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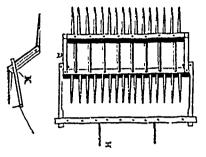
FARMER.

A Family Journal, devoted to Agriculture, Internal Improvements, Literature, Science, and General Intelligence.

Vol. I.

TORONTO, SATURDAY, JUNE 5, 1847.

No. 10.



HORSE-RAKE.

We submit the above cut of a horse-rake to our readers, with a good deal of confidence moving from one head to the other as the rake only be from a small and choice stock. revolves. K represents the end view, with

It has sometimes been a matter of dispute amongst Englishmen which particular county or district is the most famous for the making of cheese. I think, if quantity is to be taken into account as well as quality, the decision must be in favour of Cheshire, as there cannot be less, upon a moderate calculation, than 12,000 tons made in that county annually; a considerable portion of which is of excellent quality.

It is scarcely necessary to premise that milk, from which cheese is made, consists of three distinct parts-eream, card, and whey-into which, by repose, it spontaneously separates; but the process of separating the whey from the other bodies may, as in cheese-making, be accelerated by infusing a small quantity of simple acid extracted from cured and dried maw-skins, which have been previouslydissolved in warm water. This infusion is commonly called "steen" but more properly rennet:

the curd. The richness of the cheese depends upon the quality of the milk, or, in other words, on the proportion of from new milk, or milk from which no cream has been taken. It is, however, well known that in many dairies in the morning before cheese-making a small Some cheese-rooms are occasionally quantity of cream is skimmed off the found to be in the summer time too warm, previous evening's milk; this cream is in which case the cheese has to be remo-either churned by itself, or mixed with ved for a time to a cooler part of the house.

singular to some, that any portion of perienced where the roof is of thatchcream should be found in whey, but such is the fact, and the means used in Cheshire for extracting it are very simple.

Number of cows kept, and produce.— The number of cows kept for the purposes of a cheese dairy is seldom less than S or 10, or more than 70 or S0; and is of course regulated by the size of the farm—these average about 90 or 100 statute acres, upon each of which about 15 or 18 cows are kept. From 18 cows a cheese of from 36 lbs. to 54 lbs. weight in its simplicity and efficiency. We hope some ingenious friend will take the trouble to construct one and give us an account of its operation. It consists as the reader will see of two heads, and two sets of teeth. The heads are connected together with rods and leads are connected together with rods are connecte is made daily during four or five months two end pieces, one of which is marked at D. cattle sufficiently well in winter. With floated in the boiler, the water of which In the end bars there is a groove, or piece cut judicious management, about 3 cwt. of thas been previously heated for that pur-

and against the rods connecting the heads; as the culves are fed or disposed of, the selves trouble in the after process. The the teeth answer for handles. When the cheese making commences, and continues "cheese-tub," which is similar to a brewwindrow is reached you have only to raise the (excepting in small dairies) to nearly the ing-tub, having been placed in readiness

dom exceeds an hour and a quarter.

five days calving.

following morning, and sometimes in luting, as by that means the froth and small dairies (where four "meals" are bubbles, which are supposed to be preju-used) not until the second morning, a cool dicial to the cheese, will, for the most part, farm-house least exposed to the sun. The the curd, has been found to be detrumenutensils in which the milk is kept are usu-tal. Since warming of fluids has a tenally portable shallow earthenware vessels dency to dispel this fixed air, it is perhaps called "pan-mugs," and in some dairies worthy of consideration whether it would leaden or zine coolers. Most of the milk- not be better to warm the whole of the rooms have lattice or wire windows for evening's mik to the required temperathe circulation of air, and the floors are ture, rather than heating a part of it so laid in a sloping form for the free escape high as 100°. The process adopted with The art of cheese-making consists in of the cold water with which they are the evening's milk, as above described, the complete extraction of the whey, and daily swilled throughout the summer is generally finished previous to the time in the proper compacting and curing of months. If precautions of this nature be of milking in the morning; but if not, the not attended to, there is a risk of the eve- dairy-maid stops and completes it before ning's milk becoming sour; in which case, the new milk is brought in from the cows. whatever quantity of new milk be added This new or morning's milk is then added cream which the milk contains. The to it in the morning, the cheese will be by passing it through the never placed upon cheese of Cheshire is professedly made sour also. I am led to believe that a tem-the "cheese-ladder" over the cheese-tub. perature of so near 50° Fahrenheit as When the whole is thus collected, some could be maintained, would be best for a few bubbles are invariably found floating milk-house throughout the year.

Some cheese-rooms are occasionally

a better quality and greater quantity of the building is slated, and exposed to the be ready to "set together," that is, to re-(so called) whey-butter. It may appear moon-day sun; but is seldom or never ex-The size of these offices is of course regulated by the extent of the farm; where 30 cows are kept I find them as follows:

Yds, Yds, Square Yds, - - - 6 by 3 or about - 18 - - - 6 by 5 ... 30 Salting and drying house 4 by 5 "
Cheese-room over dairy
and drying-house - 10 by 5 (or 8 by 6

Process of cheese-making .- As the first process-namely, that of extracting the whey and salting-occupies, according to circumstances, from five to seven hours, In the end bars there is a groove, or piece ent pluncious management, about 5 cwt. of the middle extending within 14 or 2 cheese (of a 112 lbs.) may be considered as the average amount made per annum upon land let for 30s, a statute acre; but in a few instances 5 cwt. per cow, and moving from one head to the other as the rake content of the proposition of the season (say March, when the farmer is laying in a stock for the weather; for the first two or the generally calculates upon a dozen of skins to a ton of cheese, but the season (say March, skins vary in size (the price when cared) April, and May) it is not unusual to heat the angle of the teeth. The fine line below k shows the line of draught. As the rake is drawn forward the hay collects on the teeth and against the rays connecting the beggles. upper teeth, when the rake is thrown over and ready for work without stopping. We have never seen one constructed on this simple plan, but believe that will answer a better purpose than those in common use. As to the utunty of a good horse-rake, where the ground will admit of its operation we need not say a word.

ON THE MAKING OF CHESHIRE

ON THE MAKING OF CHESHIRE

CHEESE.

(excepting in small dairies) to nearly the end of the year. In January and February and February the quantity of milk obtained is often are the warm added. Supposing the temperature of the cold milk to be about 50°, and they were in timo butter. There are however instances of cheese being made throughout the year.

Milking.—The operation commences about five o'clock in the morning, and five out warming any portion of the evening's the practice for most of the servants, general practice. In very warm weather is the practice for most of the servants, general practice. In very warm weather both mon and maids, to assist, and for the some dairy-maids think it necessary to cows to be milked in the cowhouses (cal-) reduce even the temperature of the mornled here "shippons", all the year round, ing's milk. The cream, which is diluted When, as is usual, there is one milker for either in about double its quantity of warm every six or seven cows, the milking sel- or new milk, or by being exposed to the heat of the boiler in the same way as the The milk of new-calved cows is not milk, is next put in. I have before stated mixed with the other until about four or that it is customary to retain a small part of the cream for butter: when this is the Offices and utensils .- As the evening's case, it is considered best to skim it off milk is seldom made into cheese until the the whole surface of the cream before di-"milk-house" is necessary; on which ac- be taken off. This leads me to the con-

> on the surface; these are skimmed off and passed through the sieve to break them. One of the most important points now to be attended to is the heat of the milk

ceive the rennet. This heat is rarely tested by any other thermometer than that of the dairymaid's hand; some may, and I have no doubt do, determine it pretty correctly, but cannot always.

The evening's milk in the tub being at or about 75°, as before stated, and the milk which is brought from the cows 90° or 95°, the temperature of the whole is then found to be somewhere between 80° and \$5°; and I am of opinion that the heat at which milk ought to be and is commonly coagulated ranges between those two temperatures.

The rennet, or steep as it is commonly called, is next added. I have already stated in the introduction, that this is an infusion made from the preserved stomach or maw of sucking calves, thence called maw-skins or bag-skins. A recipe for preserving the skins will be found in the appendix. To define the quantity of rennet sufficient for coagulating a given quantity skins vary in size (the price when cured s from 6s. to 9s. per dozen). In using them, it is the practice often to cut two skins at once. Three square inches taken from the bottom (or strongest part) of one, and one or two inches from the top (or weakest part) of the other, is generally found sufficient for sixty gallons of milk. These two pieces of skin are put into a cup containing about half a pint of lukewarm water, with the addition of a tea-spoonful of salt, some part of the day previous to being used. The water thus impregnated with the maw-skin is passed through the sieve into the milk, but the skin itself is generally, though not always, kept out. The remet cup is well scalded before being used again. I have been told that some farmers make a sufficiently large quantity of rennet to last for several weeks, and find to answer better than making a small quantity daily. question is, will it keep sweet?

The congulation (or "coming") is generally effected in an hour, or an hour and a half. As far as my own observations extend, I am led to think that an average of these two is sufficiently long, if the proper means are used in effecting the formation of the curd: for it is well known that, cateris paribus, the warmer the r.ilk is at the time of setting together, or the stronger the rennet, the sooner will the coagulation take place, but the curd will in consequence be tougher and less in quantity; on the contrary, the cooler the milk, or the weaker the remet, the longer will the curd be informing, and the more tender its quality, but its quantity will be greater. By attention to those results the cheesemaker may soon decide when too much or too little rennet has been put in the milk, and correct the quantity the next time. It may be proper here to state, that too much remet has a tendency toimpart an unpleasant flavour, or bitterness, to the cheese:

It may generally be expected that the heat of the curd when formed, will be four or five degrees less than the milk was when set together; and it is desirable. particularly in cool weather, that this difference should not be greater, otherwise the subsequent labour will be more difficult. To determine exactly when the rwrd is in a fit state for what is called "breaking," requires some practical knowledge; with attention this is soon acquired. either churned by itself, or mixed with ved for a time to a cooler part of the house. preparatory to coagulation, as the milk, The point is generally determined by whey cream, by which there is obtained This is more generally necessary where if at a proper temperature, should now gently pressing the surface of the milk

with the back of the hand, or by lifting up the skimming-dish, beneath which the curd and whey will distinctly appear if the congulation be complete. Another criterion is the colour of the whey, which should be of a pale green -Journal of the Royal Agricultural Society of England.

ASHES FOR POTATOES.

Messrs, Editors :- in your paper of the 22ml, I see a notice respecting the use of ashes for putatoes, wishing some one that had tried askes to give the result. I last year had my potatoes planted about the 20th May, and used as a dressing at the hably call upon several of the principal agritime of planting a maxture of ashes, plaster, and (culturists, between this and Montreal, within salt, the proportions were five bushels ashes, one the next two or three weeks. plaster, and one of salt. At the first hoeing gave them a similar dressing of about a wine glass full at each time; and at digging found little or no tot: the potatoes were put into a large bin in the cellar, and those left, say 70 or 80 bushels, are now as sound to appearances, as those of years previous to the rot. I planted my potatoes three and a half feet one way, and three the other, which gave them plenty of air, and the crop was a good one. I shall try the same dressing this season. I did not try any without last year, but shall this C. A. D. Chulestown, N. H., May 23, 1847.

P.S. Since writing the above, a friend advisepatting into the full one part of unleached ashes, the result has been good, and the crop nearly sound.-[Docton Culavator.

RENOVATION OF THE POTATOR.

the best seeding putitions, and the greatest varies to of seedings from the State Agricultural Su Cultivator communicated by H. A. Parsons

Mr. S. natibegen four years, are to plant from potatoe balls, and his every very plant land only the tubers from the improved seed, but the seed? from the newly produced tubers. In the potatoe, the principles of several sciences) in suca a springing from the improved seed of each suc, manner as to come down to the comprehensize the parameter and the manufest rupraves sion of the mass of readers without the most size, quality, and quantity; this veir 36 sizeable table parameter with the most reduced to me the result of the mass of readers without the most sizeable table parameter from one seed, all attached to one word," we may explain its manufacture vine. Many of the most occurrence occurrence of the most occurrence o Many of the potatoes growing from seed planted last spring, weighing from five to seven a constant repetition of words and a round-aplanted last spring, weighing from five to seven bout mode of speaking. Of course there is
viriences, appear fair and healthy, with no signs,
of the prevailing disease. Mr. Smith the past
year planted on two outer sides of his garden,
which is of the same soil, expasing. See, some
the same soil, expasing, anythmedial markets of the same soil, expasing on the same soil, expasing on the same of the same soil, expasing on the same soil, expassing the same soil expassing the same same soil expassing the same soil expassing t eight rows of common potatoes purchased in market, consisting of pinkeyes, ne-hanocks, or mer-cers, and flesh coloured; next to these on two sides sums twenty rows of different varieties of his improved; and next to these, seeds taken from the balls last spring. These had all the same sod, enhance and attention. The seeds were first stated in a hot-bed, and afterwards set out in a forrow about two feet apart—one plant making l

In digging, the following was the result: -- Of the varieties first named, many were body diseased; the nechrinous most toe pinkeryes next, and the flesh enfoured last. The environ layer are ties, growing by the side of tiese, showed searcely anything of the disease, and the seedlings

nde at . h. Rice Crypyr —This is prepared by intimately mixing rice flour with cold water, and gently simmering it over a mild fire. It thus forms a very dur the and delicate coment, answering, when exide thin, all the purposes of past in a higher degree, for paper and the like, and when made of consistence of plastic clay, it may be east in regulds, and the articles when dry the appearance of white marble, and will take a high polish. The domestic ideas of the Camese are mostly east of this material. Any colouring matter may be added at pleasure.

Figure Roads, on Twist —One quart of take-warm milk, one ten-spannial of sad, a large tenscap full of house-brewed verst, or half as much distillery yeast. Hour enough to made a stall limber; set a to use and when year ught, work in one egg and two spoonsfal of bater, and kneed t in flour till still enough to roll

As Excending and Cinar Permissi-One pint of rice: twelve apples of good size and sour; pure core and slice them; may the rece and uples, and put all into a first and bod mem it so near. The org most be large counts for half so hour.

quantity of outness, to which add a little sugar tion of the meaning of words. mal.-Gardeners' Chromele.

trees wash the gummy spots with strong soap. trees wash the guminy spots with strong soap, stances. Ammonia in its pure state is a gas, rate of two or three pecks to the ton. It will cause many are waiting to see it established, but This is stated to be very efficacious.

Ammonia in its pure state is a gas, rate of two or three pecks to the ton. It will cause many are waiting to see it established, but This is stated to be very efficacious.

TO CORRESPONDENTS.

D. K., Brock. Your request will be attended to the missing numbers will be sent also.

O. J. H. If the facts are an you say, there is no doubt but your title in good; any larger, or indeed any person having much acquaintance with linsiness, will tell you so.

CANADA FARMER.

June 5, 1847.

One of the Editors of this journal will pro-

AGRICULTURAL CHEMISTRY.

We have for some time had it in our mind to devote some space to the publication of such information upon this important subject as would greatly benefit our readers, and espenot have necess to the best books relating to it-by affording them the opportunity of becoming acquainted with those first principles and the more common scientific terms, the knowledge of which is absolutely necessary to the understanding of the writings of all serentificmen; at the same time that the labour of selection and explanation would freshen and formy of readers in consequence of their ignotiety-are treen from the January number of the france of the language used. It would be imthe principles of several sciences) in such a a constant repetition of words and a round-arather the most difficult to be understood of those we recollect, was published in our second number on " the good and had points of cattle." It was written by a veterinary surgeon and published in a scientific work. Still with the aid of a common dictionary most of it could be made out. Speaking of the feel of the skin in a good animal, the writer says "its easy resilience when traction is made use of" is a "good prognostic," &c. - Jahnson or Walker will solve the difficulty if there be any us means "a starting or leaping back." "Traction," the "act of drawing," so that the meaning becomes clear even to those who may never have seen these words before, upon consulting a common dictionary. For · prognostic" he might have said "sign," which would have been plainer if not quite as I land will permit it. appropriate. "Intersticial de posite," "adipose and reticular tissue," " saporaceous feel," &c., may all be understood by reference to the monest language would have required a great number of words, except in the last example, which is an instance of useless obscurity.

untter, and its smell may be detected in danghills and cess-pools. It is now well established that the fertility of animal or barn-yard manures depends in a great measure on the presence of this substance. How important then to understand its nature, and the mode of making and preserving it! But chemistry teaches us that even this volatile gas, is composed of two other simple gases! viz., nitrogen one part, and hydrogen three parts. In speaking of these substances we are driven to use their chemical names, for they have no others. And the only way we can get over the difficulty is to explain them by their properties and peculiarities every time we mention them. Thus if we are speaking of the components of the atmosphere or air, we say in 100 parts there are 79 of nitrogen, an elementary gas, colourless, inodorous, or without smell, inactive, of nearly the same weight as air, incapable of sustaining life or flame, &c., early the younger portion of them who may Sec., and 20 parts of oxygen, which in its simple form is also a gas, colourless, tasteless. and inodorous; it is electro-negative, that is, when those substances with which it is united are electrically decomposed (seperated into their elements) it always appears at the positive surface (but this requires a knowledge of the nature of electricity to be understood). It is heavier than atmospheric air, it is the most powerful supporter of combustion or The following facts in regard to the renovation extend our correspondent. (Whithy Farmer) much frender see that it would be absurd and impossing Mr. N. S. Sauth wing obtained premiums for of what is written is unintelligible to the massible to go through such a fecture every time a chemical term is used? After it was possible to write upon scientific subjects (and intolerable to those who remembered, and agriculture is not only a science, but involves understood it. Now, we shall devote at least a column to the explanation of the elementary principles and terms of art, of those sciences more immediately connected with agriculture. and we shall begin with Chemistry, adding such observations to our selections from the most approved authors, as from time to time shall appear necessary. We hope our young readers especially, will go with us through these interesting inquiries and they will assuredly become both wiser, richer, and better in l consequence.

HAY-MAKING.

The season for making hay is rapidly approaching. The farmer should, therefore, look to his implements and have them in order. Much time may be saved as well as money, by paying early attention to these things. On our first page will be found a cut in this sentence. "Resilience" they inform and description of a revolving horse rake, which we think, will be foundless complicated and in every respect superior to those in common use. Any usu of ordinary ingenumy may construct one; those, therefore, who may approve of the plan, will have time to prepare for testing its usefulness where their

There has been, and is still considerable difference of opinion among good farmers as to the best mode of making hay. One same authorities, one or other of which we method, and it is the most common, is to dry hope is in the possession of every family. In thoroughly in the swath, by turning and To express the same meaning, in the com- spreading during the day. Towards evening it is collected into small cocks, or raked into wind-rows.' Next day it is spread again, and in the afternoon put up into larger cocks. On mation, assertion, or abase will not do. A news-Soapy would have done just as well as " sapo- the third or fourth day it is taken to the stack paper in a family, even a political or religious naceous." for it has the same meaning, or mow. No salt is used. By this mode the the rice, when swelled, will fill. Eat with an, amount of the writer must study planness and simplicity. tedious, and in the case of cover, much of cellent.

To Kir.: Coesnovenes.—A teacop full of well and the reader must strive to comprehend its virtue is lost. Another plan which has braised plaser of Paris, mived with double the without the necessity of a constant explana- many intelligent advocates, is to allow the swath to be turned and withered, putting it (the latter is not essential) then strew it on the But in a science like that of chemistry up into small cocks of about 200 lbs. by noon, the latter is not essential man and some that it is seen that of chemistry up into small cocks or about 200 ms. symbols that of chemistry up into small cocks or about 200 ms. symbols of it is when cut before breakfast. In this situation the situation of the sit RED St. 1. 4 — The Girdeners' Chromole re-commonds, for the extraction of those meets that Caschies be put into a frame, with a quantity of stood, because this is the popular name by which tends to cure the hay very fast. The faschise the put into a traine, with a quantity of the leave, covered up a tight as possible, to prevent the gas, evolved from one reves, escaping; in a few hours the usects will be destroyed.

We should however, to convey our examined, and if the heat is abated they may the branches of the concellias infested with the meaning correctly, be obliged to use several be shook up a little and left for a short time. scale should be rubbed with oil, on the place other words, for hartshorn contains but 32 and then carried to the barn. In mowing it would be a long time before we should have In order to step the gummo exudation in cherry per cent. of minimum, muted with other sub- away, salt should be sprinkled over it at the another like it. You may less the first year, be-

is produced in the fermentation of animal well, and makes the best of hay. The practice is adopted by some, of putting it away with alternate layers of straw, especially when composed of clover; heat is thus avoided, and the straw by imbibuing the juices is enriched as food; less salt as required in this

Judge Buel, the able editor of the Albany Cultivator, from its commencement until his death, always recommended and practiced this plan. He says-

Philosophy teaches, and many years experience has confirmed us in the correctness of her teachings, that not only clover, but all hay in which clover or any of the succulent grasses, are constituents should be cured in small grass cocks, not rolled, but formed of layers with the fork. The objections to the old mode of curing wholly in the sun, are, in the first place, that the leaves and finer parts of grasses, dry, crumble and are lost, ere the dems and succulent portions are fit to carry to the barn. In the second place, that an intense hot sun is hurtful to the quality of the hay, that cured in the shade being always the most fragrant and natritions. Third—it is liable to be seriously injured by the dewesulden showers, or continued rains,

The practice of the best English, Flemish, and French farmers, says Deane, is to expose their hay as little as possible to the sun-It is carried in dry, but it preserves its green colour; and you see hay two or three years old in their market, of so bright and green colour, that we should reactly conceive it to be cured; yet they are in the practice of preserving it for years, and value it more for its age. The cock excludes it from the sun and preserves its greenness; and if a slight fermentation takes place there, the hay seldom heats, and never spoils, in the mow or stack. It is the best mode to make good hay. Let those who think otherwise try it.

Por the Canada Parmer. GENTLEMEN.-Upon seeing the Prospectus of

cour paper, I made up my mind to become a abscriber. It struck me to be just the thing that was wanted. I knew there were hundreds of farmers raising families of children, who cared nothing for the political papers, and therefore did not take them; and as, until yours was started. there were no others published in this country containing general information, these children stood a fur chance of coming up just as ignorant as their parents. It therefore appeared to me that a good firmer's paper, continuing instructions upon agriculture of a useful kind, and at the same time giving news and matters of general interest; in fact, just such a paper as yours is, would meet with more encouragement (for it would be more worthy of ii,) and do far more good than the whole host of pointed newspapers that are now floating over the country. I may put the religious papers, as they are called, in the same category, for they are started with the same party object, and are just as butter and argmontons in their language, and kindle so much strife and " brotherly" hatred, and are just as neglectful of the real interests of the country (perhaps more so) as their worthy compeers.

Political papers may do well enough for those that like them; but as for myself I am quite fired of the command wrangle about "party" and office." I want to see the party that will do something. This eternal talk has sickened my stomach. But I am afraid you will think I am writing politics. Never mind-I have my own political opinions, and newspapers shall not change them. They are made up from facts, or acts, just as you like, and it will require the same kind of things to produce new ones; mere declaone, is better than nothing. It contains many things pleasing to children, and gives them a tasto tam myself an m. stance of their benefit. My father took a paper, and though I hated the sight of a book, yet hy reading the vivipaper sometimes aloud for others. I gradually acquired a relish for the thing, and can now been a considerable acquaintance with books and with an world, for one in my station, which I otherwise should a ve been igno-

I trust, therefore, as your journal is what every farmer wants (and if conducted as you have begain will no doubt be appreciated and supported). that you will be induced to continue it : I should

Labserve you have run fool of Mr. Edmundron. Let "him alone." Everybody, by this time, knows how much he knows. His " pond has run out." His " sugar" notions, like many others he keeps burping upon, will mislead no one, therefore you are only wasting your tilkand paper in exposing their absurdates. I take his paper for the extracts it contains, and, as the cost is not great, shall containe to take it. It must be admitted that he deserves a good deal of credit for his perseverance, even though his " zed" be - wahout knowledge.

Permit me to make one more suggestion. I have read several a resultural books, and some the butter fit for printing, and this only by calities which A outed in some of our best essays and writings. I am sure that about half of some of the articles published to your paper is unintelhighle to the negority of your readers. Now, is that possible to make your paper more useful, the has gained one fifth more butter than by by collecting and publishing, say a column or so the line gained one fift the ordinary method, at a time, explurations of these words of art, and especially of chemical to me and a distances f This science has done more for agriculture, and sansage-chopper—that miseless friend to the will do more than all others put together; and farmer's wife—that will silently do in two there is none, the very words of which are such hours what it would take a man a whole day complete Greek to the generality of readers, to accomplish by his single arm; or if a Words of art are necessary to the explanation of wood-shed in which the kitchen shall open a science; but then it is equally necessary that (where a space can be portioned off for barrels they should be understood. I am satisfied such and boxes that are to be receptucles for all they should be understood. I am satisfied such sorts of things that the women should have assistance will not come amiss, even to those who in use close to the scene of their labours, and have witnessed operations in the laboratory.

Yours respectfully.

A WHITBY FARMER.

June 1st, 1847.

and friendly suggestions. We considered in saving his strength, time and health, he well the plan of our journal before we issued has gained at the end of the year, at least, the it, and have no doubt of its adaptation to the price of the labour-saving machines, and the wants of the agricultural community. Of money as well as time, that can be spent our ability to conduct it upon this plan it is more profitably in lighter and equally useful perhaps not becoming or necessary for us to occupations. speak; we leave the determination of that question to our readers. But however much good such a journal may be capable of effecting, our friends must recollect that two or three individuals cannot bear the expense of its publication, unless properly supported by feed, the following results will take place: the public. Every can who wishes to see Canadian enterprize develope itself, and intelligence and improvement diffused among case for things not being kept perfectly clean. the young and old of our agricultural population, must assist with the recens which will accomplish, and which in other countries have accomplished, these results. Every subscriber to the " Canada Farmer" could. if he would, get one of his neighbours to subscribe; this would double our subscription, and very nearly pay the expenses of the first volume. It would also remove all doubt from our minds as to the propriety (pecuniarly speaking) of continuing the publication. We made some observation of this kind in a former number, and although plenty of time has clapsed we are not aware that we have received one subscriber by the suggestion. This is not very encouraging. We have not personally asked a single individual to become a subscriber, nor do we intend to. We devote all the time we can spare, and thus far, it has required much mere than we ought to spare from other daties, in reading, preparing and writing matter for the paper. Whatever else is necessary must be done by others. The enterprize is now fairly before the public, and if they wish it success they must come forward in its support. There are some choice spirits who have extended to us their sympathy and co-operation in a tangible shape. As Canadians we honour them, and mind or means. only wish that our country could boast of possessing greater numbers of the same genus.

As it regards Mr. Edmundson, we shall remember our friend's advice. We shall avoid every thing like personal controversy except in self-defence. When questions of great public importance are being discussed we shall treat the Callicator just as we would any other cotemporary. And if we have the misfortune to differ from him in his statements and opinions, we trust he will not lose his temper because he is worsted in the argument. Our correspondent's last suggestion is referred to in another place. We hope to hear from a Whitby Farmer again. hickory, or white pine.

From the American Agriculturist. ECONOMY OF LABOUR-SAVING UTENSILS IN A KITCHEN, OR ON A FARM.

A little reflection will show, that to save time is a great gain, while a liberal, though economical expenditure of money is equally Labour-saving machines in a farm kitchen are, therefore, of the atmost importnnce, as they not only save time, but strength. For instance, if a farmer expends a few dollars in the purchase of a chian so constructed that it will bring butter in five, ten, or twenty minutes, and afterwards work scentificones, yet I fird great difficulty in under-turning the bandle, (and there are such standing the, as it appears to me, useless technic charms now in use,) he will soon perceive that he has gained more than at could think possible. If he adds to this, pans for hot water, in which the milk pans can be placed to prevent the new milk from cooling too rapidly, he will find on churning day, that

If such liberal conveniences are allowed the to receive trash that atherwise would be thrown out, littering the yard, and giving an air of anthrift that is always disgusting, and if saved in barrels and carefully collected on the compost hear, will serve as manure for the garden or form, of the best quality, the We thank our friend for his good opinion (farmer hunself will find in a short time that If in the above mentioned house a row of barrels be placed close to the kitchen door, one for ready-made soap, one for soap-fat—into which is previously placed twenty-five pounds of potash-and two barrels of water, one for pig-slop, another for bones and all the worthless scraps and sweepings of the house, and another for chicken-

> The soap being close at hand, can be used when it is wanted, and there will be no ex-If the barrel of potash and water be kept close at hand, ten times as much soap-fat will be gathered and saved, than if the barrel were not there; for it will take no more time to throw it there than into the pig's barrel, or to the dog. The potash will prevent the fat from becoming mouldy, or filled with skip-pers, which it is apt to do when collected in the usual way. The soap will make itself, if stirred once or twice a week. Potash, instead of ley, is most economical, as it is more in its results; and the ashes are more valuable our manure heap or pasture land than the soap is worth. The pig-slop will be under the mistress's eye, and ingredients neither no good nor too had will be put in. The bones and scraps, now so highly prized as manure, may all be saved; and last, not least, dirt is not made, and the time and strength that would otherwise be taken in cleaning and **sc**ouring is saved for better purposes; and the chickens may be regularly fed without waste of time. On a farm, as in a bee-hive, all should be workers, and the drones sent off. The women as well as the men, must and should work; but all will find that the best economy is to save. whether it be in time, or money, or strength, though all should be diligently, carefully, and liberally used, if the farmer wishes to thrive. If from a careful management of time you save one hour a day, either from unnecessary sleep, pleasure or ignorance, you will gain, in five years, seventy-five days and

pottery is not considered desirable for milk or cream, as the acid contained in them acts upon the glazing (which is generally an oxide of lead.) will converts it into an active poison. Vessels made of weed are preferred by many to my others, for this purpose; although they are liable to become tainted with the acidity of the milk, in which case they can only be thoroughly cleansed by boiling; and then this fails, a little saleratus added to the boiling water will effectually neutralize the acid. The vessels must afterwards be imTO DESTROY MILDEW.

Mr. Haggerston, who obtained, a few years ago, a premium from the Massachusetts Horticultural Society, for the discovery of a mode of destroying the rose-slag, says, that a weak solution of whale oil soap, in the proportion of two pounds of soap to about fifteen gallons of water, or weaker, will check and entirely destroy the mildew on the gooseberry, peach, grape vine, &c.

CATECHISM OF AGRICULTURAL CHEMISTRY AND GEOLOGY.

We commence the publication of such parts of the "Catechism of Agricultural Chemistry and Geology" as appear adapted to those readers who cannot have the benefit of what is called "ocular demonstration," i. c. witnessing the trial of the experiment which proves and explains the doctrmes of the text. This admirable work, which has passed through eight or nine editions at bome, and has been republished in the United States, is written by Jas. F. W. Johnston, M. A., F. R. SS. L & E; Honorary mem- dryness, ber of the Royal Agricultural Society of England, and author of " Lectures on Agricultural Chemistry and Geology." Pofessor Silliman, of Yale College, says of it: "Like line taste, but which unlike potash, becomes dry by a sound practical good sense, which adds double value to his scientific labours, rendering them available to the very class for whom they are more especially designedpractical farmers." And, he adds that this work is "the best synopsis yet made of the valuable facts and principles which have been established in the important science of agriculture." Chemistry is preeminantly a progressive science. New facts are discovered, new affinities traced and new principles deduced almost every day. This little work brings down the information upon this most interesting subject to the latest period.

Q. What is agriculture !

A. Agriculture is the art of cultivating the soil.

Q. What is the object of the farmer in cultivat-

A. The object of the farmer in cultivating the oil is, to raise the largest crops at the smallest cost, and with the least injury to the land.

Q. What ought the farmer especially to know, in order that he may attain this object?

A. The former ought especially to know the nature of the crops he raises, of the land on which they grow, and of the manures which he applies to the land.

I .- Of the Nature of the Crop he Raises.

Q. Of what parts do all vegetable substances con-

A All vegetable substances consist of two parts. one which burns away in the fire, called the organic part, and one which does not burn away, called the inorganic part.

Q. Which of these two parts is the greater in quality !

A. In all vegetable substances, the organic part is very much the greater. It forms from 90 to 99 out of every 100 lbs. of their weight.

Q. Of what elementary bodies does the organic part of plants consist?

A. The organic part of plants consists of four elementary bodies, known by the names of carbon, hydrogen, oxygen, and nitrogen.

Q. What is carbon.

A. Carbon is a solid substance, usually of black colour, which has no taste or smell, and burns more or less readily in the fire. Wood-charcoat, lamp-black, coke. black-lead, and the diamond, are varieties of carbon.

candle. It is also the lighest of all known substances.

Q. What is oxygen?

A. Oxygen is also a kind of air in which a candle burns with great brilliancy. in which animals also can live and which is heavier than hydrogen or common air. It forms one-fifth of the bulk of the air we breathe.

Q. What is nitrogen?

A. Nitrogen is also a kind of air differing from acid. The vessels must unserwants both the other two. Late nyorogen, a super mersed, for two or three days, in water, which should occasionally be changed. Milk vessels may be made of maple, white ash, hydrogen, it will itself not being therefore hickory, or white pine.

of a candle. It is a little lighter, than atmospheric air, of which it forms four-fifths of the bulk.

Q. Do all vegetable substances contain these four elementary bodies !

A. No the greater number contains only three viz. : carbon, hydrogen, and oxygen.

Q. Name some of the more common substances which contain only these three I

A Starch, gum, sugar, the fibre of wood, oils, and fats, contain only these three elements.

Q. Of what substances does the morganic part of the plant consist?

A. The inorganic part of plants contains from eight to ten different substances, namely : potash, soda, lime, magnesa, oxide of iron, oxide of mangamese, silier, chlorine, sulphuric acid, or oil of vitral, and phosphoric acid.

Q. What is potash ¹

A. The common petach of the shops is a white powder, which has a peculiar taste called an alcaline taste, and which becomes moist, and at last runs to a liquid when exposed for a length of time to the air. It is obtained by washing would ashes (the ashes left by wood when it is burned.) with water and afterwards boiling the liquid to

Q. What is soda ?

A. The common sody of the shops is a glassy or crystallized substance, which has also an aleaevery production of his pen, it is characterized and powdery by being exposed to the air. It is manufactured from sea salt.

Q. What is line!

A. Lime or quick-lime is a white earth substance which is obtained by burning common limestone in the lime-kiln. It has a slightly burning taste, and becomes hot and slakes when water is poured upon it.

Q. What is magnesia?.

A. Magnesia is a white powder sold in the shops under the name of calcined magnesia. It has scarcely any taste, and is extracted from sea water and from some kinds of limestone rock called Magnecian limestones.

Q. What is iron?

A. Iron is a hard bluished gray metal, which is manufactured in large quantities in our ironworks, and is used for a great variety of useful purposes.

Q. What is oxid of iron?

A. When polished iron is exposed to the air it gradually becomes covered with rust. This rust consists of the metal iron, and of the gas oxygen which the iron has attracted from the air, and hence it is called an oxide of iron.

Q. What is exide of manganese?

A. Oxide of manganese is a substance very much like oxide of iron which occurs in soils and plants, usually in very small quantity.

Q. What is silica?

A. Silica is the name given by chemists to the substance of flint, of rock-crystal, and of sand-

Q. What is chlorine ? :

A. Chlorine is a kind of air which has a green-, ish-yellow colour, and a strong suffocating smell [It is two and a half times heavier than common air.] A taper burns in it with a dull smokey flame. It exists in common salt in large quantity.

Q. What is sulphuric acid or oil of vitriol?

A. Sulphuric acid or oil of vitriol is a very sour burning, oily liquid, which is manufactured from burning sulphur, (brimstone.) It exists in common gypsum, in alum, and in Glauber and Epsom

Q. What is phosphoric acid?

A. Phosphoric acid is also a very sour substance, which is formed by burning phosphorus in the air. It exists in large quantity in the boncs of

- This gas may be made in the following manner :- l'ake a common tumbler, put into il some small nieces of zinc or iron filings, and pour over will gain, in five years, seventy-five days and two hours, for profitable improvement of them a small pieces of zinc or iron filings, and pour over them a small quantity of sulpharic acid, (oil of them a small quantity of sulpharic a ening of the volume, and not by an expansion, as in the case of gunpowder, which is a solid, ocas in the case of gunpowder, which is a solid, oc-capping a small space, by guitton or burning, suddenly converted into a fluid, or gas, requiring a large space. By putting the same ingredients into a phal, the cork of which should have a pipe stem inserted in it, you may see this gas burn by applying a caudle to the pipe stem as the gas issues through it. This being lighter than air, is the substance with which balloous are filled.
 - 2. The remarkable fact (to those unacquainted with chemistry.) is shown by this gas, that substances nextoon and often deadly in their single state, by chemical union became analy chemical in their nature, and in this case, wholesome and pleasant to the taste. 100 fbs. of common and contains 60 lbs. of chemical Ed. C. F.

Civil and Social Department.

THE ST. LAWRENCE-CARRYING TRADE OF THE WEST.

General's office, permitting American grain to pass through Canada to the ocean, on the months. The object of requiring grain thus at least never again to see it in print. imported to be exported in the time specified, is evidently to prevent its coming into competition with our own grain in our markets. This attempt to prevent a competition, which, as it will be easy to show, can have no effect on our markets, betrays a non-acquaintance with a fundamental principle of the universal inquiry is, when the question political economy. If all the grain grown in a the United States were offered for sale in tarises, will the manufacture of it by ourselves our markets, no effect would be produced pay! When new enterprises are established on upon prices, so long as we produce he same articles in excess, and England is the common market to which both Canada and the United States export their surplus products; provided the products of each country be received in England on the same terms. This may appear a startling proposition, but a little consideration will show that it is incontrovertible. The general harvest of the world will determine the amount of supply, and the state of the harvest in England will fix the nature the other part; but under a sound system, of the demand. A generally deficient harvest the interests of individuals, classes, and comwill be followed by high prices, and an unnof Lowell, Massachusetts, have been carried sually abundant harvest by low prices. In of Lowen, prassaction, such more or less of profit to either case. Canada and the United States on since 1822 with more or less of profit to having a surplus to export, and England being the common market, it can make no dif- they have been equally profitable to the ference whether the surplus gram of the United States pass through Canada on its very important question. The following way to the English market or not; nor can statement exhibits the comparative profits of its sale in our markets affect prices here, the principal manufacturing companies of because our merchants would merely be buy - be remarked, however, that exclusive of these ing for the English Market, by which the dividends, there are many instances in which prices here must be regulated. American grain could not be bought here at a lower a portion of the profits has been expended in price than the New York merchant would shares, &c.: give for it: for if higher prices can be obtained in New York than in Canada, the grain of the Western States will find its way to New York; and if it be found that Canada possesses advantages with respect to the carrying trade over New York or Boston, the merchants of the latter cities will take up their residence here, and American grain will pass through Canadian channels in its way to the ocean to be shipped for the English market. If there is free trade in grain, Canada must compete with the United States; and so far as prices are concerned, it is not of the slightest consequence whether that competition be carried on in New York, or Boston, in Canada or Liverpool. But as regards the carrying trade, it is of the greatest importance that the competition should be carried on in Canada. We do not assert that Canada possesses advantages that will secure for her this trade. This is a question which time will soon decide. One thing is clear that tolls on our canals must be kept down at a low point. Some idea of the value of the future carrying ! trade of the Western States may be formed, when we recollect that six States, Indiana, | Ohio, Illinois, Michigan, Wisconsin and The declaring of dividends for 1847, before lowa contain an area of 280,000 sq. miles-the Month of May, we confess we do not unabout six times as large as the whole of Eng- derstand, except, indeed, they should have land; and that their products are every year been declared quarterly. Only some, how-vastly increasing. The trade of Western ever, for this year, are stated. The annual New York alone increased from 30%,625 tons profits on the capital stock of these compa-(sent on the canal) in 1844, to 491,791 tons nies have during these five years, ranged

At a future time we may take occasion to. Our proximity to the United States favours compare the cost of carrying flour and grain the idea that profits equally large might be by the Erie Canal, the Saint Lawrence, and made in Canada. But it must not be forgotthe Ogdensburg & Boston Railroad, building. | ten that our circumstances are totally dissimilar

appeared in a contemporary journal, in refer- factories were established and fostered under ence to the possible effect that may be pro- the protective system, the justice and the Islands in the Pacific, seven minions, is duced upon the interests of Canada by open-soundness of which all nations have begun to be Christians, six Mehometus, one part Jews, ing our canals and the Saint Lawrence as a question, and which some have already abanis a prize worth contending for. The Pro- ocean. To say that an arrangement so evi- demonstration that the manufacture of many of Asia, Africa and in the interior of America, portion of which was contracted for the pur-currency of the country, is merely to say that theen a national loss to the United States, for Europe. pose of constructing our public works. To the currency is not adapted to the wants of though it may have been in some instances a make these works available in contributing the country. If this be proved, let the ques- | gain to individuals. For example, there are to the revenue with a view of extinguishing tion of currency be discussed on its own me- twenty millions of people in the United the debt, is a line of duty so broadly marked rits, and without detriment to the trade of States, who have to purchase articles of cutout by common sense and public interest, the country. But the assertion that the in- lery which the manufacturer in Sheffield can that it is impossible to mistake it. An official terests of the country are suffering by our produce fifty per cent lower than the New notice has been issued from the Inspector | carrying on a trade in American grain, on | England manufacturer. It is manifestly the passage of American produce, is so manifestly chase from the Sheffield manufacturer. It importer giving a bond to export it within six of variance with common sense, that we hope

PROFITS OF AMERICAN MANU-FACTURES.

In this utilitarian age, respecting everything that can be measured by a money standard, whether we shall manufacture or import it such a scale as to change the character of the commerce of a whole country, the question becomes emphatically a national one. Especially is this true of manufactures. The primary question, then, which arises in discussing the property of establishing domestic (the community may flourish on the ruin of American Commonwealth is another and a

Lowell Corpora-					
tions	1543	1511	1515	1846	1847.
Appleton	6	ii	15,		r cent
Hamilton	6	13	14	10	. ceae
Lowell		7	14	14	4
Muddlesex	4	10	ii	15	8
	•	20	••		
Merrunack	16	20		16	
	• • •		10	217	
Tremont	6	16	18	10	4
Suffolk	6	16	20	วัช	5
Lawrence	7	15	14	15	6
Boott	à	iï	is	16	5
Massichusetts.	5	ii	18	20	15
Hampshire Co.	•		4.,	20	10
Cahot	11	10	20	16	
Chickopee	ō	3	12	19	
Dwight	11	ร	20	18	
Perkius	- 75	10	20	14	
Palmer	ő	16	25	21	5
Thorndike	5	ii	15	15	4
Ous	10	14	12	ี่ชื	•
New Hampshire.	40			0	
Nashua	0	11	13	20	8
Jackson	3	153	13	20	83
Great Falls	3	17}	20	551	5
Cocheco	3	6	6	6	3
Stark	ő	16	ารั	20	8
O	U	10	10	10	
Amoskeag	7	9	20	10	5
inoskeng	•	.,	÷U	25	٠,
Maine.				(ب	
Lacoma	00	00	00	3	3
Vork	Ő	17	13	20	5
1	•	10	••	~0	

from three to twenty-five per cent.

opening our channels of commerce to the advantage of these twenty millions to purmight benefit some few dozen New England manufacturers of cutlery to secure a monopoly of the business, and drive their English competitors out of the market, by the American Senate placing an import duty of 100 per cent on English cutlery. The American cutlers would gain only the cost of transit from Europe to New York, but the American people would lose 50 per cent. Will it be believed that on some articles of English cutlery 100 per cent import duty was at one time actually placed by the Americans! It must be understood, however, that there are other articles which the Americans are not only capable of manufacturing, without the shield of a protective duty, but which they can take to England and undersell the Enghsh manufacturer in his home market. For manufactures, is as to their capability of add-the manufacture of these articles the Ameriing to the national wealth. Under a false can requires no protection; they protect system of commercial regulations, one part of 1 themselves. Every article which cannot be produced cheaper by ourselves than we can purchase it from England or elsewhere, it is clearly our duty to import; and on the other hand, every article which we can manufacture cheaper than we can purchase elsewhere, it is our interest to manufacture.

GREAT SUSPENSION BRIDGE NEAR THE FALLS OF MAGARA

The march of modern science almost threatens to invade the province of omnipotence. Men separated by hundreds of miles are, by the use of lightning, within talking distance. The great Niagara, of whose majestic grandenr and femful sublimity. the remotest corners of the earth have heard, is now about to become a play thing in the hands of man! The great river is to be spanned by an iron bridge. On the practicability of the proposed structure, all doubts are now removed. The Engineer has pronounced with confidence upon its safety. The bridge is to be capable of sustaining five hundred tons. Jul in 1815. It is expected the work will be completed in eighteen months or two years.

The Mexican Congress has rejected the proffered mediation of England in the war between that country and the United States, by a vote of 44 to 33. A new Mexican President was to be elected on the 15th of May. Santa Anna is spoken of as a candidate. No fortification, except of the most wretched description, of the city of Mexico was being made, and nine-tenths of the citizens are without arms. When the Americans approach the city, the Mexican Congress, with all the archives of the Republic, will move to the city of Morelia. General Scott is marching upon the city of Mexico. He has issued a states that the Americans can bring against them an army of 100,000 men. He says:

confess errors which do not dishonour them. and to adopt a system of true liberty, of peace and union with their neighbours of the North; neither will I believe that they are ingnorant of the falsity of the calumnies of the press, intended to excite to hostility.'

SUPPOSED POPULATION OF THE WORLD.

Nine hundred and sixty millions of human

to combut the strange arguments which have facturers made their profits. These manu- fifty-sex millions; Asia, five hundred millions; America, one hundred and fifty millions; and question, and which some have already abandard and eighteen Pagues. Christians are numerous The carrying trade of the Western States channel for American grain to pass to the doned. It is a fact susceptible of the clearest in Europe and America some in the south of vince is some three unlines in delit, a great dently advantageous to us will derange the articles protected by high import duties, has I some in Asia, and a small number in the north

ADVERTISEMENT OF A LOST DAY.

BY MRS 4. II. SIGOURNEA. Lost! lost! lost! A gem of countless price, Cut from the living rock And graved in Paradise. Set round with three times eight Large diamonds clear and bright, And each with sixty smaller ones All changeful as the light.

Lost—where the thoughtless throng In fashion's mazes wind. Where trilled folly's song. Leaving a sting behind: Yet to my hand twas given A golden harp to buy, Such as the white-robed choir attume To deathless minstrelsy.

Lost! lost! lost! I feel all search is vain: That gem of countless cost Can ne'er be more again; I offer no reward. For till the heart-strings sever I know that he even intrusted gift Is reft away forever

But when the sea and land Like burning scroll have fled, I'll see it in His hand Who judgeth quels and dead, An I when of seathe and loss That man can ne'er rapair, The dread enquiry meets my soul, What shall it answer there I

Literary Department.

THE WHOLE CASE OF THE NAVIGATION LAWS.

We copy the following article from the London Economist. The importance of the subject, and the triumphant manner in which it is treated, relieve us from making any apology as to the length of the article, which we have, indeed, abbreviated by striking out the introductory matter :-

First then, let us examine what has already been done to remove the restriction which the original framers and supporters of the Navigation Laws conceived to be needful to protect our shipping, and what results have followed therefrom. The various attempts in ancient times to secure to this country the largest share of the carrying trade by legislative enactments and restrictions, were embodied in that famous law. called the Navigation Act, which was passed in the 12th of Charles the Second, and which romained in operation without change or modification, until the force of events rendered a partial relinquishment of its principles absolutely need-

By that law it was enacted, that no goods the produce of Asia. Africa, or America should be imported into the United Kingdom except in British ships. With regard to these three important quarters of the globe, an absolute monopoly was established in favour of British ships And it was further provided, that any goods imported from the continent of Europe in foreign ships should be charged with additional rates of duties. With regard, therefore, to three quarters of the globe, British shipping had an absolute monopoly; and with regard to the remaining quarter, it was protected by high discriminating duties. So far, however, as our intercourse with Asia, Africa, and America, was concerned, the contemplated restrictions were in a great measure a dead letter down to the beginning of the present century, inasmuch as the whole of our trade, to that time, was confined to British processions. proclamation to the Mexicans, in which he For example—as long as the United States remained a dependency on this country, nearly the whole of the North American continent stood to "I will not believe that the Mexicans of us in the relation of colonies, to which the restricthe present day are wanting in courage to tions did not apply. Then, with respect to South America, the greatest portion of it formed dependencies of Spain and Portugal, which dependencies possessed no shipping of their own, and the trade of which was regulated by the parent states in Europe. Again with respect to our trade with Asia and Africa,-the whole of it was carried on either with our own dependencies, or with countries who, having no shipping of their own, never felt the privileges enacted in favour of British beings are supposed to be upon the earth; of ships any grievance or inconvenience. Our trade which Europe is said to contain one hundred to those pertions of the glube consisted of that car-We do not intend to step out of our way to those under which the American manu- and fifty-three millions; Africa, one hundred and ried on with our dependencies at the Cape of

Cood Hope, the East Indies, and to China. The two former having all the privileges of colonial passessions, were excluded from the restrictions of the Navigation Laws; and the latter having no shipping with which our lives interfered, experienced no meanvenience from them. As far as regarded all these countries and their trade with Vessels hult in America or the Past Indies had all the privileges of those built in Fugland Churt and other foreign countries with which we traded out of Europe, having no ships of their lewn with which we interfered, were unconscious of the nominal disideantige under which our laws placed them. In short, our trade with those countries would have gone on precisely as it did, irrespective of any law which contemplated an interference with the slips of those countries.

The first circumstance which really brought the provisions of the Navigation Act, as far as it related to the countries out of Europe, into practical operation, was the erection of the United States into an independent country. No longer i possessing the privileges of colonies, their ships 'criminating duties on the ships themselves, and were debarred from bringing cargoes of their own produce to this country; and the consequence was, that those American ships which traded disect to Great Britain were obliged to come in bil-List, in order to carry a cargo back. After long. and repeated attempts on the part of the United States, to induce the English Government to enter into an arrangement, by which so inconvenient pelled Great Britain into the recognition of a just and so wasteful a system might be obviated; and and reciprocal system in 1-15, and feeling the despuring of success, they had recourse to a system meanwhile meaning of the existing system. tem of retaliation, and enacted against British began a few years afterwards to adopt a similar shows a law corresponding to our law against their pretaliatory course, after having made vain attempts sinps. They probabiled the importation of British to have semilar privileges recognised without do-Goods in any but American ships. Thus the trade ing so. In 1823, Prinsia imposed upon British of these two large and important countries was ships sunder restrictions in our trade with that reduced to this absurd and anomalous predicas country, that we imposed upon Prussian ships ment-English ships sailed to America in ballast entering our ports. It then became obvious to in order to bring home American produce, and every reflecting man, that we could no longer American ships sailed to Lugland in ballast in maintain the Navigation Act. To have negotiorder to carry home Brush manufactures. Just ated with Prussia, as we had done with America. double the quantity of ships necessary to conduct would have left us with only the same task to perthe commerce of the two countries were thus rendered needful; and, as the freights obtained it for the voyage one way must have been sufficient 1 to defray the cost of navigating the ships both ways, the transport of the produce of each country must have cost just double that it otherwise would have done. American cotton and tobacco were brought to England at double the cost of British shipowners of the day, who thus showed freight, which additional cost injured the consumer in England, by adding to the price, and injured by others towards them, which they considered the producer in America, by lumning the consumption. British manufactures were carried to America at double the necessary cost, which injured the consumers there by adding to their price. and also injured the producers here by hunting their consumption. And both countries were deeply injured by a wasteful and useless application of much capital, which otherwise might have been applied to other national and prefitable objects-to the construction of canals or roads. the improvement of the soil, or the extension of manufactures; all of which themselves would have led to an extended demand for shipping in a legitimate and useful way. Absurd and ridiculous as this position may appear for two great countries to be placed in, yet we shall find that the whole tendency and spirit of the Navigation laws, even as now existing, has a tendency to produce the same anomaly, when they have any effect at all. These laws, in fact, in their practical effect, are precisely the same as if two rival railway companies, traversing the same county. with lines running close to and parallel with each other, had the power, and exercised it, of confining each other to conveying passengers and goods in one direction, the carriages returning empty: as if two railways were established between London and Edmburgh—the one belonging to the former city, and the other to the latter; as if London were to prevent the arrival of passengers and goods in any other but the London carriages, and us if Ed burgh were to prevent in any trade, it was in bringing their own corn the arrival of passengers and goods in any other and timber from the ports of the Baltic. If the but the Edinburgh carriages—the London carriages going to Edinburgh empty, in order to bring back goods and passengers, and the Edinburgh carriages going to London empty in order to return full. Two lines of railway would be required in place of one, just double the quantity of carriages would be necessary, and the fares would require to be double, in order to recompense for the traffic one way, under circumstances which involved the necessary cost of carrying it both ways. And again, double the quantity of capital would be brought into requisition, for a given object, which might otherwise have been profitably engaged in constructing other railways.

effect at all-of our much praised Navigation

The absordity and inconvenience which arose under this retaliatory system in ... Prade between the United States and Great is an led to the treaty of 1815 between the two countries, by enjoyed by their own ships. American produce could thenceforth be imported into Great Britain direct from America, by American shins on the same terms as in British slips, and British manufactures could be amnorted into America. direct from Great Britain, in British ships, on the same terms as in American slops. It was thus that circumstances forced the first change in the Navigation Act.

But the same principle which applied to our American trade, in the absolute exclusion of their produce, except in British ships, applied practically to our trade with the continent. It is true that we did not absolutely probibit European produce in European ships, but we placed disupon the goods imported in them, which led in a great measure to the same inconvenience. Contmental ships found that they were either obliged to come to this country in ballist, or, if not, at a great disadvantage of duties, in order to carry back cargoes from this country. These countries seeing the process by which America had comgrowing inconvenience of the existing system form towards every other country separately. Mr Huskisson then clearly saw that the case was only to be met safely and wisely by a general law, applicable abke to all countries. The retabatory acts of Prussia, though based only on the principles which dictated our laws, were the object of much clamour and complaint on the part of the how little they approved of a principle adopted essential for them to adopt towards others. This state of events led the government, in 1823, to propose the Reciprocity Acts of the 4th and 5th of George IV., which authorised the king in Council to repeal all discriminating duties on the ships of such foreign countries entering our ports, as were willing to place our ships in a sumlar position as their own, in their ports. It was against these acts, dictated by such an obvious principle of fairness, and by such an absolute necessity of events, that the clamour of the British shipowners of the day was so loudly and so incessantly raised. In pursuance of those acts, treaties have been entered into with-

Prussia, Hanover, Denmark, Oldenburg, Mecklenburg, Greece, Bremen, Hamburg, Lubeck, States of La Plata, Columbia, Holland, France, Sweden and Norway, Mexico, Brazil, Austria, Russia, Portugal.

By these treaties it will be observed, however, that the privileges given to each country extend only to direct importations from each country. This, however, was the strongest test to which British ships could be exposed, of their power to compete with foreign ships. If American ships could extinguish British ships in any trade, it was in bringing the produce of America to this country-in bringing their own cotton, tobacco, and rice from their own ports. If Prussian ships could succeessfully compete with Brush ships ships of any foreign country had the means to destroy the trade of British ships, it was surely in bringing the produce of their own country from their own ports. Those treaties, therefore, as far as they went, exposed Bruish slops to as much more than 100 per cent! competition as if the privileges had been extended, without any restriction, to the produce of any country brought from any port. All that was left in the shape of restrictions was no real protection, but acted only as wasteful and inconvenient annoyances harrassing to the merchant, and inconvenient to the true interests of the country.

Such, then, are the changes which have been made in the Navigation Act, as first passed, up to

the day confidently predicted the rapid decay and ultimate destruction of British shipping. Our navy was to be without men-and our carrying trade was to fall into the hands of strangers No doubt our shinowners of that da, laboured under many disidvantages; the high duties on hemp, subjected them to dear cordage; the high duties upon foreign timber, in protection of the produce of Canada, subjected them to a high price for the chief material which they need : and our corn and provision laws subjected them to an expensive and costly mode of victualling. These were great disadvantages; but, stronge to say, the shipowners, as a body, were always found foremost in the support of these restrictions and abuses; and when Huskisson proposed to relieve them by means of a drawback upon material used in building and victualling their ships, they actually refused the boon. So baneful was the system of protection, that every interest that fancied itself benefitted thereby, opposed changes even in its own favour, lest its own funcied privileges should be attacked or weakened in consequence. Such is the vicious circle in which error runs. But let us see how for the doleful prophecies of the shipowners of 1823 have been fulfilled or falsified by events. notwithstanding the admitted disadvantages under which, they laboured until quite recently they have been relieved of many, in spite of themselves. The gloomy fears of the shipowners of that day anticipated that the privileges granted to foreign ships, would transfer all the trade of this country to those who, it was asserted, could highly and end their ships cheaper than ourselves. The Amerian trade was to be carried on exclusively by American ships. And the continental trade by Prossan, Norwegian, and other foreign ships; and, in fact, our shipping, in future, was to be confined only to our own colonies. What has been the result? For seven years prior to 1823 the shipping tride of this country was nearly stationary. The following is a comparison of the shipping which was entered inwards and outwards in 1815 and 1823, the last year prior to the Reciprocity Acts :-

Shipping entered Inwards and Outwards.

	1815.				
	Inwards.	Ortwards.			
	ton∢.	tans.			
British	1,312,817	1,311 716			
Foreign	673.687	671,335			
Total	. 1,956,504	1,983,951			
	1823.				
	Inwards.	Outwards.			
	tons.	tons.			
British	1.668 336	1,443,592			
Foreign,	524 720	515,774			
Total	2.197,056	1,999,336			

Taking all our shipping during those seven years the increase was only about five per cent. Let us then see what progress it has made under the filer system since 1823. Lest we should be charged with profiting in this comparison by the extraordinary demand for shipping during the last four years, caused in a great measure by the reneal of that very system of protection, which the shipowners themselves strove so much to maintain, we will be content to make the comparison between 1823 and 1842, which was notoriously one of the most depressed for the shipping interest of late years. The comparison will be thus :-

Shipping entered Inwards and Outwards.

1823.

Inwards. Ontwards. tons. British. 1,666,336 1,483,592 Foreign..... 528,720 515,774 Total......2,197,056 1,909,366 1842. Inwards. Outwards. tons. tons. British..... 3.294.725 3,375,276 Foreign, 1.205,303 1,252,176 Total......4,500,028 4.627,446

us, during the neriod when terest was to suffer such decay, the extent of British shipping has more than doubled, and the shipping of all kinds, which entered inwards and outwards in the trade of the country has increased

But let us examine how far we were indebted to our colonial trade for this increase, and low far to the foreign trade, in open competition with the ships of all the world. For if it could be shown that the chief increase of British shipping had been to our colonies, where we still enjoyed a to the country, in consequence of the free trade strict protection, even this increase would not prove the groundlessness of the fears entertained one Aundred and sixty-fear per cent!! by the shipowners. If, on the other hand, it, can

spirit, and such is the effect—as far as they have the effects of these changes. The shipowners of increase of our shipping was to those foreign countries, where we met foreign ships in open competition, and where we had no exclusive advantages then it will be conclusive evidence, that the apprehensions of the slippowners were groundless. and that competition had worked for them the same advantage that it has done to the silk manufactures and to the iron masters. We have before us Parlimentary returns, showing the proportion of our shipping engaged in the colonial and foreign trade, in 1820 and 1842, from which we gather the following ficts

In 1820, the 1,549 508 tons of British shipping which left our ports, were thus distributed :-

British Shipping entered Outwards to British Possessions.

	tons.	men.
Gibraltar	14.375	820
Malta	5.171	300
Ionian Islands	7,898	436
Cape of Good Hope and coast of	•	
Africa	21.559	1,230
St Helena	1.835	95
Mauritins	753	44
East Indies	51.133	4,028
New South Wales	2,823	
British North America	311,650	
British West Indies	233,486	12.900
Guernsoy and Jersey		5,161
Total to British possessions	746,822	42,820
Total to foreign neutral countries	802,686	53,029

We thus see, that even in those times men ere so little aware of the actual facts connected with our shipping, that, while protection to our colonies was maintained by many, chiefly on the ground that they were the sole dependence of our shipping interest, and the only nursery of our seamen-and while the Navigation Laws were insisted upon, as being essential to the existence of our shipping, nearly fifty-two per cent on British tonnage, even then, was employed ma foreign trade. where we had no protection, but entered into free competition with the shipping of the whole world, had such a fact been well known, and duly considered at the time, the apprehensions of our shipowners, as to the effects of free trade, 1 ght have been entirely removed.

Let us now see how the British shipping. amounting to 3,375,270 tons were distributed. which left our ports is 1842,-after nineteen vears' experience of the Reciprocity Acts, which were to destroy all, except our colonial trade. The following is the account :-

British Shipping entered Outscards to British Possessions.

}	tons.	men
Gibraltar	43,503	3,606
Malta	40,141	2.043
loman Islands	7.055	398
Cape of Good Hope and coast	•	
of Africa	34,022	1.901
St Helena	3,979	218
Mauritius	16.307	803
East Indies	202,101	10.070
New South Wales	51.234	2.878
British North America	446,542	19,420
British West Indies	261,344	14.839
Guermey and Jersey	144,366	12,625
Total British possessions	1,250,937	68,809

Total to foreign neutral

Grand Total to all countries ... 3,375,270 186,816 This account shows that we are dependant, for he employment of our shipping and our sailors.

to the extent of sixty-three per cent, upon neutral countries, where we enjoy no protection, but where we meet in open competition the ships of all nations: while our own possessions, in which we still have exclusive privileges, employ only thirty-seren per cent of our slups and our sailors; which shows even more strongly how little colomal protection can be insisted upon, on the grounds they are the main stay of our great commercial marine—the main source of the supply of sailors to our navy.

Now, let us see how the increase, during this period of British shipping employed to our colomes, compares with that employed in the foreign neutral markets of the world. The comparison will be as follows:-

British Shipping entered Outwards.

To British posses-countries..... 802.696 2,124,333 164

Total......1.549.508 3.375,270

Thus showing that that trade, which was to by the only future support of shipping increased during the period in question eizty seven per cent. while that which according to the prophecies of the shipowners in in 1833, was to be entirely lost measures the, adopted, increased no less than

Can we have any stronger evidence of the or for any other purpose. Such, however, is the this time. Let all shortly inquire what have been be shown, that at least the same proportion of the groundlessness of these apprehensions, which arise from a fear on the part of the British shipowner to encounter any competions which could possibly be brought against hun! And if so strong a case is made out to show how groundmy possible injury to the one, but with great ad- (S. C.) Courier. vantage to the other.

It would, doubless, be too much to expect that, during the present session, the Government will Navigation Laws: but we cannot doubt that the inquire, which is now going on before Mr. Ricardo's committee will lead to a measure early in the first session of the new parliament, calculated to tions to our commerce, which these laws inflict: and we feel the more confident on this subject. lord the President of the Board of Trade.-[London Economist.

CORN MARKET IN JERUSALEM.

The corn-market is a place covered over, and having a front with two arched contrances, which seem to be the remains of a building that his been erected and used for some other purpose The floor is neither flagged nor paved, but is in a England for Smelting Copper by means of rough and uneven state. Those who come in Electricity. with corn, bring it in small quantities bound up in a coarse camel's har cloth, and they sit down in the middle of the place until they dispose of in the saving of fuel is so vast that in Swinsca the work of dressing or separating the chalf from coals at no less than five hundred thousand the wheat, is carried on in the market during the specific or separating the chalf from coals at no less than five hundred thousand the arms together and at allow. Lazinescand in the arms together and at allowed the process of pudding the wheat, is carried on in the market during the specific or separating the chalf from coals at no less than two days what the small things, nor in g.eut. One butle single he has small things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has small things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has a way."—Mr. Sergeaut Adams, whose singular-intensive the small things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. One butle single he has all things, nor in g.eut. On sieve much like an English one, only instead of at present excludes it.

The facility and cheapness of the process, too, spells for the bottom, they use a kind of hemp string, well twisted as thick as sad-twine, and spot. The Cormsh mine-preprietors are anxious for a plowing, sowing, dressing, and grinding are of a they must be made the size of dinner plates. piece.-[Lawthian's Visit to Jerusalem.

THE CHANCES OF LIFE.—PEACE AND WAR.

The Topic says, a comparison of the registers of mortality will convince us that a hero, placed in the trenches of a beleagured fortress, where he is exposed for weeks to a continual shower of cannon shot, or placed on a field of battle, before the bravest and most resolute of his enemies, has a much better counte of life, runs less risk of premature death, than if he worked in some undrained street, and slept in a crowded room in Bristol

Siege of Plashing	420 to 1
Singe of Milwerp	to to 1
Siege of Balajas	
Battle of Waterloo	
Shopkeeping, Lastrpool	
Weaving, Manchester	17 to 1
Sawmaling, Sheffeld	14 to 1

n year of 3 % days 105,120,660. Let us suppose now that Adam at the first beganning of his exisminutes

Dinger Strew Lish with Bengius .- The Chamber of Commerce at Antwerp has just apon a projected line of steamers between Autwerp and New York.

Scientific.

SELEANTLATING LIFE-PRESERVER.

We have in our office a Life Preserver made less those fears, were during the last twenty-five, of India Rubber Cloth, and distended by wires years, how much less reason is there for such ap-oplaced internally in a spiral form. At each end prehensions-now, that the duty on bemp has folidus cloth tube are metallic cases, or guards, been entirely repealed; now that the duty on for with valves. When the air is exhausted, and reign timber is only about one third, what it was, the preserver folded up, closely, (then occupying then, and now that our ships are allowed to be but a space little larger than the palm of two victualled with provisions and stores of all kinds hands) if drawn out suddenly, with force, the from our bonded were houses, free from the pay- vides open and admit the air, which inflates the ment of dates of any kind. In another article tube -Being thus distended with or, the volves we will endeavour to show that the protection at of course, resist its escape, and he who has use present emoved by British shipping is a more name for the article has only to place it around his body. and a delusion-having no other effect than em- and faster it by a catch easily fitted, to float as barasong the merchant and deceiving the ships securely as one of unither Carey's chickens on owner, and that it might all be removed without the top of the most angry waves -[Charleston]

IMPROVED MAIL BAGS.

We have been shown a newly invented in al., introduce any meisure on the subject of the big manufactured out of Indian rubber, which from its many excellent qualities, will probably emersede those now in use. The bag is so atranged that when closed it is perfectly air tight and of course, water proof. When filled with remove the ascless, but highly injurious, obstruct fetters, or any making matter, sufficient air in rosa duces uself to render the whole extremely buoyant; and thus in case of accident, such as the from the enlightened views and the firmness of surking of a vessel, the mail bag would always purpose in a wise course, possessed by the noble prise to the surface of the water and ats contents he kept perfectly dry . They are minutectured by Messis. Rider and Brother, at Harlem, and can he afforded at about the same cost as the leather

SMELTING COPPER BY ELICTRICITY.

A discovery has been recently patented in

the wheat, is carried on in the market during the , pounds. Hence it is clear that the price of copper time of buying and selling. This is done with a must be so enormously reduced as to bring a mio

string, well twisted as thick as sanswine, and spot. The Cormsh mine-proprietors are anxious, it me some more keep violations with these saves, and a unserable substitute for a cousty expecting the moment when they can bring. Livish not all your love on to-day, for remember to the control of the control o of traders who sit around the sides of the market and each of these have good large heaps pixed up against the wall. I magned they were corn as they were engaged in buying it from the to be smelted at Swansea; and the results was their and then would deposit on their heaps others and then would deposit on their heaps will smelt her own copper, by a lid horse process, which was all this useless treight of the \$100 tons of the old and wheat. Barley is very small and light, and is used of feed their horses; and as for outs I never have any. The science of agriculture is not much understood, and no concern appears to be felt for improvement; and I may also observe that it is now produced by all the rest of the world. But if our future penny-pieces are to hear any assume an insertes treight of the Stuff tools of refuge; and saving also the cost of the old and expensive process. In a very few years Australia will send to market more copper than is now produced by all the rest of the world. But if our future penny-pieces are to hear any assume an inserted strength of the Stuff tools of refuge; and saving also the cost of the old and expensive process. understood, and no concern appears to be felt for our future penny-peices are to hear any propor-improvement; and I may also observe, that their monto the reduced cost and value of the metal,

This discovery is made at a very fortunate time for Canada, as the working of our copper mines is only just about to commence.

CURE FOR THE CONSUMPTION.

Twice a day for a week did be continue his ex
von see it in all its strength. In short, it such a feature of the performent, and with increased success. He then then as true piety exists on earth, we may look the influence of the piety exists on earth, we may look the feature of the piety exists on earth, we may look the feature of the piety exists on earth, we may look the feature of the piety exists on earth, we may look the feature of the piety exists on earth, we may look the feature of the piety exists on earth, we may look the first piety exists piety exists piety exists on earth, we may look the exist piety exists piety tence had be an to count, and had continued to was equally surprised at the improvement of the grandeur and native excellence."

do so, and was counting still; he would not even patient's health, and advised him to continue his and a so, and was continued to the assually supposed age of the anhibition night and morning. In the space of globe, have control near enough. For the countrol multiple anhibition night and morning. In the space of the countrol near enough. For the countrol multiple anhibition night and morning. In the space of the countrol near enough. For the countrol near enough the countrol three months his cough left him, and his appetred three months his cough left him and morning. The first him and him and morning him have been himiding forty fivence. The first him and him an country; he delayed doing so, however, until a

For the Ladies.

THE KNICKERBOCKER for May has been pub-We take from a poem by J. A. Swan, the following lines, which seem to us to possess much sweetness and pathos.

She by as in a dreamy rest. Her hands meek tolded on her breast: Her lips which knew no word of guile, Half parted with a beaming smile I could not make her dead.

A pale rose gemmed her taven hair. As if it loved to blossom there; Those silken locks, that without check Twined with the bloss of her neck; I could not think her dead.

The birls sang sweetly in their play. Beneath the easement where she lay; And then I knew she only dreamed, For every thing so bleshke seemed. I could not make her dead.

The sun sank golden in the west, And left his last beam on her breast; And sweetly there it quivering by, And shook her vest like the heart's quick play;

I saw she was not dead.

He tried to frield me with his sneech His solemn words, that cumming leech: That the tile of life had ceased to flow: In vain, I knew it was not so: I knew she was not dead.

Like two twin flowers upon one stem. We grew and loved and bloomed like them Twas not in Nature, then that one Should fade the other still live on: How could my love be dead?

They fold me of a cold dark grave, And sighing leaves that o'er it wave; Of the mottled worm would be the guest Of her I loved the degrest, best; I dared not think her dead.

But when I pressed her sweet lips twain, And felt no kess pressed back again; Vid in her eve no tears could see. When mine were flowing moornfully, I knew her spirit fled.

heart, as well as the key of his house. His honour A his home are under her keeping; his well-heing is in her hand. Think of this! And you, sous, be faithfur husbands, and good fathers of families. Act so that your wives may esteem and love you -l Frederica Bremer.

THE WIFE -It needs no guilt to break a husband's heart; the absence of content, the mutter-ings of spleen, the untidy dress, the cheerless home, the forbidding scowl and deserted hearth; these, and other nameless neglects, without a crime among them, have harrowed to the quick the hearts core of many a man, and planted there beand the reach of cure, the germ of dark despair. Oh! may woman, before that sight arrives, dwell An officer in the British service, residing in the the dear idea of that touchil time, awake and An oncer in the main service, the constraints and the mean in the main summer and then so kindly gave, ease, and was reduced by it to nearly a skeleton. Ved though she may be the injured, not the injuring one—the forgotten, not the forgetful wite—a happy allusion to the hour of peaceful love—a happy allusion to the hour of peaceful love—a lappy allusion to the hour of peaceful love—a happy allusion to the hour of peaceful love—a hap and he hunself had given up all hopes of long continuous of hie. He was one morning crawled to hove to bound hosele words—a kiss of peace to pardon all the past, and the hardest heart their amediate of "Kentuck" in the Spirit of the Times, and both the spirit has been betthing some wine.

The Heri or the Negro —That is a capital many short heart heave the true amediate of "Kentuck" in the Spirit of the Times, distincting the thickness and insensibility of a heart had hoped.

The Heri or the Negro —That is a capital many short heave to both the past, and the hardest heart there is a mediate of "Kentuck" in the Spirit of the Times, distincting the thickness and insensibility of a heart had hoped.

returned. In six months his health was so improved that he contemplated returning to his native like a blooming flower-bed on the slope of a volcano, whose next cruption will overwhelm it with year had expired. Still persisting in his new destruction. Ah! either the tuture or the past is written in every face, and makes us, if not melanding was once more a sound man.

Pierse."

TO YOUNG FARMERS.

We wish to employ a young, active, intelligent person in each District of the Province, to net as general Agent for the Canada Farmer. We find that 'oral Agents do not interest themselves sufficiently to do us much service. To general Agents who will take the trouble to urike accasional ditours through the different townships to procure subscribers, the most Itlocal allowances will be uside. We feel assur-'ed then no incelligent person needle ushamed of our journal, or hestate to recommend it. Wo are determined that it of all occupy the first postion as the Tarmers' Paper; our readers can, by the time, form some opinion as to our abilmy to place it there.

Those who may be willing to undertake an Venev, as above, will please communicate with his as soon as possible, when we will make known our terms

Scraps.

A GAMBLE OFFICE OF A JOHN -A notorious scamp was brought not long since before an Onondaga Justice of the Peace, charged with the logh torsochocarour of gambling. He was accused of having 'come the strap game over a native. The port'y Jostice wishing to decide un-derstandingly, requested the culerit to give him a simple of his soil. "The Party instantly produced the lates." produced the leather-strap, gave it a scientific which neroscible to the and remarked; 'You see, Judge the quarter under this strap?' 'What!',' interrupted the dignified functionary; "do you mean to say there is a quarter there?' 'Sartan!' mean to say there is a quarter there $\Gamma = Sartan \Gamma'$ was the reply $= \infty$ No such thing, said the Justice. was the reply "No such thing said the Tustice, "Pil go you'd dollar on it," said the prisoner, "Agreed!" evelamed "the Bench!" With ac-"Agreed: evelamed "the Rench" With ac-customed adroitness the strap was withdrawn, when lot there was the quarter! "Well," sail the astonished Shallow, "I wouldn't hat believed at if I fodn't seen it with my own eyes! There is your dollar; and you are fixed dollars status in such case made and provided." The clongated countenance of the discountited gambler required no additional evidence to tesaly his apprecannon of the sick. -[knickerhocker.

home. One's own health is of more worth than gold. Many a marriage begins like the ross mortung, and then falls away like the snows wreath. And why? Because the married par jury, you have he ard this case—off goes the pudinglected to be as well-pleased after marriage as fore. Endeavour alway to please one another but, it the same time kee, God in your thoughts. Lavish not all your love on to-day, for remember you; gentlemen, consider your verdict." At the that marriage has its to-morrow likewise, and its close of this hold and satisfactory address, the may dressing-machine, they half dress the corn, for I the one whit hay in the innex yesterday, into a day after to-morrow theory will be an interest to be sent to market to morrow, and the attemption of traders who sit from the sides of the market, and each of these have good large heaps pixed up and each of these have good large heaps pixed up and each of the corn, of t on her hand he must be able to confide house and the settled the poor jury men at once, and turning arount; be able to current her with the keys of his house. His honour A his home are under her keeping; his well-being its in her hand. Think of this! And you, sons, be fouthfur his high mids, and good fathers of fouther her weighter for the first forthfur his high mids, and good fathers of fouther for the first forthfur high mids, and good fathers of fouther for the first forthfur high mids. fortagist

"A little more anaronou my dear," whispered Lady B. to the gentle Susan, who was walking langually through a quadrile. "Do leave me to manage my own business, mamma," replied the provident uymph; "I shall not dance my ringlets out of curl for a married man." " Of course not my love; but I was not aware who ur partner

A gentlemen rode up to a public house in the country, and asked, "Who is the traster of this house?" I am, sir," replied the landlord; "my wife has been dead about three weeks."

REFORT COURTFOLS -A young lady, who was formerly a member of a church of the old school, had left it and joined another. On Sunday morang, as she was on her way to meeting, she met her old numster, who howed to her very cold-by, and said—"Good morning, daughter of the devil." "Good morning, tathor "the said to be

or Laverpool. The chance of life was at the.

Siege of Piching 420 to 1
Siege of Piching 520 to 1
Siege of Waterp 65 to 1
Sieg

Why will women of the present day make conomical wives? Because they make a great bustle about a little scarst (waste.)

In what does a cigar differ from an author? With every paff the former diminishes, while the latter becomes higger with every paff he gale.

our general travelling Agent for the Gore District. All business transmeted with him from this date, in reference to the Canada Farmer, has our s metant.

News Department.

THE GROWING CROPS.

From the statements which we find in the American papers, it would seem that there is every prospect of an abundant harvest-partentarly in the great West. The tobaccound cotton crops have been severely injured by the cold weather and hail storms, but the ground Couract states that good American thour as held occupied by them has been planted with at eleven dollars per barrel in that city! corn or other grain, more useful as food for man. In the Western part of this Province all spring crops look well; the fall wheat will winter. In this district, itso, many notes are thin from the same cause, and cumut, no of Argyle.

Sr. Lawrence and Arrestic Remover.—

Ground was broken at St. Hyacinthe for the commencement of the St. Lawrence and Adamic as we can learn from the local papers (which, by the bye, pay little attraion to these things), the farmer's prospects at very good.

A destructive fire took place in Kingston on Monday morning last, about nine o'clock, Mr. Greer's storehouses and shed, with a large portion of their contents, were consum-The News states the distruction of property to amount to 6,000 or 8,000 battels of One flour and some park.

Large numb is of canginats have arrived at Toronto within the last few days. They w remostly trish, some of them apparently very

Mr. Macdonall, the new Receiver General, has been elected for Kingston.

Mr. Sherwood has been appointed Attorncy General for Canada West, and will prolably be elected for Toronto without oppost-

GREAT RIST IN THE GRAIN AND FLOUR MARKET.

There are small such sof grain all over Europe consequently dearness of provisions more and more felt. Another important anyance his taken place in the value of bread-stuffs, as well in Great But en as in many of me is ar Conmental ports.

Canadan Red Wheat, 13s 6d to 14s; White, Hein He Bd., Cantel States Red Genesee, was 13-9d to 14s., Wine, do. 14s 34 to 14s 3d.

Indem Corn was worth 50s to 51s 6d, on the 4th instant : vesterday it brought 63s to this per quarter of 440 lbs. On the 4th, Cambrin flour at 10s to 41s per barrel; funted States sweet at 23s to 40s 6d; the quotations of to-day show a

scarcity prevails in all parts; but as the pavigaopened, large supplies were expected to come down the river in a very short time; whereby the wants of people in the country would not only be supplied, but numerous cargoes would be transported to this kingdom.

NEW YORK MARKET.

New York, June 3. Ashes without any change of importance. Preights higher sengagements made at 4s.

Tehre was a great exchement in bread-stuffs, from the announcement of the Hiberma's news. and the attendance on 'Change was very large.

Plour went up rapidly this morning and large were made at prices varying from \$2.75 to \$150 for Genesce. At the close, the demand was still good for slapment. Agaregate sile about 39,000 barrels. The market closed at \$9.374 to \$9.50 for Viengan. Holders of

Genesce were generally from at \$3.50.

Holders of meal wanted \$6, but there were few buyers at over \$5.75, though sales ranged

from \$5:374 to \$5:574. Rve Flour \$7:25 to \$7.75.

The grain market partook of the excitement in

Wheat advanced to \$2,25; at which 6,000 or

P.(iii) hushels were taken. Corn holders advanced to \$1.25 to \$1.30, with

large sales at these figures. Oats sold rather freely.

WOODSTOCK AND LAKE ERIE RAILROAD. -The Woodstock II raid, in acknowledging a receipt of a prospectus of this projected line, remarks:-

The plan embraces not only the construction of a railroad, but also the formation of a harbour on Lake Eric, and the building of eight vessels for the transport of the Lumber. and also of two light, fast steamers. Engineer's Report states that it has been the purpose of the projectors of the undertaking from the first, to construct the Ruilrond of metalized wood; according to Mr. Prosser's patent. The Engineer, has, however, for various reasons, which we think are very ood ones, estimated for a common plate Rail Road, similar to those in use in the was opened on the 16th instant.

Mr. Thomas C. Hagarman, of Bronie, is States. Our space will not permit us to insert the probable annual expenditure and gross yearly income from the Report. The

Net income - - - .£17,693

Or about 114 per cant, on the capital necessary to be expended by the Company, which the Engineer estimates at £153, 107 2s. 6d.

A lighthouse is about to be erected on Red Island.

The ice was fast in the Miramachi River on the file of May.

School is New Brusswick.-The St. John

The corner stone of a new house of Refuge, in Rochester, was laid last week.

The Montreal Gazette announces that her Manot recover entirely from the effects of the person of the Cign, the Order of the Thisle: the vacancy thus winter. In this district, also, many fields of the open is eccasioned by the death of the Duke

Radway at that place.

The two criminals who were sentenced at the late Brockville Assires to be bringed on the 27th inst., have had their sentence commuted to imprisonment for life in the Provincial Pennennary.

ISCENDIARISM IN EAST FLAMBORO'.- Lest week a straw-stack, barn and shed, belonging to Mr. David Panger, East Flamboro', was destroyed by fire, which originated in an act of incendratism. Dougherty has been committed for the offence.

WHEAT.—The Lagrange, Mo., Fire Press says the wheat in that region looks unpromising. It is extremely doubtful whether anything like an average crop is obtained.

THE AMERICAN TARREST OF 1842 OND 1846 -Amount of duties collected at the port of New York under the Pariti of 1846, from the 1st day of December, 1846, to the last day of May, 1847, 5 : 87,834,0-0 27 Amount collected during same

period, from 1st December, 1845, to lat May, 1846, under

taral of 1842, 7,804,890 50

Excess received under tariff of 1846 over tariff of 1842, in

the first five months . . . \$30,091.74 There is in warehouse a considerable amount of

goods upon which duties have not been paid— which if paid would swell the receipts very much. showing the favourable effect of the change in the tarılı.

Ma George Stephenson's New Loconomy E. -We have some months back mentioned that Mr. Geo. Stephenson, C. E., had invented a three-cylinder engine; that is, one with two out-side cylinders acting both together the same way and in the same plane, and a third cylinder, with a crank in the middle of the axle, at right angleat the to 41s per barrel; United States sweet at 23s to 40s 6d; the quotations of to-dry show a 23s to 40s 6d; the quotations of to-dry show a to the plane and crank pins of the two other two 6s to 8s a barrel on the former, and 2s 6d to 9s on the latter.

Accounts from the Comment show that much scarcity prevails in all parts; but as the party of the other two. We understand that the compensation by this unddle cylinder is so perfect, that not the least wrighle takes place at the behavior of the plane of the two other two. at the ingliest velocines. Its power is said to be each that it starts off like an arrow from a bow. If this invention succeeds, it will annihilate the list and final point contended for by Mr. Brunel as a merit of the broad gauge—that is, power. Far more power will be able to be thrown into the engine than any road can well bear.-[Rail way Magazine.

> Estimation to America -21.892 passengers were entered at the Custom-House, New York, from 1 pe, during the month of April (ast 10.616 sons suded from England, Ireland, and 10.616 Scotland, bound for Canada, from the second to the 11th April inclusive.

> 6000 young men of French Canadian Parentage are employed in cutting tumber for expor-tation on the Ottawa. There are two hundred different lumbering places on the banks of the Ottawa.

> Some robbers lately entered the Post Office at Quebec, and stole from it \$20 in notes and

> A new line of steamers have beenput on the route between New York and Boston.

The Island of Maderia is suffering severely for

SAD DISASTER -The Newfoundlander of the 22nd ult., records the loss of the scaling schooner Margaret, and of the awful loss of human life which accompanied it. Some of the crew, who, it appears, arrived in Harber Grace, on Thursday last, report that on the 9th instant, the vessal r in ashore in the neighbourhood of Greenspond, when the master, Mr. David power, a man much respected, and twenty of the crew, were in a few maments, burried into etermty.

The governors of the Montreal Hospital have dected six additional physicians to the former staff of that institution.

In Montreal the duty on Auctioneers has been reduced from £50 to £25.

Iron wire is to supererde that of copper on the telegraphic line between New York and Albany.

The water in Lake Michigan is a foot lower than it was last year at this time.

A new Free Church in Peter-street, Montreal,

In answer to a memorial of the inhabitants of Quebec, soliciting the nid of the Home Depart-ment in the construction of public works in the Province, the Secretary of State admits the im-portance of the prospect of establishing a railroad from Haldax to Quebec, but until the survey is completed, her Majesty's government cannot enter upon a consideration of any such proposal.

A Curious Count House.-The following is an extract from the presentment of Grand Jury of the District of Gaspe:—It is well known to your Honourable Bench what some of money Government has paid for the hire of a building, better adapted to the accommodation of cattle, than for any estensible purpose. Grand Junes have been abliged to debate in a stable, upon a vegetating carpet, produced by the animal power of concoction.

One of the most certain modes of detection counterfeit silver money, is to draw the edge of a sharp penkinte across the surface. If good, it will cut like a rich old cheese—if counterlet, the edge of the kinde will catch, as if it had come across some hard substance. After acid applied to the cut only bluckers silver, but produces a green solution if the com be spurious.

The North American Lakes have been found to contain 1400 cubic unles of water, or more than half the fresh water on the glube, covering a space of about \$0,000 square index, and chaining a country of not less surface than 40,000 square miles.

A London correspondent of the National Intelligencer says:—"The deficiency in the potatoe crop of last year is estimated at 8,142,299 tons; to supply this deficiency would take as an equivalent, 1,434.324 tons of Indian corn, which at 1d. per lb. would amount to £13,424,357."

A fossil cherry-tree was discovered lately in a hed of sandstone, in the Isle of Wight, 200 feet below the level of the earth.

Three persons lost their lives in crossing the Otomabee river at Peterboro' on a scow, a few days ago. Their names were Mrs. John O Brien, and two young men, Shankkine and Cuff.

Emon ever Passesanna.—From the 1st of January to the 17th of May inclusive, 44,627 streage passengers arrived at the Quarantine Station New York while 527 deed on their passage during the same period. Of those who arrived 795 were admitted into the Marine Hospital, sufforms with fever, and of whom 65 died. The whole number admitted into the nospital with disease general" was 1,115.

Three soldiers who attempted to desert Kingston were fired One was killed and the others badly wounded.

The hoders of the steamhoat New Hampshire while on her trip from New Orleans to Little Rock, expladed and 15 lives were lost.

In 1847 there have been 1087 marriages in the Island of Montreal, and burials 1423 females and 1393 males.

An Engineer has been engaged by the Peterbo ro and Port Hope Railroad Company, to survey and lay down a line of railway.

The delt of the city of Montreal amounts to nearly £191,000, of which £41,000 is due on the Bousecours Market, and £51,200 for the purchase of the Water Works.

Mapsing.-The Journal of Commerce has a letter from this I-hand stating that the famine there was caused mainly by the total loss by rot of the putatoe crop for the last two years. Flour sells for \$24 per barrel.

LICENSE OR SO LICENSE -The returns from 231 towns in this state (New York) present the following result of the vote on the license ques-

For License 193 towns For no License 83 towns

Majority 115 towns

Party in 1848 there will be sixteen steamships regularly plying between New York and Europe, by which means a weekly communication will be kept up with Fugund. France, and other countries in the Old World, independently of the Boston line of Cunard steamers.—[Mon-treal Courier.

RIOT AND FIRE.-We learn that the buildings at Ravenswood, opposite Blackwell's Island, known as the Long Island Farms, and formerly occupied by the orphan children in the care of the city, were attacked by a mob on Wednesday night about twelve o'clock, and parily destroyed he violence, then deliberately fired and atterly consumed. The buildings cost about \$40.— [New York Tribune.

Tons at o is Griefis, Geo.—The American Whig states, that a most violent torough passed over the Scathwestern part of that town, on last Saturday week, which demolished several honses of both wood and brick. The lady of Mr. Bul-lard, and three small children, were considerably. but not dangerously, injured by the falling timhers of the house in which they were at the time. No other persons were injured. A carpenter's work bench was taken up, dashed to pieces, and parts of it carried a distance of from outly to three hundred yards.

QUICK L'ASSAGES .- WRECK OF THE EXMOUTH-The packet ship Adam Carr, Capt. Wright, arrived at New York from Glasgow in the unprecedented time of 16 days; and the schr. American Belle,

ted time of 16 days; and the schr. American Helle, Capt. Baxter, arrived at Boston on Fridey, from Sign. 3rd, instance.

The Adam Carr brought no news, but in a copy of the Glasgein Hende is given a full account of the wreck of the brig Exmeetts, Beett, from Landonderry for Quiebec, which was wrecked on the Island of Isley, accessioning awful destruction of lumian life—all but three seamen being involved.

in the general rain. Her crew consisted of 11 men, and she had on board as passengers about 240 emigrants, principally small farmers with their families. There was also a number of women and children going out to join, their male relatives who had already settled in Cahada; and in the cabin were three young ladies, two of them sisters, go-ing to their homes at St. John, New Brunswick. Among the passengers were only about 60 men. At the date of the latest advices from the island about 20 bodies had come ashere, principally females; one was a little boy. All were terribly mangled by being dashed against the rocks. other bodies were seen floating in the surf, but no boat dared approach them. The captain has left a widow and family. The scamen were all unmarried, save one, George Ross.

NEGLECT OF FLAX CULTIVATION .-Among the unfavorable features of the accounts from Ireland the prospect of a neglect of flax cultivation may be regarded as serious, imamuch as the nanual products of this branch of industry are usually estimated at £2,000,000. The price of seed has greatly fallen, although supplies are low in consequence of no shipments having been made from the United States, whence the export generally averages 8.000 tierces; and dealers allege that they have never known so limited a demand. This appears to have arisen not so much from the paralysis which has prevented a large portion of the people from attending to cultivation of any kind, as from the fact of the high price of wheat having tempted those who are still disposed to exert themselves to devote their means to an increased production of that article, and thus to discontinue their ordinary produce. It is to be feared, however, that this will prove a mistake.

THE WESTHER AND THE CHOPS.—A gentleman who has just made the tour from Baltimore to Pittsburg, on the Ohio, thence through Mend-ville and Trie, Pa., to Bullalo, and thence by railway to the Hudson, informs us that the weather experienced was uncommonly warm for May, and that the drought throughout the whole section of country has been so protracted, that the grain crops of every description bear obvious indications of its highing influence. The drought has cut off the usual green pasturage of the season, and the prices of all kinds of marketing are very high.—[Ohio Journal.

Chors .- An observing citizen of Columbus, who has recently returned from a pretty extensive journeying among the counties between the Scioto and Miam, authorizes us to say that the wheat crops look fine, and promise a full average yield, with an ordinary season from now till harvest. From some regions we hear croskings. about a prospective fadure of crops. Isolated cases of the kind no doubt exist; it were strange if they did not. But as a whole there can be no cause to apprehend that Ohio will not have abundant for her own use, and samething abundant for her own use, and somothing to spare "for the relief of Ireland" next year—should her necessities again require.—[Ohio State Journal, 20th May.

WHELT CROPS IN SOUTH CAROLINA .- The Greenville Mountaineer states, that great com-plaints are made of the injury which the wheat crop has sustained from the fly to that section of the country. Many fields are almost entirely ruined; others are scarcely affected; but the average crop, it says must be small.

To IMPROVE THE FLAVOR OF COFFEE. -To each pound of rousted codies add forty to fifty grains of carbanate of sada. In addition to improving the flavor, the sada makes the coffee more healthy, as. it mentralizes the acid contained in the infusion.

DEATH OF SIR WALTER SCOTT.—Died of dys-emery, at the Cape of Good Hope, on his way home from Madris, Lieutenant Colonel Sir Wal-ter Scott, Bart. of Abbotsford, eitlest son of the author of " Waverly." Sir Walter was born in 1801, and was a Lieutenant Colonel in the 15th Huzzars. The barouctey is extinct, but the Ab-hotsford property passes to Walter Scott Lock-hut, a Cornet in the 10th Lancers, the only son of the editor of the Quarterly Review, and the only grandson of the author of "Waverly." Sir-Wulter was married in 1825 to a Miss Johnson, of Lochere, Fife, who still survives.

Toronto Market Prices.

Tune :>	3.	a,			₫.
Flour, per barrel, 196 lbs	27	G.	4	32	6
Laterard mer barrel 196 lbs.	-26	3	44	27	6.
Wheat, per hashel, 60 lbs	5	TU.	4	7	.0
Ryo, per bushel, 56 lbs	2	. 9	æ	3	4
Barley, per bushel, 48 lbs	.9	.4	4		8
Oats, per bushel, 34 lbs	1				2
Peas, per husbel, 60 lbs	Ý.		4	3	4
Potatoes, per bushel	3		4	4	6
Onions, per bushel	.õ				ŭ
Tub Batter, per ib	ŭ		a		7
Fresh Butter, per lb	ŏ		a	-	8
Eggs, per dozen	ŏ	44			5
Beef, per cwt	17			·22	ŏ
Beef, per lb		3			.4
1 12 mls man 100 Hz.	18	ğ	-	23	6
Pork, per 100 lbs.	95	. 0.	, <u> </u>	40	õ
HAY, per toll.	. 35			30	
Straw, per ton	35		a		()
Timothy, per bardel, 60 lbs.	3	Ų.	å		3
Mution, per lb., by the qr.	0		-	_	5
I vest, her to, hy the dr	u			0	
Turkies, each.	Ū	.0.	٠	,u	0,
Gecog, each	2	6	4	3	.3.
Ducks, per comple	ુ. 🖁			2	
Fowle, per couple	73	. 6,	٠,4	.2	0
Chatterns, per comple		. 0 ,	, 4	0	. Q
Bacon, per ib	.0	े 4 0 3	4	, O.,	. 5
Hame, per cut	40	0	٠.	45	
Lard per b	_0	_31		Δ	5

Advertising Department.

NEW CHEAP

Clothing and Tailoring

ESTABLISHMENT, 130 YONGE STREET, TORONTO.

Samuel Morphy

BEGS to inform his summerous Friends and the Public that he has commenced business in the above line at No. 130 Yonge Street, Two Doors North of Queen Street, and adjoining Mr. Good's Foundry.

A VARIETY OF READY-MADE CLOTHING

anitable for country use, constantly on hand and will be sold Cheup for Cash.

Farmers' Cloth received and made up to order on the most reasonable terms.

Teronto, March 17, 1847.

Notice to Agriculturists.

TOHN BELL. No. 7. VICTORIA STEERT. ToTOHN BELL. No. 7. VICTORIA STEERT. ToRORTO, CARRIAGE, SLEIGH. AND AGRICULTURAL IMPLEMENT MANUFACTUR.
ER, begs to acknowledge his sincere thanks to his
numerous Friends and Customers, who, for a series
of years, have so liberally patronised him in the
above line. I B continues to manufacture, and
keeps constantly on hand, Double and Single Carriages, Lumber. Waggons. Carts, Lumber and
Pleasure Sleighs, Cutters, Harrows, Scotch Ploughs
(Wooden).—an article that defies competition, one
of which was awarded the first prize at the late
Provincial Agricultural Exhibition—Horse Rukes,
Turnip Drills, and every article in the Agricultural
Implement line.

He calls particular attention to his "Premium two Horse Reaper," which obtained the prize at the late Meeting of the Agricultural Society of this District, and was pronounced by the Judges to be superior to any Machine of the kind ever imported into the County. The machines are warranted to cut from 15 to 20 acres per day in a satisfactory manner, and will be sold at \$90 cash or \$100 at six months with good security. good security

J. B. in offering the above mentioned atticles to the Public, begs to be understood to warrant every article manufactured by him, and having had a long practical experience in the business, and employing none but first rate Mechanics, feels confident that he can give general satisfaction.

All orders practically assetted to he a present and

All orders punctually executed when accompanied with Cash, or approved references in the City.



Home District Mutual Fire Company.

OFFICE-Nelson Street, opposite Adelade Street, Toronto.

INSURES Dwellings, Houses, Warehouses, Buildings in general, Merchandize, Household Furniture, Mills, Manufactories, &c.

DIRECTORS:

W. A. Baldwin, Dr. Workman, John McMurrich, J. B. Warren,

William Mathers. John Doel. John Eastwood, B. W. Smith, A. McMaster,

J. H. PRICE, Esq., President. J. RAINS, Secretary.

All Losses promptly adjusted. Letters by Mail must be post-paid. December 26, 1846. 444-

FOR Cheap Birmingham and Sheffield Goods, try the

NEW HARDWARE STORE,

No.77 Yonge Street, a few doors North of King-st.

J. Shepard Ryan,

Having a Partner in England, can purchase Goods at as Low Prices as any other House, and respectfully solicits a share of public pa-CASH PURCHASERS will find it to their advan-

tage to give us a call, as we calculate on clearing off our Old Stock every winter.

Toronto, 1st January, 1847.

1-12m.

Notice.

MANGING, and BINDING BUSINESS hitherto conducted by R. BREWER will, from and after the 1st of April ensuing, be carried on by the undersigned Firm, under the Name of

Brewer, McPhail, & Co.,

At the present well-known Stand, No. 46, Kine STREET EAST.

In connection with the above, the Subscribers will open, on the lat of May next, in the same

Fairbank's Platform and Counter Scales.

THESE SCALES are constructed with great Care by experienced workinen, under the supervision of the inventors. Effort is made to secure, not only perfect ACCURACY, but also the greatest STRENGTH and DURABILITY. They have been found ALWAYS RIGHT.

Scales for weighing Wheat, both portable and to be set in the floor, furmshed with weights to weigh even bushels. For Sale by

WORKMAN BROTHERS & Co.

Toronto, 22nd March, 1847.

Workman Brothers & Co., No. 36, KING STREET,

FFER FOR SALE :-

60 tons English Iron, 20 tons Best Iron,

20 tons Swedes Iron, 15 tons Swedes Iron, 16 tons Hoop and Band Iron, 10 tons Sheet Iron, 3 tons Plough Sheras,

2 tons Waggon Boxes,

2 tons Cast Steel, 3 tons Blister Steel,

1 ton Spring Steel, 4 ton Eagle Steel, 2 tons Camp Ovens, 2 tons Beilied Pots,

5 Blacksmith's Bellows, 60 Blacksmith' Vices,

15 " Hill s" scarranted Anvils, 120 Sugar Kettles,

120 Sugar Kettles,
40 Potash Coolers,
10 boxes "Pontpool" Plates,
25 Box Stoves, 21 to 36 inches,
450 casks Urought Nails,
50 casks Wrought Nails,
35 casks Horse Nails,
40 casks Wrought Spikes,
40 casks Coil Chain,
200 boxes Witdows Glass,
2 tons Putty,
20 dozen Common English Spades,
10 dozen Common English Spades,

10 dozen Common I nglish Shovels,

5 dozen Common Inglish Shovels,
5 dozen Brish Spades,
2 dozen Scotch Spades,
60 dozen Steel Shovels,
8 dozen Steel Shovels,
10 dozen Grain Scoops,
40 Philadelphia Mill Saws,
40 "Fairbanks" Platfin & Counte Scales.

JUST RECEIVED, ex ships Capricorn, Baron

of Brander and Rockshire, in ad present Stock of HARDWARE, in addition to their

18 PACKAGES OF SHEFFIELD & BIRMINGHAM

Shelf Goods,

With an Assortment of American Hardware. Toronto, 25th March, 1847.

R. H. Brett,

161 KING STREET, TORONTO.

GENERAL MERCHANT-WHOLESALE

MPORTER of HEAVY HARDWARE, Birming-ham, Sheffield and Wolverhampton Shrif Goods, Eartherware, and Glassware, in Crates and Hhds.

Also,—Importer and Dealer in Teas, Sugars, Tobaccos, Frints, Spices, Oils, Paints, Dye Woods, Gunpowder, Shot, Window Glass, Cot-ton Batting, Wadding, and Candle Wick.

Together with a select Stock of STATION-ERY, English, French & German Fancy Goods, Combs, Beads, &c. &c. &c.

Toronto, Nov., 1846.

Mr. C. Kahn,

SURGEON DENTIST. King Street, 2 doors. West of Bay-street, Toronto.

J. Ellis, Civil Engineer.

TORIZONTAL. Inclined, and Undulating
Lines of Railways Surveyed; Macadamized and Plank Roads, Canals, Docks. Harbours; every description of Dramage, Tunnels, and Bridges of Brick and Stone. Iron and Wood, both Pendent and Insistent, with correct Specifications. Sections or Mudel Maps and Estimates Agent. Mr. Wetherald, showing the true cost of construction, founded upon Rules and Principles strictly Mathematical, obtained through sixteen years experience and active practice, both as Engineer and Contractor.

N B. J. E. will give detailed Estimates, if required, to persons employing him, slowing and proving that the Calculations are founded upon

Peter-street, Toronto, January, 1847.

Boot and Shoe Store,

4. Ciry Buitbises, Torosto

SIGN OF THE GOLDEN BOOT.

THE Subscriber embraces the present oppor-tunity of returning thanks to his numerous the greatest STRENGTH and DURABILITY. They have been long known and severely tested, and have been found ALWAYS RIGHT.

These Scales are adapted to every kind of business transacted by weight; and from the extensive use, and the logic report they have attained, both in England and the United States, as well as in other countries, may now be regarded as the most sense.

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January 18, 1847.

Drug & Medicine Business,

In all its Branches, Wholesale and Retail. This Department will be conducted by one of the Firm, Mr. JOHN BENTLEY, who possesses, from many years experience in several of the best houses in Eigland and in this Country, a thorough and practical knowledge of the Profession.

RICHARD BREWER, EDWARD McPHAIL, ROBERT McPHAIL, JOHN BENTLEY.

Toronto, 9th March, 1847.

Improved Durham Bulls

FOR SALE.

ONE, two years and four months old; colour duk red and white, but mainly red.

One, one year old; colour nearly the same as above, and promises to make a splendid annual.

For pedigrees and further particulars apply to H. Parsons, Ancaster, C. W.

Swain & Co's Hygeian Medicine,

OR. WORSDELL'S

Vegetable Restorative PILLS,

PECOMMENDED as the best FAMILY MEDICINE now in use, by thousands in Great Britain, the United State of America, and United, for Restoring Impaired Nature to Heatth and Vision R, and preventing Disease in the Human System, by Purifying the Blood.

Prepared solely by J. SWAIN & CO., 65, Youge Street, Toronto ; who respectfully call the attention of their Agents, and the Public in general, to their various other Medicines, particularly their CARMINATIVE for CHILDREN, and their STOMATIC BITTERS, ESSENCES, PERFUMERY, &c. &c. &c.

Authorized Travelling Agents.

Mr. Jacob Hick, Mr. James Wetherald, Mr. W. H. Smith, and Mr. D. Swallow;

By whom (and at their Latablishment, as above) Orders will be received, and punctually attended to.

STRIKING CURES.

WHO WISHES TO THROW AWAY HIS CRUTCHES!

Read the following Extract of a Letter received from our Agent at Richmond, Dalliouse Dis't:— Richmoud, 5th August, 1846.

Mesers John Swain & Co.,-As Agent here, I beg leave to inform you, that in all cases where your invaluable Pills have been used in this vicinty, they have been productive of the most happy results: the relief afforded to individual suffering in various ways has been almost incredible; therefore I cannot pretend to give a detailed ac-count of their various virtues; but at the same time I cannot forbear mentioning one particular case of a man, who, for some four or five months, was confined to his house, and most commonly to bed, and not able to reach the door of his dwelling, excepting by the use of Crutches, from the effects of inveterate running sures in both legs; yet, surprising to say, the Pills have entirely effected a cure, and the man is now able to work. and travel about his business, whole and sound:
his name is William Lackey, residing in the
Township of Goulbourne, in this District.

I remain, Gentlemen,
Yours with respect,
P. McELROY.

Edwardsburgh, January, 1847.

GENTLEMEN.-I have now great pleasure in handing you the annexed certificate, from my wife, which will speak for itself. Your General Agent. Mr. Wetherald, desired me to give him a certificate as soon as she was cured, but I refused to do so until she had zemained well six months. That period has now chapsed, and I am happy to inform you that she has had no return of her complaint, but is in perfect health. ABRAHAM WILSON.

CURE OF OLD-STANDING STOMACH

COMPLAINT.

By Swain & Co.'s Hygeian Medicine, or Worsdell's Vegetable Pills. To J. Swain & Co.

I was afflicted with a Stomach Complaint, attended with distressing pain and general debeloy, and for the last two years of the time I was not expected to recover. At that time my inshand was appointed Agent for the Sale of your Pills, when I determined to try them invself, and, by persevering in taking them every day, till I had used five boxes, I was perfectly cured, and have remained entirely well ever since.

I remain, Gentlemen, yours respectfully,

MARGARET WILSON.

REMARKABLE TESTIMONY.

Testimony of C. J. Forsyth, Esq., Welling. To J. Swain & Co.

Wellington Square, January, 1847.

Grankary. I have been in the practice of using your fille myself, and recommending them to others, and I have found them to be unequal-ed in their effects upon the human system; and I believe your Medicine is a safe and efficient remedy against those afflicting disorders to which mankind is subject.

I am yours very respectfully,

C. J. FORSYTH.

MARK THIS.

MRS OLIVER, Wife of F. A. Oliver, Eeq., Tyandenago, parted with a Tape Worm from 25 to 30 feet long, from the use of Swain & Co.'s Vegetable Restorative Pills.

J. WETHERALD.

CURE OF INFLUENZA.
Mr. B. Wixerp's Child was sick for three months, from Influenza, and was reduced to a skeleton, and all hopes of his recovery were given up. He was advised to take the Vegetable Restorative Pills, which some ffected a cure, and he is now enjoying good health.

CURE OF INFLAMMATION IN THE

BOWELS. Mr. W. H. SMITH, Toronto, was suddenly attacked with Lillamination in the Bowels; in this abruming state he took a few doses of the Vegetable Restorative Pills, and was perfectly

cured in four days.

CURE OF GRAVEL. Mr. SLATER, of Seneca, Grand River, suffered severely from Gravel, but, by taking a few hovesof the Restorative Pills, he is now entirely cured of that distressing complaint.

CURE OF DUMB AGUE.

Mr. Slater's son suffered a long time from Dumb Ague; and was cared of that distressing complaint by taking six boxes of the Restorative

CURE OF LIVER COMPLAINT.

Mes. Slater suffered to, years from Liver Com-plaint, and tried various remedies without effect; she, however, took a hox of the Restorative Pills, and, to the great astonishment and joy of herself and the whole family, she is now per-fectly cured, and never enjoyed better health.

WONDERFUL CHANGE.

SUSANNAH ZIMES, of Weston, received SUSANNAH ZIMES, of Weston, received an injury when four years old, which made her a cripple for years, attended with an alarming swelling in her leg and body. After receiving medical treatment for a long time, without effect, at last I was advised to take the Vegetable Restorativo Pille, which speedily reduced my body to its natural size, and my lameness is much relieved; and I am now in a fair way of recovery.

CURE OF CHILL FEVER AN) INFLAM. MATION OF THE LUNGS.

Mr E. DICKSON, of Port Rowan, has been emirely cured of Chill Fever and Inflammation of the Lungs by the use of the Vegetable Restorative Pills, even after good medical skill had

WONDERFUL RESTORATION TO HEALTH.

Mr. AVERILL, of the Township of Brantford, farmer, was unable to work during the most of the summer; but, by taking the Restorative Pills for five days, he was so much better as to be enabled to perform a good day's work at cradding; wheat.

THE

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