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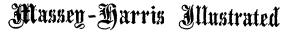
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A Journal of News and Literature for Rural Homes.

New Series Vol. 1., No. 6. NOVEMBER-DECEMBER, 1897. (Whole Series, Vol. XV., No. 6



"A HAPPY OLD MAN."



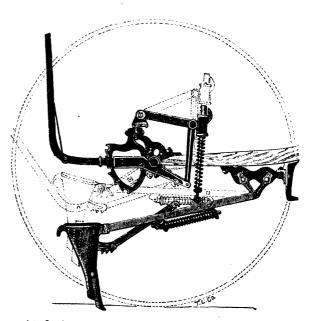
THAT is what every Manufacturer and every Agent says, whether they believe it or not. Some manufacturers say theirs is the best, and give very little if any reason why the Farmer should accept the statement, except that, having said it, their boast should of course be believed.

Note that in all MASSEY-HARRIS Catalogues and Circulars, good commonsense reasons are given for claiming to have the best.

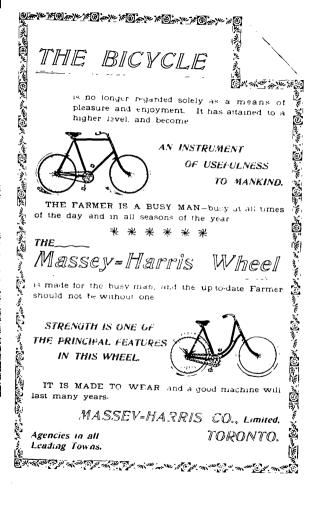


As an instance, the accompanying illustration one of a great many—shows one of several reasons of a well-based claim to the superiority of the Massey-Harris Hoe Drill and Broadcast Seeder.

There are no vain and empty boasts in the Massey-Harris Catalogues.



JUST ONE LEVER APPLIES THE PRESSURE, OR, REVERSED, LIFTS THE HOES FOR TRANSPORTATION-SIMPLY PERFECT. THE DOTTED LINES SHOW THE OPERATION-SUCH IS ONE OF MANY SUPERIOR POINTS ON THE MASSEY-HARRIS COMBINED HOE DRILL AND BROADCAST SEEDER.





Lame Back. Lumbago, Sleeplessness. etc.,



... THE DUVALL SEPARATOR ...

removes Tares, Cless, Oak, Wild Oak, Buckwieta and dhir haufulja das from Whya: Separates torsken from whole Barley, and the Spiths from Hears and Pea, and cleans, grades and separates with little waster gives clean seed for nowns and urick table craft for best picto. It works casily and tapfally, will separate burtful seeds from Atsike.

tron Aleke, <u>second</u>, which second build be de-lin writing please stude the secole which you find most difficult to get the of in the action you have to be treat your we may be able to show you not only how to treat your collinary ergo, but how to turn apparently hopeless ma-terial hito cold.

ESTIMATES GIVEN FOR POWER SEPARATORS.

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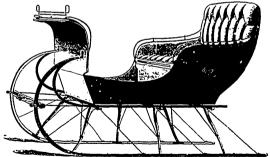


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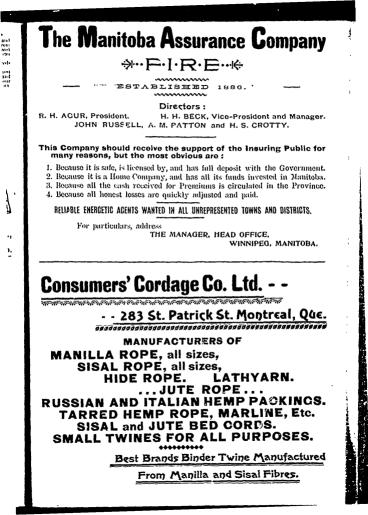
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When toned up by Dick's Blood Purifier will give as much and as rich milk as a highly bred aristocratic Jersey cow gives upon ordinary feed, and a Jersey cow when given

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will wonderfully increase her yield of milk. It saves feed too because a smaller amount of well digested food satisfies the demands of the system and every particle of nourishment sticks.

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FARM AND FREIGHT WAGONS,

"MOSES" PLATFORM FARM TRUCKS, LOG TRUCKS, SPRING LORRIES, DUMP CARTS, ONE-HORSE WAGON.

BOB SLEIGHS-Two-Kneed Ontario, One Bench Manitoba.



Patented Jan. 13th 1888,

The Bain Improved Ontario Two-Kneed Sleigh.

Adapted for all kinds of farm work, and only furnished in one size of Runners, 2 inches wide, faced with Steel Shees.

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With our Coupling the Sleigh can be turned around in its own length.

It is made of the best material, wood being theroughly sensored. It is strongly ironed, and Runners faced with two-meb Steel Shoes. It is well finished, nucly painted, striped and vanished.

The Bain Improved One-Beam Sleigh.

FOR GENERAL USE IN MANITORA, NORTH-WEST TERRITORIES; ALSO IN NORTHERN AND EASTERN PARTS OF ONTARIO.



Patented Jan, 13th, 1888.

We furnish these in three sizes of Runners, 2, 21 and 3 inch.

Our One-Beam Sleigh, with 3-inch Runners, is specially adapted for heavy work in the bush and for heavy tearning of all kinds, while the 2-inch Runner Sleigh makes a splendid general purpose Sleigh out he Parm. Every Sleigh is shully Warranted.

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OUR LIST OF MISSING WORD QUOTATIONS.

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5. Its sure ______ Right, ______ Abted. 10. ______ Nany _____ Slip ______ Cup _______ NO EXPENSE TO YOU. _______ No how reading the sure results for the stress are an available at the subscription in the off case was no satisfied to the sure results for the stress are supported to the stress are s

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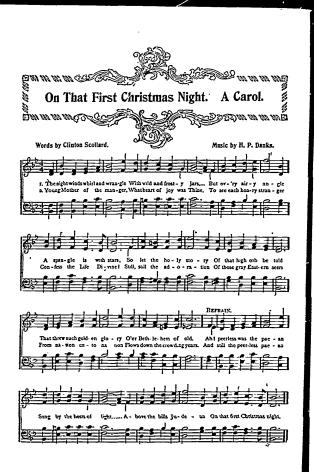
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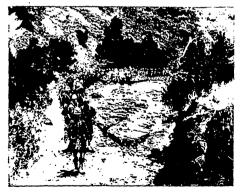
Massey-Harris Illustrated

A Journal of News and Literature for Rural Homes.

New Series Vol. 1., No. 6.) NOVEMBER-DECEMBER, 1897. [Whole Series, Vol. XV., No. 6.



T certainly seems strange that Britain, the first in the arts of peace, is hardly, if ever, without a war on her hands in some past of the world. At the district of our Indian Empire In the early days of the trouble—the end of August—the news from India was very disquicting, the enemy scoring point



THE INDIAN FRONTIER TROUBLE. HIGHLANDERS MARCHING DOWN A DEFILE IN TOCHY VALLEY.

present moment the British troops have not finished the task of putting down the rebellious tribes in the north western

after point, owing, of course, to the unprepared state, in regard to numbers, of the British troops in their more or less isolated outposts. But the lowering of the prestige of British arms, if it could be called such, was but momentary. The

tribes secured many points of vantage on the frontier, on the tains, accessible only by narrow passes, walled in by cliffs. Tho dislodgmentofthe tribes from such points of vantage, has, in fact, constitut-ed the campaign; for meeting Tommy Atkins at close quarters is not the kindof warfare the native hillmon of NorthernIndia relish. Buteven with everything in their favor - a fortress provided by nature.

Her Majesty in that distant part of the Empire. The taking of Dargai on Oct. 20th, was one of the most magnificent displaysofdash

and courage recorded in the

annals of Britisharms, repleto

as those annais

are with tales

of heroism and valour.

lustration de-

pictsaregiment

of Highlanders

marchingdown

a defile. Imagine them

marching up

the defile in

single line, or

at the most two

abreast; and at the head of the

defileand along most of its

length, stoop

emy, outnum-bering them

five or ten to

cliffs from which the en-

Out first il-



AL LANCERS CHARGING A STEEP Jes. POSITION.

where, in but few instances they could be reached by bullet from a distance, modern rifles and ammunition in abund-

one, are pouring down an incessant shower of builets. then some idea may be gathered of what ' taking a position



THANA IN THE SWAT VALLEY, WITH BRITISH CAMP.

ance, stolen at different times, the dusky hordes of India have been unable to resist the dash of our fine fellows serving

The on our Indian frontier means. spectacle of Bengal Lancers ' charging a steep position " is also one that will

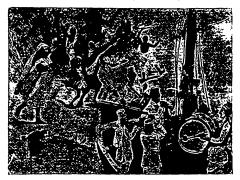
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escite marvel. Our next illustration afford us se impos of the British amp at Thana, in the Swat Yalley, the country lying between Pechawar (18 miles from the eastern end of the Klyber Pass) and Cutrai, the occupation of which by our troops a few years ago, is alleged by some to be the cause of the alleged by some to be the cause of the index of the second second second through whose territory we have two through whose territory we have two pixed to at as a "right of way." The Indian war has largely monopolized the attention of the British public.

The Indian war has largely monopolized the attention of the British public, but oven without that counter straction the actua, fighting in the present Nile campaign has not been such as to attract British public attention in a high degree; for the enemy's utter deficiency of tacHerbort Kitchener, the Sirdar, has led into the Soudan, and with which the reconquest of Nubia and of the Nilofrom Wady Halfa to Berber has been gradually but surely effected, seems to be as efficient and as completely equipped as any similarly mixed force employed in the Brttish Indian dominons.

In our next illustration is presented the scene of the Sırdar's reception on his arrival at Berber with general acclamations in the Anglo-Egyptian camp. Our illustration on Page 164 must not

Our illustration on Page 164 must not be taken as a desire on our part to "force the season," for it is true to nature and depicts a typical mid-day in November, at the head of Lake La Bargo, on the way to the Klondyke. In the country



THE BRITISH ADVANCE IN THE SOUDAN. ENTHUSIASTIC RECEPTION OF THE SIRDAR'S FORCE AS IT APPROACHED BERBER.

tics, and tho inferior quality of his forces, a mero rabble of wild Desert tribesmen rushing to combat in the frenzy of Arab warfaro, has allowed each engagement to be decided chiefly by the steady valour of the Soudaness recuments

to be decided checkly by the steady raiour of the Scudarso regiment, thenks to This head and here all here is to the state of the state of the state and of "black" or disk". Soudaneso, well drilled and trained, partly under the command of English offices, theroughly disciplined and obcident, and polary disciplined and obcident, and polary of most European States. With the all of a small contingent of troops of our own army, the force which General Six from which the scene is taken, in winter at high acon there is little more than twilight. It is much more like night than day, especially when the moon is full. Everything is then frozen solid Eighty degrees of frost are frequently experienced, and the only mode of travelline is a shown.

The arrival and subsequent christening of the litel Nariborough wcroserents of considerable social importance not only in England but in New York, in which city the Duke won and wedded his wife, the daughter of Mr. William Vanderbuk. The scene atthe christening of the latestadduton to the ancient house of Mariborough is well depicted in our our nast illustration. Ļ

Nearly ninety years of age, Encland's Grand Old Man still returns all his brilliant mental faculties, and is, according to latest accounts, contemplating age. The very latest portrait of the venerable statesman, which forms our next illustration, shows him, as the London News expresses it, "in the en-



ON THE WAY TO KLONDYKE. MID-DAY IN NOVEMBER AT THE HEAD OF LAKE LA BARGE.

writing a biography of the leading Church dignitaties of the age. There are fears, however, that physically Mr. Gladstone is feeling the effects of his advanced

joyment of free and casy beatitude " In our last illustration is depicted a decided novelty. In Berlin there is now a regular service of carts which bring the



Duches of Marlbarrugh, Prince of Walca, Duke of Marlbarrough, Rev. Edgar Shepjard, Marchioness of Blandford Mr. William Vanderbilt, CHRISTENING OF THE SON AND HEIR OF THE DUKE OF MARLBOROUGH.

MASSEY-HARRIS ILLUSTRATED.



THE PORTRAIT OF MR. GLAUSTONE.

workmen and factory-hands their mid-day meal. The carts are owned by a the dinners. The wives, on handing the private company, whose faced charge for conductor their husbands' dinners, re-



DELIVERING DINNERS IN BERLIN.

transport is under five cents a month. The carts which are heated by hot air, go round the workmen's dwellings at 11

ceive from him a clean basin to be used for the following day. The Old World is ahead of the New in many respects yet.

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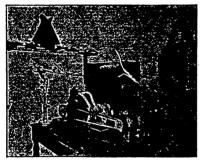
Scientific Discovery and modern invention.

HOW ELECTRICITY IS BEING ADAPTED TO SURGICAL AND OTHER HOSPITAL USES.

DURING the year St. Luke's Hospital, of New York, has moved into new quarters on Morningsido Heights. The building is constructed with all the recognized improvements for the best and safest treatment of hospital patients. The electric plant is of interest Lecause of the special nature of some of its departments.

The lighting plant itself is located in a separate power-station structure, and six electric elevators in the buildings, of the Ons type, and twelve large electrically driven ventilating fans. Besides these there are motors for driving the pipe organ bellows, and for other minor uses throughout the hospital. The switchboard provides for running

The switchboard provides for running the lights and motors in multiple or independently, as desired. There are two sets of bus bars, to either of which any machine ,can be connected by double-



X-RAY OUTFIT.

consists of four direct-connected units, the dynamos being 50-kr General Electro multipolar conspound-wound machines. The engines are of horizontal high-liped type, three of these tool the second second second second low Works. They all run at 230 rowlutions per minute. The engines are set at the four corners of a sput of the dynamos all facing the inside of the square. Steam is supplied to the engines at 100 pounds prosenue by three return. These on its supplied to some 5500 lights and many motorslocated throughout the different buildings. There are not the different buildings. There are throw machine switches at the bottom of the board. One large double-pole sangle-throw switch in the centre of the board throws these two exists of bus harr in multiple at will. In the daytime, with the board had in multiple one machine. At night, when the load is sufficient to tax soveral machines, this main switch is opened, and the moter load is separated from the lighting load. This gives closer regulation on the lighting circuits. The switchhoad is proinstruments in a row at the loop of the board. Three of these instruments are voltnetters and six ammeters. One volmeter is connected to the hiphung and one to the motor bus bars, the third volmeter bong used as a machine instrument, and provided with a switch for throwing it content on your of linedynamos. Four, of the ammeters measure the respect of the sum of the four dynamos, show other twind of the four dynamos, show other twind of the blighting and motor systems.

The building is divided, in accordance with modern hospital patcice, into hvo pavilions, which are connected by a narrow corridor on each those. The main provent panic in caso of any suddonal arm as ungit when tho building is dark. In a small room on tho fifth floor is placed a complete X-ray outlit. Current from the X-ray coil is controlled by a large insulad ricostat fastanced to the wall, contract wheel driver at a high speed by a small Lundell motor.

a small Lundell motor. Thoillumination of the main operating room is of particular interest. This room is located in the dome of the building, where it can get most perfect illumination by day. For work after nightfall the room is provided with a



MAIN OPERATING ROOM SHOWING SWINGING REFLECTOR.

feeders are run independently from the switch-board to the pavilons. Each pavilion is also independently vontilated by forced-draft renfilators. The buildings are also provided with an independent common distribution system, supplying some 300 lamps scattered through all the wards and corridors. These lamps have no switches or keys, but are all lighted or extinguished simultaneously by an electromagnetic switch in the engine room at the right-hand side of the switchboard. This switch may be closed by pressing any one of some 300 push-buttons distributed over the buildings. This provision is intended to vey largo number of incandascent lamps. Besida the lectroliers in the upper part of the room, long brass conduits are sitrekhed across from column to column as chorm in the illustration, with underside of the conduit. A largo retangular reflector is also provided on the end of a long horizontal swinging bracket. This reflector can be swung around and can be brought immediately over the operating table. Is the walls from which wurrent can be drawn for electro heaters, cautery and special lamp work.

N the early eighties I was returning to America in one of the Guion steamers - the old Alaska - a boat that held the championship for record time in those days. Being late in the autumn, we had a pretty crowded ship, and the decks presented a lively scene as wo headed down for Queenstown in glorious weather. The passengers, for the most part, were free-boin citizens of the States, who had been scampering about Europe for the past few months, and were carrying back a very curious collection in the shape of relics and antiques-" picked up on the Continent for a mere song "-which they purposed formally presenting to the museums in their native cities. I happened to be a bit of an antiquarian my self, and having had an opportunity of examining some of these highly-prized curios, I was forced to the conclusion that they bore unmistakable evidence of having been " made in Germany."

When you have a crowd of people cooped up on board ship, in spite of deck pames and other forms of amusement it is not always easy to fill in a long day in an enjoyable manner. At such times a sensation of any kind is a veritable general: the laties a superful of spectlation for the latter ease the interest is sustained by a f. o exchange of bets.

In the present instance, before we were well out of sight of the Irish coast, our sensation was provided for us. One day, among the second-class passengers on the lower deck, a vision of beauty suddenly burst upon us in the shape of a young girl of decidedly Jewish appearance. Positively, sho was without excover the lower weak of the second control of the second second second control of the second second second tell formed, and there was an ease and grace in every movement that gave her an irresistible attraction.

Showsa accompanied by a stern-looking individual with lushy whiskers-old enough to bo her father, apparentlywho hovered near her during tho short timo sho remained on deck, and w.tched her with a sort of grim intenness as if half afraid to trust her out of his sight. This surveillance, however, did not appear to cause her any great concern, in fact, she seemed to completely ignore the presence of her companion, or custodian, or whatever he might be.

It was amusing to observe the effect her appearance produced upon the occupants of the upper deck. One and alicrewdel to the rails, anxious to get a closer look at her; those in the background craning their necks over the shoulders of those in front. Even the shoulders of those in front. Even the values of the one of the should be and but as to the men well, though lowar rather on the shady side of forty myself at the time. I must confess that, in common with the rest, I was completely carried away by her beauty.

Wo were not given much time to inbulge our admiration, however. The stern-looking individual with the whiskers andhendy stepped up to the grd's justantly her sparking cycs were turned upon the orwo of cager faces looking dwwn upon her, and for the first tune she appeared to become conscious of the sensation she had caused. With a half shy, half-robust caused. With a half shy, half-robust caused with a half bay, half-robust causes and the displayed teets of the line, white displayed teets of the line, white displayed teets of the line, white displayed teets of the line witew.

For the remainder of that day, in the saloon, the smoke-room, or on the deck, thus singular and ill assorted pair formed the chief topic of conversation. They were promptly chistened, "Beauty and the Beast." Everyono raved about the girl, but the man caune in for a faur sharo of envious and sarcastic remarks. Bets were freely laid as to whether he was hur father, bother, or husband. The latter supposition was generally regarded as an utter absardity, though there were not a few who stack to it benaciword and a sarcastic were to be the about the supposition was generally regardbeau the supposition was generally regardde as an utter absardity, though there were not a few who stack to it benaciword methy and the stack to it benaciscong ensuits. A mode Wessoot, with whom I had got rather friendly, who offered to decide the matter out of hand by paying a surrepitious visit to tho second eabin, interviowing the stoward, and, if necessary, bearding the bushywhiskered individual binself.

This proposition was made in the smoke-room late in the evening, and was received with acclamation on all sides. For myself, I certainly thought Westcott was going a bit too far, and possibly might have reason to repent his possibly might have reason to repent his of mine. I did not attempt to restrain him.

When he was gone, we awaited the result of his expedition with a certain amount of eagerness, Everyone was curious to know how it would fare with him. Half an hour passed, but he did not return. Opimons were divided as to whether he was having a tele-a-tele with the beautiful Jewess, or whether her grin. custodian was making it unpleasant for him.

I had just stepped out on deck for a breath of ficsh air, when Westcott suddenly brushed past me, with a strange, set look upon his face. He appeared so different from the gay, careless, young fellow who had left us a short time before. I was positively startled at the change in him. Instead of making for the smoke-room, he went straight down into the saloon, where I heard him call to the steward for brandy. It was plain that the adventurous youth had received some sort of a shock, which had sobered him considerably. We saw no more of hun for the remainder of that evening.

The following mering he was ex-tremely reticent upon the subject of his visit. We could scarcely get a word out of him about it. To all our questions he simply replied that he had learned nothing regarding the relationship between the girl and the man, though he admitted having had a conversation with the latter. He appeared so anxious to avoid all reference to the affair, and took such pains to have his escapade hushed up, we began to suspect there was something amiss. The general belief was, however, that he had fallen hopelessly in love with the girl.

Later in the day I happened to en-counter him on deck, still looking uncommonly grave He immediately took me aside as if he had something of un-

Mostor is to comminate. "Mostyn" he said, in the most serious manner, "this is a shocking affair!" "What is?"

" Why, about that girl."

" What about her?

"Quite enough I can assure you. Listen . that lovely, innocent-looking creature is a murder as ! "

"A mulderess?" "It's a fact, and a horribly cruel one bargain That man who is "testive, and is into the bargain accompanying her is a detective, and is taking her back to the States in custody. As soon as ever they arrive, she will be put on trial for her life." "You amazo me !"

"I shouldn't wonder. I tell you it has been a bit of a shock to me-about the worst I have had for some considerable time. Last night the detective, whose name is Wade, gave me all par-ticnlars, and showed me a newspaper cutting with a full report of the case. Briefly, her history is this: It appears that her name originally was Rachel Adams, and she formerly resided at Hartville, in the State of New York.

About twelve months age she married a man named Lovi, a middle-aged, miserly Jow, but immensely wealthy by all accounts. The marilage, of course, was a wretched one, as was only to be exthe year was out, the girl had murdered her husband in the most cruel and pre-meditated manner, plundered the safe and escaped to England. Wade was sent after her, and succeeded in arresting her in London.

"But, my dear fellow, judging by her appearance when we saw her on deck yesterday, she looks anything but a murderess."

"That is the curious part of it," West-cott replied, gravely. "Wade tells me he can't very well make her out. On ordinary occasion she seems as gay and lively as possible, and apparently is quite oblivious of the fact that she has quito oblivious of the lact that she has committed any crime whatever. At times, however, the knowledge of her guit appears to burst upon her all in a moment, and then he has actually to restrain her less iso showild do herself a fatal mpury. Of course." he added pulling humself up suddens, "the the tective didn't want the story to be blab bed all over the sherj in fact, he asked mospecially to keep it to myself, so I tell you in strict confidence, you know." It was only to be expected that before the day was over. Westoot had told the same tale to two or three others-also

in strict confidence." A sensational report of this kind does not take long to spread on board ship. That evening the smoke-room was ringing with the news; poker and ccarté were neglected for the time being, and the men fell to discussing the case in all its bearings. It was evident that the general opinion was setting

strongly in the generatory and "Even supposing," said Kelstor, a Cincinnati lawyer, "she was really "Liven supposing, "she was really guilty of this act, it must have been done in a fit of temporary insanity. Her whole bearing goes to prove this. I don't believe there's a jury in the States would convict her.

"Ah, but you lose sight of the fact that, according to Wade's statement. the evidence clearly shows the crime to be premeditated," put in Westcott. " Be-sides, he tells me there's a strong Jewish element in Hartville, and they are all up in arms against her. Ho declares they will more heaven and earth to get her convicted."

"That alters the aspect of the case considerably," remarked Kelston, reflect-ively. "If the Jews have the upper ively. "If the Jews have the upper hand, I wouldn't give much for her chances."

"It's a blue look-out for her, cer-inly," said Senator Wiles, of Dakota. tainly.

Thereupon an animated discussion ensued as to what could be done for the

cirl. It was agreed on all sides that some steps should be taken to save her from the clutches of the Jewish fraternity at Hartville, though how to accomplish this was not an easy matter to decide.

III.

For the next day or two the gill appeared regularly overy morning, her grim custodian sticking to her like a leech all the time she remained on deck. If she had created a sensation before, it can well be imagined that our interest was by no means abated by what we had learned of her history. She always appeared bright and animated, gazing out over the heaving sea with almost childish delight, and apparently unconscious of the eager looks bent upon her from the upper deck.

One morning, however, she seemed rather sad and pensive. Suddenly, as we watched her, she threw up her arms with a wild gesture of despair, uttered a stifled cry, and rushed back towards the cabin. The detective strode after her with a decided look of alarin on his face.

I verily believe there wasn't a man amongst us through whom that ery did not thrill. It moved us to action at any rate. By common consent we adjourned to the smoke-room in order to deliberate as to how we could best serve her. Everyone was enger to devise some means of effecting her deliverance, for one and all believed her to be innocent in intention, if not in fact.

"Tell you what," said Westcott. leading off, " we must bribe that brute of a detective to let her escape immedistely we reach New York."

"That's easier said than done," I

replied. "I don't know about that," remarked Kelston. "Every man has his price, and have a share you must remember-as we lawyers have good reason to know. I suppose a de-tective-especially a New Yorker-is no

oxception to the general rule." "Well, we can only make the attempt," said Westcott. "Let us club together and see what amount we can make up. Put me down for two hundred and fifty dollars to start with."

That set the ball rolling, and in ten minutes the tidy sum of five thousand dollars was subscribed. Westcott, Kelston and myself were deputed to approach the detective and sound him on the subject. As we had now run into the last two days of our voyage, and as our negotiations might possibly take some little time, we decided to make the attempt that evening after dinner.

Accordingly, between eight and nine o'clock, we made our way to the second cabin, prepared to do business. As luck would have it we met the detective coming on deck, having, as he informed us, just locked up his prisoner for the night.

" Look here," said Westcott, drawing him aside, confidentially, "we have come to see you about that girl."

The detective shock his head dolefally, "A sad case, gentlemen-very sad indeed," he said.

" What are her chances of an acquittal?" inquired Kelston,

"About as bad as they could be, I reckon. The Hartville Jews would tear her limb from limb if they had her at their mercy. Old Levi, her husband, was a leading man amongst them, I believe.

Then she must never get to Hartville," said Kelston, decisively.

The detective stared at him blankly, evidently quite at a loss to comprehend his meaning.

"I've got to take her there, anyhow," he replied, " though it goes a bit against the grain, I admit." "How about your warrant?" said the

lawyer, with professional instinct. suppose there's no flaw in it?"

The detective instantly produced it, together with the extradition papers and other documents bearing on the case. Kelston examined them carefully, but they appeared in perfect order.

"There's only one thing for it, then." ho said, handing them back, "you must manage to let the girl slip through your fingers somehow.

For answer Wade simply turned on his heel, as if to bring the interview to an abrupt termination. "Wait a moment," cried Kelston.

" Don't be in such a violent hurry, man. Now let's get straight to business. We want to get the gul off, and if you assist us it will mean five thousand dollars in your pocket."

" It really isn't fair, gentlemen," said the detective, with evident emotion. "It's been a trying job enough as it is. I'm a poor man, but I'd willingly give a year's pay to have had no hand in the matter. I've got daughters of my own, you see, and-

"Then it's settled," put in Westcott, "and it only remains for us to arrange the details."

But it was very far from being settled. The detective stood out, and it took the best part of an hour to win him over. Bit by bit he gave way, until we got him firm'y on our side.

There's only one awkward thing about it," he said, when we had con-cluded arrangements. "If 1 let the girl escape, how am I to account for it at headquarters? I guess they'd see through it sharp enough if I went to them with any how or new?

them with any lamo excuse." Thereupon, Westcott hit upon a bril-liant idea, which we discussed fully befero separating. It was decided to put the plan into operation the following evening, when we expected to be steaming in from Sandy Hook. The detective under-

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took to prepare the girl as to the part she had to play.

Shority before twelve o'clock the next night, when the decks were practically desorted, one of the steward esses (whom we had taken into our couldence) mail her way towards the second eabin, with a shawlover her arm. Pic-sently, Rachel Lavit same rushing up on deck, closely followed by the detective. Wade, howover, slipped on the stairs and rolled others who were in the hecks. Meanwhile, the steward ess fluong the shawl over the girls head, hurred her away to her own cabon, and concealed her there.

No sooner had they disappeared than the detective flew on deck, rushed to the side, and shouted at the top of his voice: "A woman has jumped overboard!"

"A woman has jumped overboard!" What a sceno of commotion ensued. Tho ship was stopped, life-buoys flung into the water, and a boat promptly lowered. People camo flying up from their cabins, officers hurried along the

decks, the men shouled, and the women screamed. Through all the confusion the detective kept rushing about, telling how his prisoner, in a fit of desperation, had broken away from him and thrown herself into the sea. I must say he acted his part remarkably well. In about half an hour's time the boat

In about half an hour's time the boat returned from its fruitless search, and the voyage was resumed. There was not the least doubt in the minds of the majority of those on board that Rachel Levi had disappeared for ever.

In got a base of the the statistic derivatives of the state of the sta

Did I ever come across the girl again? Well, yes, I did. I caught sight of her one day in Denter about six months later, and-there is no use disgunging the fact-she was accompanied by the bushy-whistered individual who had given humself out to be detective Wade. They were laughing and clatting in the most friendly manuer. It suddenly dawned upon methat they

It suddenly dawned upon methat they were a pair of precious sharpers, at d that we had been very neatly done during that voyage -J. I. Hornibrook in "Woman's Life."

ENCYCLOPÆDIA OF FACTS AND FIGURES.

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The frog, in order to breathe, must keep its mouth shut.

MORE than 1.250,000 acres of the earth's surface are devoted to the cultivation of tobacco.

EXTREME ugliness is on the list of disqualifications land down by the medical department for French conscripts.

THE largest beo-keeper in the world is a Californian gentleman, who has 6,000 hives, producing 200,000 lbs. of honey yearly.

THE smallest salary paid to the head of a civilised Government is fifteen dollars a year, which is the official income of the President of the Republic of Andorra, in the Pyrences.

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A SHOWER of toads recently fell on the railway track in Topeka, Kansas, so impeding the progress of a freight train that it had to stop.

#### *.*

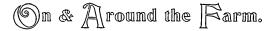
VERV cheap are the summer resorts in the mountains of Japan. There are mineral springs there to which pensants bring their own bedding and rice, paying only three cents a day for lodging and use of the water.

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The authorities at one time were so firmly convinced that Europeans could not live in India without alcoholic stimulants that they discouraged the formation of temperance societies among the soldiers. Opmuon is now altogether changed, and the English soldiers in India include no fewer than 20,000 total abstainers. 1

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#### General Notes.

Thi, FRENCH OATS CROP, according to official returns, is 215,000,000 bushels compared with 256,000,000 bushels in 1896.

CANADIAN WHEAT FOR AUSTRALIA – During the fiscal year ended June 30, Canada shipped to Australia 100,805 how wheat and 91,611 bbls, flour, having a



TYPICAL WYANDOTTE COCK.

total value of \$115.418. During the same period Canada exported to Newfoundland 121,776 bbls flour, and to the U. S. 5,217 bbls. Other countries to which Canada shiped flour include Brazil, St. Pierre, Hay ti, Hong-Kong and China.

WHEAT YIELD IN VARIOUS COUNTRIES The average production per acre in the wheat growing countries named has been estimated as follows. Denmark, 31 bushels; U.K. 29; Norway, 26; Belgium, 21); Holland, 21); Manitoba, 20; Germany, 19, France, 17; Austria, 164; Butsh Columbia, 16; Ontario 14; Hungary, 184, Italy 12; Quebec, 10; New South Wales, 18; all of Australasia, 94; Russia, scant 5.

THEAT YOUR POTATO SEED.-Frank A. Goodhue, Manitoba, states that potato seed soaked in the corrosive sublimato solution, one part mercuric chloride to 1000 parts of water, produced a large

crop of good quality, while seed not so treated, planted in an adjoining field, gave less than half a yield of scabby potatoes.

FEEDING PIOS FOR PRO-HT.-As soon as the pigs are large enough to eat, provide a place where they ean be given food apart from the larger hogs. If it is obtaunable, milk is one of the best rations for growing

pigs. In its absence, shelled corn and oats, equal parts, ground into a fine meal and unade into a fine meal and curshing the cols with the contained into a start, but we contain the practice. The contained is practice. The order and feeding it, but we contain the practice. The order as not directible in the order as more than the start and is not directible in the order as more the start and its not directible in the order as month of rough then when the pags as rapially as possible, and sell then when they weigh all the way from 150c 220 lbs... of the Daryers. Study the market carefully and urmish what is wanted. In

fattming hogs, drop out the slop during the last four weeks and give them all the corn they will eat up clean twice a day, and all the clean cold water they will drink.

To get the fullest profit from your logs, butcher as many as you can at home and turn them largely into sweet country lard and bacon. Many buyers will pay more for these right from the farm than they would have to pay in the general market.

#### The Dairy.

#### The Farmers' Opportunity.

It is one of the strangest anomalies imaginable that Toronto and other cities of a province so essentially agricultural i.s Ontario, have to depend almost entirely upon the creamenies for their supply of really first-class butter, and much of the creamery butter that is offered for sale does not come within several glades of first-class. Knowing that there is a veritable army of capable butter makers in the faum homes of Ontario, we are forced to the conclusion that they have allowed themselves to be forced out of the field through a mistaken idea that creamery butter must necessarily be m greater demand and receivo a better price than dairy butter; than poor dairy butter, yes! than dairy butter of equal or better quality, no. As a writer in the American Agriculturist of recent date points out :

Creamery butter is the standard in the markets becauso it is uniform and can be had in quantities sufficient to supply the retail trade. The creameryman, however, has his trads. The unpossibility of over-seeing the production and first handling of the milk is a serious product. Unless a first-closes brittymaker can be obtained, much loss will result in many ways.

It is because of these drawbacks that there is still an opportunity for expect private dairymen to make a butter far superior in quality to the average creanery product. There are people in almost overy village and town who are glad to obtain for family usen strictly gilcedged article at its true value. To a limited extent this demand has been met, but I am led to believe that the field is by no means fully occupied.

To succeed in this it will often be necessary to lay asido preconceived ideas. Tempering crean by the sense of feeling or doterming a cidity by taste, will not answer. Butter owes its good qualities very largely to its treatment in the ripening vat and only in a small degree to the worker.

The essential features of good butter making are, a pure, sweet crean of proper consistency, ripemed rather slowly at a temperature of 88 to 62 degrees, or a little higher, with or without a starter. The acidity at churming time should be not far from 0.7 %, preferably under than over, though the writer has recently made a sample of butter which scored ninety-nine points in a possible one hundred I rem cream which at churning timeslowed 0.745 %.

Churning temperature is governed by the per cent. of butter fat and degree of ripeness of the cream, also the character of the herd and period of latention. The temperature should be such that from 80 to 60 minutes are requived for charming. Cream ought never to be charmed when it breaks in from five to ten minutes, as such treatment is ruinous in point of quality and economy.

Excessive vashing of butter is always at the expense of the flavor. If in just the right condition, it requires very little washing. Some prefer a washing of brinu at a temperature of 54 to 85 degrees. Good results are obtained in this way. The flavor is supposed to be removed in a less degrees than by the use of pure any to be used in quantities to suit the trade. Working is important, i.e., it is important to do just as little of it na swiit answer the purpose of overly incorpoating the salt and removing moisture. Suite degrammers is to be rightly ob-

Strict cleanliness is to be rigidly observed with overy implement and in overy operation from beginning to end, not one day in seven only, but overy day in the year so long as the business continues.

A farmer who can produce a really fine flavored butter need not fear that he will lose money by turning his efforts in this direction,

The refrigerator cars on the railway bring the larger cities within reach of farmers hundreds of miles away, and the cold storage facilities offered by most of these larger cities, remove the necessity of immediate sale at "slaughter prices."

#### The Piggery.

THERE: are instances where a breeding sow has been kept a dozen years or more, but as a rule it is believed that seven years is the limit of usefulness as a breeder. When she holds up her head like a cow in feeling it shows that she is losing her teeth, and is not to be kept for breeding purposes.

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This domand for fat porkets at all seasons of the year is gradually breaking up the year is gradually breakyearly. This is an advantage one lot work is distributed and the risk materially lessened. Besites, it gives an opportunity of using the feed to better advantage.

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A CORRESPONDENT writes.—I have fed for years µ st corn and ground rye, the corn in car from the time it is in roasting car stage until it is hard, with ground ryo mixed overy morning with water, ono pail of the ground feed to four of water, 1

£.

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I do not feed it stalo. My hogs have the run of clover after grain is off, with continuous supply of sailt and wood ashes, also a bag of ground sulphur in a barrel. I have heard complaints of sickness from feeding new corn, but have always had healthy pigs by this method of feeding.

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Little pigs will give returns for the extra attention necessary in proparing their fool. See that each little fellow gets one test, that he may have bisshare of the mother's milk. A little warm milk made into a mash with moldlings will help the sow to make more and better milk and the little pigs to grow. Have plenty of fresh water on hand where the sow and the pigs can get it at all times. A little charcoal will prevent sour stomach. Health and thrift in breeding animals mean money in the farmer's pecket.

#### In the Poultry Yard.

Wi, doubt if any creature, domesticatcd, on the farm is subject to so many discase as the fowl, and it transmits its defects to its offspring with preat certainty. We have seen a male with a lopped comb endow all bis sons with the same precultarity, although such chicks were hatched from eggs haid by different hens. The roup is passed from parent to offspring when it becomes a constitutional disease and lack of vigor causes degeneracy. The remely is to use only heathy and vigorous stock for breeding purposes.

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GOOD POINTS OF WHITE WYANDOTTES.

Probably, for eggs alone, no other breeis of lowis are so popular, the country over, as the Leghorns and Minoreas. Yet they do not fill the bill for those who wish a general purpose breed. The latter class want a heavier, attractive carcases, hens that will hatch and raise their clicks, and harving therability to other breed has had so wide a distrilution in this country as the Plymouth Rock. Of later introduction is the Silver Wyandotte. In some points this breed excels the Plymouth Rock, while it prolady fails behind it in none. In rolor, of course, it runneh like the White Wyandotte cock. They have a low flat comb, that will not freeze in winker, clean, yellow skin and legs free from gate pin feathers, and for the table.

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cannot be beaten. The breast is plump and full, where the Plymouth Bock is liable to be a little sharp and wedgeshaped. The White Wyandtets have quiet dispositions, are easily handled, make excellent sitters and mothers, lay large, dark-colored eggs, and are very small caters. If on takes any prido in the the Wyandette, with its snowy white plumage, clean, orange-yellow legs and beak, and bright red comb, forms a plenang contrast to the variety of ackes. The large brownerg strain in White Wyandtets, more good qualities are combined than in any other breed.

#### Well Spent Labor.

Easily Made Smokehouse.

A cheap smokehouse can be made from an organ box (a) or anything in which the meat can be hung. Set an old heating store (b) in the ground eight or ten

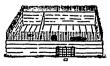


feet from the box, preferably below it on a hillside. To conduct the smoke from the stove to the house, hay an old stove pipe (c) under ground or use 6-inch tile. The stove must open on top.

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#### A Feeding Pen for Hogs.

Where hogs are fed near the house or barn, the fowls are apt to go among them and cat a large portion of the feed. I,



says a correspondent, finally solved the problem by constructing a feeding pen so that the hogs and pigs could go in and out at pleasure, but fowls of all kinds were excluded. Build a fording floor several inches above the surface of the ground and enclose with a tight heard fence surmounted with pickets a foot or more long. Make once or more demunsdoor, a from the tops of half will swing pretty freely either way. Leather stargs of high some farm to go back and forth but fowls will not enter. If there and to size of the some inter the some for the first of the solution of the solution of first here on the solution of the solution for the solution of the solution of the first solution of the solution of the solution into sizes of the solution of the solution into the size of the solution of the solution into the size of the solution of the solution into the size of the solution of the solution of the pigs.

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#### To Prevent a Horse Kicking.

The illustration shows a device to be used where a horse heat histstable companion. It is made from one-inch galvanized iron tubing. The two corners are served together with a return coupler. Pins go through holes in thu upper of than all. Acceled is fusioned to the device for raising or lowering as required. When not muse it is raised and



is well out of the way of everything. In use, it does not interfere at all with the animal's movements, excert to prevent his being too free with his feet and legs.

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#### For Washing Farm Vehicles.

The device shown in the cut will save much time and labot in washing wagons. A narrow, water-tight box of the shape shown in theillustration isslipped under the wheel when it has been " jacked " up. A pail of water is now poured in and the whe revolved. The dirt can thus be



removed quickly and much more easily than when a part is used to hold the water. Once used the benefits of this device will be very apparent.

#### ....

#### Treatment for Apple Choking.

A correspondent from the West writes: —The plan outlined and illustrated herewith is in general use in this section and has proved effectual, never causing injury. Fig. 1 is made of 3-inch round iron. It inches in length from the snarl. How the end to the handle. The ring the side origins Park and the ring the side origins Park and Here due to the the side origins. Park and Here due to the the side origins, the ring into the cow's mouth and Laten the cord over the head.



#### Turn lie handle down under the jaw, which will open the month, and the cow can then be held without further trouble. If the apple is not far down, it can be removed with the hand. The cow cannot bite or throw her head around if the handle is held firmly. If he apple to handle is held firmly. If he apple to rubber hee, Fig. 2, start through the right path the apple clear down into the stomach.

### ...at the... Editor's Desk

HE Christmas season is fast drawing upon us. Before the next issue of the MASSEY - HARRIS ILLUSTRATED appears, another Christmas Day will have been gone, and 1897 will be also among " the things that have been." Most heartily do we wish all our many thousand friends in all parts of Canada. and those-far from fow-in old England, and in still further away Australia.a very merry Christmas and a full measure of happiness and prosperity in the year so soon to dawn upon us. As we look around and ponder upon Canada's nosition of to-day, and remember the lot of her people, we feel that tacro is not another country on the face of the earth in which " the Merry Christmas" should be so much in evidence. We are not a nation of aristocrats, still less an aggregation of plutocrats, but we are a homely, united neople, enjoying, for the most part, above the average of worldly comforts; knowing practically nothing of the sting of that dire distress and lifesapping poverty which in the large cities in the older world and in the United States, claims its thousands and tens of thousands; the romemberance of it cating like a canker into the hearts of true statesmen and of every thoughtful man and woman, most of all at a time when ALL mankind should be rejoicing.

We have our troubles and our trials, of course. Death stalks in our midst and Sorrow enters many a home. Disappointment in some matter large or small. generally the latter, is probably the daily experience of all of us; because we are not free from the infirmity of the age, which gives to ambition too large a share of the space belonging to contentment. Every individual life has its shadows, and why should any one of us in Canada expect to be exempt? Nationally, too, there are doubtless many things done, and as many undone, which do not in themselves contribute to an increase in our peace and happiness. But this also is the lot of every nation in more or less degree ; and while we in Canada,

as units and as a nation aro subject to the law which prescribes troubles, trials and temptations as part of the lot of mankind, individually and nationally; tude that the leaven of peace, plenty and prosperity is in evidence on our midst to an extent unsurpassed in any other country; that while as a units and as a nation the necessary shadows occury a place in our lives, no dark cloud has settled or hovers over any part of our fair Dominion.

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THE transference of Sir Oliver Mowat from the hurly burly of the political arena in which he has been such a couspicuous figure for at least a generation, to the peace and comparative quiet of Government House, is a step which will meet with cordial approval from all classes regardless of political sympathies. We may, many of us, differ from Sir Oliver on a hundred and one points of a party character; but for well on to a quarter of a century his was the hand shaping the course of the largest province in the Dominion ; and the fact remains that for that long period he served the province as its first minister, and, making duo allowance for the exigencies of political warfare as it exists to-day, there is no public act of Sir Oliver that even his epopuents will not admit was performed in the sincere belief that he was thereby best fulfilling the trust confided to him.

Of the private life of the present Lieutenant Governor we know enough to be convinced that those are fortunate who can count him among their personal friends, and the circle of these is a large one, comprising many who have been his unflinching antagonists in the political fold.

However much retirement into strictly privato sectuation might benefit physically one who has fought the hard political battle until nigh on to four-score years of age, we cannot help feeling that the complete withdrawal into private life of such astrong personality would be a loss to the country. In the Lieutenant Governorship we have a Hallwayhouse. Here we inope we may find Sir Oliver Mowat I or the next How years, and at the end of that time, still hale and henry, prepared to spend the evening of his long and useful life in the still greater quiet of domestic privacy, which we are sure will be the desine of the venerable statesman.

IF our farmers are to reau the full benefit of returning " better times," they must exercise greater foresight than has been shown in too many parts of the country during the past season, which has produced another illustration of the fact that the reputation of the Yankco for "cuteness" is not without foundation. We don't begrudge our neighbors their fame in this respect, or the legitimate spoils of keen business instinct, but wo most decidedly wish that further fame and spoils had not been obtained at the expense of our own countrymen, as has been the case in the exceedingly large purchases of Canadian yearlings by American cattle buyers.

When what was practically a standing offer of from 3 to 35 cents a pound live weight was made for yearlings of all descriptions, good, bad and indifferent, our farmers, or a very large number of them, rejoiced exceedingly. Standing offers of this kind mean aquick and ready mean g of converting stock into eash: no watching the market and dolging the fluctuations to arould a big drop and secure the benefits of an upward tendency, the benefits of which are not always what they seem, the expense of waiting, etc., taking a big slice off the extra profit.

This was the view taken by hundreds of farmers, and, consequently, Canadian yearlings by the thousand havo been shipped to the United States. Buyers in Toronto and other centres scoured the country to meet the demand from the other side. Of course. this has brough' a considerable annount of United States money into Canada, and momenarily benefited the Canadian farmer But the other side of tha question is the one that reflects upon our astuteness, and will make us pay a high rate of interest for this "temporary accommodation."

The unprecedented demand from the United States for Canadian yearlings had its origin in the good condition of

the pasturage this year in that country. But the pasturage was equally good in Canada. To obtain the full benefit of their good pasturage, the American ranch-owners and farmers put on all the young stock they could, taking all that was offered or obtainable. Looking only to the present, our holders of young stock met the demand with well-nich all they had on hand, with the result that for the t mo being the country is almost depleted of yearlings; and of our good pasturage we have probably not reaped one-eichth of the benefit possible, had we kept our yearlings here instead of allowing them to be pastured in the United States. whence we shall have the pleasure of repurchasing them next year at the same rate per pound, but with from 200 lbs. to 300 lbs. increase in the weight of each animal; an increase obtained at absolutely no additional expense to the American ranch-owner, who will pocket a clear profit of from seven to ten dollars on overy yearling the Canadian farmer was good enough to let him have. The Canadian farmer can count himself just so much out of pocket for every yearling he parted with.

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THE custom of fitting up Atlantic Liners with cold storage rooms is increasing rapidly on the other side of the water. At Livernool, where the leading firms of manufacturers of refrigeration plant conduct their operations, it is becoming almost a common practice for a steamer to be taken in hand upon arrival in nort and be sent out a week later with a portion of the hold transformed into an insulated cold storage chamber, and a complete plant installed for maintaining whatever degree of temperature may be required. This is full of significance for Canada. It is not only Old Country people who are only now realizing what Canada is capable of. While it has long been the custom for our orators to speak of, and our journalists to write about, "our boundless opportunities," we have for years very assiduously ignored many opportunities, which, properly used, would have proved to our great advantage. When Mr. Garratt F. Frankland of Toronto demonstrated in most practical manner, that England was a ready

market for Canadian cattle, alive, hundreds rushed into the business, and the shipping of cattle to the Old Country has been one of our prominent industries for nearly two decades.

Unfortunately the idea that all success in shipping hy in cattle and other live stock, obtained, and has retained until recently. a strong hold upon the minds of those who have acted as the middlemen between the Canadian farmer and the English buyer. With the present year's deplorable record of failure, lives stock shipping will have lost most of what remained of its old time fascination; and energies hithetto active in that direction will now be engaged in a less sectors iteld.

Of course it is very comforting to think that when the excessive expertation of one line of products ceases to be profitable. Canada's resources are so many that we can substitute for the product that has ceased to be profitable, some other or others for which the demand is great; but this running one horse till it drops, and then putting another in the shafts is bad policy and wrong in principle. This is practically what we did for nearly twenty years in letting our efforts be, comparatively speaking, monopolized by the exportation of live stock, to the exclusion of our fruits and dairy products.

Of course there are or were difficulties in the way of shipping the latter, such as lack of proper accommodation to ensuro their arrival in saleable condition; but how quickly those difficulties can be surmounted when the necessity arises is evidenced to-day in the action of the owners of the Atlantic steamers in fitting up their boats with cold storage rooms. This means that from Montreal or Halifax to Liverpool, Manchester, London or other English ports and distributing centres, Canadian fruit or other perishable produce can be stored in a uniform temperature of whatever degree is necessary for its preservation in perfectly good condition.

This is only half the battle. The other -the keeping of the fruit or other produce in perfectly good condition from the garden or field to the steamer-is ours. Cold storage to-day does not mean

getting the coldest atmosphere possible by the packing of ice in the neighborhood of the articles stored. By that means no real control of the temperature is possible, and one of the first lessons for growers and others to learn is that different articles such as butter, fruit, dead meat, all require a different temperature to ensure their proper preserva-While ice houses have served tion. and always will serve, a useful supose in their way, they can play bat little part in the system of cold storage, in which we have not the slightest hesitation in saying much of Canada's future prosperity is wrapped up.

What good sleighing is to the farmer in disposing of his crops locally, cold storage is to him in the disposal of his produce to the consumer across the Atlantic.

It will not be possible for each farmer to have a cold storage establishment on his farm ; except in the case of a few unusually extensive farms, the cost would prohibit this, but, looking at the question carefully in all its bearings, and realizing as we do the part it is yet destined to play in advancing our national prosperity, we feel sure that the time is not far distant when not only every city and town, but every township, will deal with cold storage as it does with the markets, road making, street lighting, water supply, and other kindred questions: make the provision of it a part of the municipal work, so that within a few hours of the fruit being gathered or the butter made, the farmer can place it in the same temperature in which it will be kept until it is handed over to the Old Country retailer, two, three, four or more weeks later.

As incident, illustrating the possibilities that lie before the Canadian Iruit growers, came under our personal notico recently, when a gentleman from England expressed a desire to purchassome grapes to send to the hard y at whose houses ho was visiting in Toronto. He had that day tasted Canadian grapes for the first time, and was very culogistic of their flavor.

•.•

"How do you buy grapes here?" ho asked; "by the pound?" "Oh, you had better buy a basket," wo suggested.

"A basket! There must be seven or eight pounds in one of those baskets. A small family would not eat those before they went bad."

We assured our friend that the biggest basket of grapes on the market was not too big for the smallest family in Torouto

"You must be very extravagant people here. What is a basket worth?"

"Twenty or twenty-five cents."

"Twenty cents! There are grapes in that basket that would sell in England for four or five shillings, at the least."

We told our astonished visitor that we were aware of that, also that we were not in England.

"But why on earth don't your fruit growers ship to England?"

And we echoed " Why ?"

The gentleman in question, however, was so much impressed that he did not leave the matter there.

He is the director of a large London tea company, having accounts with four thousand retail grocers in different parts of Great Britain.

The idea of testing the possibilities of an import trade on Canadian grapes through his already established connection with four thousand retail houses at once suggested itself. Before he left Canada he opened negotiations with a view to making the experiment next year.

This tuberculin test is a subject of which we have heard a great dual of hate. That we in Ganada are not the only people awaiting more positive proof, one way or the other, will be evident from the following extract from the dyricultural Advertiser, published in South Africa.

We publish the report in good faith, and not with an evil desire to utterly destroy the peace of mind of our readers :

"The results of the tuberculin test in Bararia ato quoted in the Veterinary Record. According to Der Weelschrift Aur Thierkelkunde 5,500 uuberculan moculations were undertaken on 1,182 farms. The first incoulation had a positivo result in 1,000 animals. or 512 per cent ; in 579 animals, or 113 per cent, the result remained doubtlul. Two hum dred and five animals were inoculated a second time, of which  $\xi_0$  or  $21\beta$  per cent, a doubtin result. Of the doubtin reacng animals, 22 were staughtered and the other second and the second the second the other handles and the second the second the other handles an argentered in which reaction had been undoubtedly positive or negative, 91, or 13 per cent, showed diagnosis are seculd of ingection as meanchasive. Of 175 catthe which had not tractify and real the second second second classics of reacting the second second second classics of reacting the second second second reaction had not the second second second second classics of reacting the second second second classics of reacting the second second second reacted, 71, or 14 per cent, were free from tubecuelos."

•_•

Thue decice of the Postmaster-General that after January 1st letters from Canada will be carried to any part of the British empire at the rate of three cents per ounce, is one that cannot fail to comnend tuself on both sides of the Atlantic. It was a nuscely move to make the sumouncement of this welcome departure on the evo of an election as imporant as that waging at the hour of writing in Centre Toronto.

There is nodoubt that not a few of the votes the liberal candidato receives will be cast not for the cause of liberalism generally, but as a token of appreciation of the Government's action in strengthening still further our chain of empire by the addition of the three cents ounce link.

Pleased as we are with the change, we wish it had been made still more emphatic and significant to our foreign "friends" across the line. Insomuch as the object of a cheaper rate is, we believe, to make possible more frequent communication between correspondents in England and Canada, that end would probably have been as easily attainable if the weight limit for the lowest rate had been left at half an ounce. By fixing the rate for the half ounce at two cents, we should have accomplished something definite in the way of preferential treatment of the empire. Doubtless this will follow before very long; in fact, we deem it highly probable that Canada's action will result at no very distant date in that longed-for boon-a penny postage between all parts of the Empire.

TAKE 7

#### MARCHING IN THE RIGHT DIRECTION.

#### STUDY OF AGRICULTURE IN OUR PUBLIC SCHOOLS.

UR constant advocacy of the science of faming forming a part of the regular studies of our "coming men" is will known to all our readers, and it is with very great pleasuo that we notice the progress that is being made by the Educational Department in this direction.

The teachers in the public schools are fast being made aware that the teaching of agriculture will soon take a foremost place in the currentium of their class work. We append the syllabus of the course in agriculture in the Normal Schools of Ontario, and we are sint all will admit that it is sufficiently comprehensive:

(1) The Plant-Relations of mineral, vegetable and animal knapidous to each other; constituents of plants, ielative proportions of combustible and incombustible matter in plants and in different parts of the same plant; insture and sources of plant fooi; functioner, plant development. Proximate composition of some of the most important crops given in Oktavio.

(2) The Soil—Proximate composition and classification of soils. chemical comstituents, physical properties, and comparative/fertility of the principal varieties of soil; functions of each ingredient in a feitule soil; active and domant constituents of soil, and the best means of comvering the latter into the former; power of different soils to hold mosture, nanure, etc.; causes of unproductiveness, influence of rest, frost, aspect, elv: atom, etc., on the productiveness of soil.

(3) Drainage and Tillage—Importance of having hand properly drained; indications of the need of under-draining; injurous effects of stagmant water in soil; practical advantages which result from under-draining, objects and effects of tillage; need of therough tillage; ploughing, harrowing, rolling and cultivating; deep and shallow ploughing; fall and spring ploughing; fallowing; benefits which result from sturring soil; pitrification, etc.

(4) Manures and Seeds-Production,

management and application of farmyard manue; conditions which affect its quality; green-crop manuing; notes on the most valuable introgenous, phosphatic, potash, and humo manures; mfore of the second second second second phatic, potash, and humo manures; mfore of agree on second second second of secol; quantity of second per actor; methods and deph of second per actor;

(5) Rotation of Crops-Crops which each kind of soil is best adapted to produce; succession or rotation of crops; principles underlying rotation; examination and criticism of different systems of rotation; smut, rust, etc.; midge, Hessian Hy, wire-worm, etc.

(i) Live Stock-Points of beef cattle and dairy cows, with diagrams. Breeds of beet cattle, with diagrams and desciptions-Shortherns, Heteloods, Aberdeen-Angus, Galloways and Devons. Breeds of diary cattle, with diagrams and descriptions - Ayreshires, Jesseys, Holsteins, Cundians and Shorthorn grades. Bivels of sheep, with diagrams and descriptions-Licesteck, Cotsvolds, Luncolns, South Downs, Shopshire Downs, Oxford Downs, Hampshire Downs, Merinos. Importance of selection in breeding.

(7) Food and Feeding – Composition and properties of some of the most important foods and foldiers grown in Datarro; introgenous and non-nitrogenous ingretients in food proportions in which to combine these for different objects; importance of a mixture of foods; points to be observed in order to get the full value of food; shelter and warnth as means of economizing food; good and bad systems of feeding.

(8) Dairy Products- Most important points to be observed in the production and handling of milk; treatment of cream; churning; working, salting and packing of butter, etc.

(9) Forestry - Planting and care of trees for shade, shelter and omament, varieties best souted for different purposes.

(10) The Beautifying of Country Hones - Site, laying out of house, lawn, ornamental trees, etc.; hunts as to the best way of making comfortable and cheerful homes with as little labor and expense as possible.

## AN ECHO OF THE BRITISH ASSOCIATION'S SOJOURN IN TORONTO.

A GREAT LONDON "DAILY" TELLS OF A VISIT TO CANADA'S LEADING MANUFACTORY.

AN OLD WORLD TRIBUTE TO CANADIAN ENTERPRISE.

TE took occasion in a recent issue to refer to the publicity that would be accorded Canada in the Old Country, and the benefits, direct and indirect, that would accrue therefrom, as a result of the annual meeting of the British Association being held in Our observation has been Toronto. verified in a manner that we certainly did not expect, but which is eminently Among the places of satisfactory. interest visited by the members of the British Association was the Massey-The visitors includ-Harris Works. ed a member of the staff of one of the few really great journals of the world, the London Daily News. The conservative character of English journals and the value of space in the big London "dailies" are proverbial; condensation to the narrowest limit is practised, even in regard to events of a very topical character. In view of this we consider the attention devoted by the Daily News to its representative's visit to the Massey-Harris establishment as strong evidence of the keen interest that is being taken in the Old Country in the detail of the industrial and commercial life of Canada.

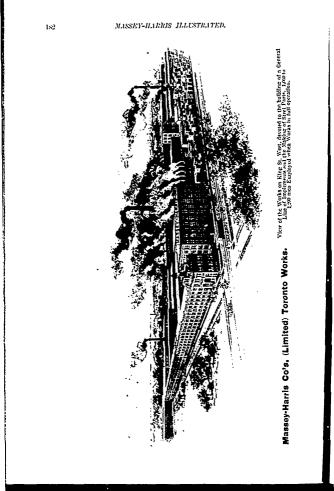
The London Daily News says:

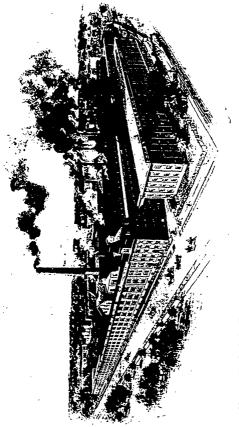
"Many of the members of Section G. have paid a visit to the works of the Massey-Harris Company to see for them-selves the equipments by which are produced the agricultural implements which are exported to all quarters of the world. It is certainly a remarkable establishment, and one was curious to see the place from which certain implements are sent even to Great Britain. The Majestic on her last voyage, for example, took over twelve railway car loads of har-vesters and binders for Scotland. I saw goods ready for Australia, France, and Germany. The works cover about ten acres of ground, on the Ontario shore, and with sidings in direct communications. and with sidings in direct communication with the Canadian Pacific and Grand About 1,200 hands are employed, and there are 800 more in branch establishments. The speciali-Trunk Railways. ties are harvesters, binders and mowers, and the season for them, so far as the works are concerned, is past. Now comes

the fall trade with drills, cultivators, ensilage cutters, straw cutters and root pulpers. Ensilage is an article of firm faith with the Canadian farmers, and they declare it better than anything else as win-ter feed for milking stock. The native woods are invaluable for this branch of manufacture; the white ash and hickory are unequalled, and rock elm is also a fine wood. The works are a marvellous study in labour-saving machinery; it really looks as if it was the machines that were human, and the men that were machines. The steam-driven tools pick up bars and rods of iron, bend them, and shape them as if they were bits of tin. They cannot here, however, do without our good Sheffield steel for their tools, though much metal comes from Nova Scotia and Pittsburg. An enormous amount of grinding is done to produce the teeth and knives by which the wheat at this moment is being reaped in bountiful harvest from the graingrowing parts of Canada.

"I was shown a number of giant grindstones, each 6 ft. in diameter, and a foot thick, and this trifle of two tons is whisked into its place by a specially-A man in full work devised crane. wears out one of these stones in three days; 600 were so worn out last year in The 'lumber' room was the works. fragrant with the smell of clean wood in the turner's hand; spokes and rims are rattled off by the tens of thousands. The hickory for spokes is split and never sawn; in this way perfectly grained wood is insured. The paint shop again was a curious illustration of the new methods; the honest old paint brush is not wanted here; a wheel bar or pole is simply put into a tank of paint, red. blue or yellow, as the case may be, and the brush is only used for the ornamental striping. The firm once published the "Massey Magazine"; now to the agri-cultural machinery has been added the Massey-Harris wheel, a bicycle pattern of which 6,000 were made last year. The warehouse floor was heaped with a con-

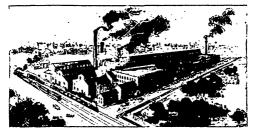
signment for Sydney by the next ship. "Daniel Massey, the founder of the firm, was a comparatively poor man when he set up his little weather-bound shanty in 1847 in the Ontario town of Newcastle. The Company now turns over four million dollars per annum, but it is scarcely necessary to add that the shares are kept snugly in the hands of the Massey and Harris families."





. Massey-Harris Co's. (Limited) Brantford Works

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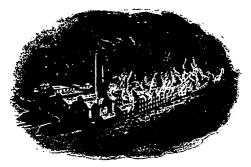
WORKS OF VEHILY PLOW CO., LINETED BRANTICPA, ON THE APTENDON OF OCTOBER 2814, 1897.

#### A DISASTROUS FIRE.

THE largest fro in the history of Bhantford, Ont., was the burning of the Verity Flow Company's works on the evening and night of Oct. 20th, last. The citizens of Brantford will not soon forget the big fight that had to be put up against fire that night, and how their noble fire department fought the finness so comagrously for

hours together—an accident to two of their number not deterring the others from sticking to their posts,

The kindness and valuable assistance rendered by the people of Brantford was highly appreciated by the Verity Company, and, as an expression of their satisfaction of the efforts of the firemen, a check for \$100 was sent to the department the next day by the directors of the Company.



WORKS OF VEHITY PLOW CO., LINITED, BAUNTORD, ON THE EVENING OF OCTOBER 2014, 1897.

Verity Plows and Scuffless have already achieved such a world-wide reputation that the works were taxed to their utmost capacity. For months these busy shops had been running twenty-four hours a day, greing employment to two sets of usen. From basement to roof every 1 com of the large premises was full of materials and gools in process of manufacture, and finished ready for shapment; the warehouso at the time of the face being full of Plows and Scufflers yeady to be loaded for Australia and New Zealand.

The loss was therefore a heavy one, aggregating upwards of \$50,000.

But this fire only serves to illustrato what modern enterprise can do. The Verity works may burn down, but the Verity works may burn down, but the Verity business must go on. Scarcely had the firemen's hose ceased to play ou the smoking embers ere the long-distance telephone was made to do duty, and telegraph messages, too, were sent hither and thates, purchasing a full line of the newset and best machinety and tools, also fresh supplies of raw material.

This now machinery was created in the large buildings not long since vacated by the Ban Wagen Company, Limited, on account of their removal to nore commodious premises at Woodstock.

In these newly equipped premises Verity Plows were again being turned out in three weeks' time from the day of the fire-a marvellous achievement.

The greater part of the old Verity works was entirely destroyed, though, fortunately, the splendil new steel plant and its contents, together with the valuable appliances for the manipulation of high grade steels, were saved, also the foundry and offices.

The steel and foundry departments are now running as usual, and, with the facilities afforded in the nowly fitted works, the Verity Company is enabled to turn out goods with even greater despatch than formerly and of the very highest class.



FAR AWAY HEADQUARTERS -MASSET-HARRIS CO., LINITEC, CATIOL-BANKANE, QUITABLAND

## MASSEY-HARRIS ILLUSTRATED.



## EDITED AND SELECTED BY MRS. JOHN HOLMES.

Correspondence is invited on all matters pertuining to the Home: questions relating to any feature of domestic life, or of interest to women generuilly, will be reading answered, schen possible, in the department.

÷ ...

## It Pays.

It pays to wear a sulling face And langh our troubles down, For all our little trials wait Our langhter or our from. Beneath the macke of a sullo Our doubts will fade away. As melts the frost in early spring Beneath the sumy ray.

It pays ato make a worthy cause, By helping it, our own; To give the current of our lives A true and noide tone. It pays to comfort heavy hearts, Uppresed with doll without A glean of brightness there, A glean of brightness there.

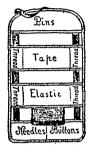
It pays to give a helping hand To eager, earnest youth, To poit, with all their way water, Their could be and the second second to the second second second second second Their could be and second second second the second second second second second the second second second second second And "the the second second second And "the the second sec

## Some Useful Needle Cases.

HERE are two pretty needlo cases. They are designed for utility, but may also be as ornamental as one chooses. The cases are shown open and closed. To make: Cut a strip of velvet, celluloid, or chamois' skin, eight niches long ty three niches wide; line with a strip of red satu. In one



end fasten a tiny silken bag for thimble, etc., in the centre fasten a spool of silk by running through it a ribbon which is tired on the outside of the case in a bow. The other end of the case is furnished with a needle book made of hannel leaves having the elges scalloped and worked in buttonhold sitch, with some pretty colored etching silk; ribbon is sewn on each side to fasten with. The ornamertutions on outside of the case may be any design to suit the fancy, but for small articles of this nature the pattern will look best worked out in natural sluades in Kensupton sticht. The second case is sonowhat similar to the one just described, but folding differently. Gut a piece of oozo leather or oil silk about three and on-half inches wide by six



inches long; this will form the outside cover. For the unsule lining, stitch scraps of channois skin or celvet in the form of pockets as indicated in the illustration. Letter each pocket in outlins stitch with etching silk. The leaves for the needles should be made of fine white flanned but-



tonholed with blue or pink silk around the edges. The case should be nearly bound, and supplied with two ribbons to fasten with. This is a pretty little needle case and can easily be made, and is at the same time inexpensive.

## HOME MADE UNDERCLOTHING FOR THE LITTLE ONES.

We har and read a great deal now-a-daya about smart underclothing for grown folks, but people are far too apt to think that "anything wild fold for the children's underclothes," and we catch sight of plan calice edged with ever lasting trimming, and get glimpses of petiticoats that nover know foun or beauty. Nothing really contributes so much to tho general effective turn-out of our little



PETTICOAT AND STAYS.

ones as glimpses of snowy frills, next stockings irreproachably "suspended," subckings irreproachably "suspended," ing to keep the oldest flock fuon falling hopelessly limp round the little legs. With a little langenuity, remnants of serge, moreen, or silk, which ato not enough to be of any use in the matter of knickerbockers or petiteoats for ourselves, will often suffice for the renewing or renovating of the children's smaller garments.

To begin at the beginning, let us turn our attention to vests For real economy, never buy a woven or machine-knitted vest. Is takes such a short time to knit a vest that there can be no difficulty in supplying hand-knitted ones, and they outwear anything woven by machine.



## HAND ENITTED YEST AND CHILD'S CHEMISE.

Use soft wool, such as "beeline" or "Lady Betty" and use medium-sized bone needles; kmt loosely in a large rib, and make them long enough to come down to the child's hips. Always wash carefully at home, and be on the lookout for thin places for immediate darning. We next come to the cherits. Combinations are not, as a rule, satisfactory for children's wear; as, with short skirts, the drawers getsoiled and require changing oftener than the chemiso-and hero let me say that as long as short skirts are wonn, two, if not three, pairs of drawers should be allowed weekly.

One of the most convenient stapes for a child's chemiss is that fastening on tho shoulder, and our illustration shows a simple little trimmed yoke, which may be quite plain behind, the chemiss being slightly fulled into it. This makers yoked dresses set nicely without too nuch fullness under them. For a chemiss 20 ins. in length, one-and-a-half yardsof longelothat, say, fets, peryard, is sufficient, and three yards of torchon edging or entoridery. The cost of each chemise, if made at homo, need not exceed 30 or 40 cents.

Many mothers like their children to wear flannel or flanneletto drawers, but as these are generally unsightly, and the rough surface so soon gets soiled, let me



FLANNEL DRAWERS AND LONGCLOTH AND TWEED KNICKERS.

beg of you to have them made plain and worn under cotton drawers. Of course, both should be made to button on to the clud's stays, but the wear and tear to the flannel drawers is much less if made wide, loose, and short.

Longeth knickerbeckers are very easily made, and should be made with a tuck rather high in the leg to allow for letting down; they should only just reach the knee, and the fullness should be ovenly gathered into a smart little feather slittlefed hand edged with embroidery or should milling i in trybe edged with borehon hace, but this will not stand very hard wear.

For walks organes it is a great comfort to a child to have a pair of knuckerhorkers made of tweed or serge to match the overvday dress, so that all peticoats may be discarded. These should be put into a derp-shaped band at the waist, and buttoned at the sides. I hope it is not necessary to insist most stongly on children wearing stockings suspenders. Gato must be taken to have the chastic the right length to keep the stocking free from any wrinkles with buttons or strings to part company. The simplest and cheapest as well as most durable suspender is a bread firm chastic, seem or buttoned to the stays, and supplied with strings to to on the loop-satisfield to the stark map. Always side, or the wrong stocking is put on and wissted round in an ungamp way to make loop and strings meet.

As to petiticats, I am old-fashioned enough to prefer a flamed petiticat covered by a longeloth or moreen one, but, as I said before, for games, etc., ono has to sacrifice appearances to conlort, and substituto tweed kneckers.

The flannel petiticoals should not be too thick, and gathered (not pleated) into a deep land buttoning on to the stays. It may be finished by a deep hem or a worked scallop, or an edging of "yak" lace.

The upper petitional should be made of morecen, which can be purchased in any color, and, edged with a gathered bas firll of the same as this, makes the dress stand out well. This petiteoat, being made of very durable material, should have a tack or two to let down. It solutions growth and pleated that have buttime growth and pleated that have buttime on to the long-loth peti-coat bodies.

Some people like the petiticals made with bodices, but it always seems to me sampler to have a flannel or longcloth bodice with buttons to button the peticoats to. This makes the changing of a petiticoat a very simple matter.

The longeloth petiticoits should be rathered full and gathered into a similar band. For ordinary wear, a simple three-inch olging of embroidery looks and washes well, but for smarter occasions the petitcaat may be made of mainsook, edged with frills bordered with Torchon or Valenciences lace.

Though, perhaps, some of these garments may seem needlessly chalorate, they can be made very cassly at home, and children are often delighted to help in the simpler parts, thus cultivating an interest in, and attaching an importance to, under clothing, which is, also, anong our Canadian, girls, too rare.

## A Talk with Mothers.

FIRMNESS, TACT, PATIENCE AND LOVE,

III THINK it will be universally conceded that only in exceptional cases should corporal panishment be resorted to and never in the presence of others. A sensitive child feels keenly the disgrate of being reproved before others, and from sheer mortification and chagran would zeturnily resent the reback, and many times would beguilty of radeness that in his calmer moments would never here been committed, "Provoke not your children to anger" has a bearing bere.

We should always be considerate of the children, for they are miniatures of ourselves, with the same impulses and characteristics, tender and unbiassed by contact with the world. Something should be allowed for mero animal spirits, but if a child is guilty of a misdemeanor too serious to be lightly passed over, he can be knished to solitude for a little. I do not mean shut up, for that is a terror to a nervous child, and productive of much harm; but he can be made to understand that in his present condition his presence will not be tolerated. Reflection will do much towards restoring him to his better self. Then if ho is approached quietly and in a right manner, a lasting impression can bo made, and a bond of sympathy established botween the parent and child that punishments are powerless to bring about. Firmness, tact, patience and love will usually solve the disciplino problem and win the child's respect for the parent, and will deepen his love until it will become a potent nower for good in years to coule.

It is said that Helen Keller, being asked to define love, explained it as the feeling every one has for every one else. It is one of the compensations for the said the second state of the second state where the second state of the second state state of the second state of the second of envy, hateed, natice, and all uncharitableness, consequently she has never experienced these feelings. It is noticeable that the children in a good tempered household, where family jays are rare, able and the children in a good tempered household, where family jays are transtable as a transformed to define the second of unarreling, and it does not come on durareling the second being states are not only peaceful, but sunny-tempered the able that full, to polish up the dark one, or, if that fail, to polish up the dark one, when at the pace. Are you making your set the pace a dark one?

For Sprains apply cloths wrung out of very hot water until the inflammation has subsided. For black and blue spots an ounce of muriate of ammonia to a pint of lukewarm water makes a good application to be kert on constantly.

## CHANGE THE FOOD.

Does your baby three on the food you are giving it? Sometimes a baby's food to structure in the best possible, and yet is too tich for its stommely, which is tool, which of the will agree with it store, which a possible will agree instance, recommended physical for instance, recommended physical for instance, recommended in the store of the recommended for a neighbor's baby. It grew constantly fruider, but no one thought of the food hurting at, for hadre it been analyzed and found to be perfect? Another physician was consulted, who recommended trying a different food and seeing it is agreed with the baby is bright was obliged to use a different food and seeing it is agreed with the one different to be the one of the prior to baby its was obliged to use a different food and seeh one, as what agreed with out of and with the others.

## THE CHILDREN'S PLAYTINNES.

Have you ever visited a home where the children's toys were strewn from "garret to cellar," where often the nother has to clear out a chair befor the visitor can be scated? Surely this is wrong, While we all want the children to enjoy themselves, there is a limit to this wholesale litter. We cannot all have play rooms or nurseries, yet we can set aside a closet or several drawers for the little folks and when they are not playing with their toys, insist upon them being kept therein. It is an excellent idea to keep some of their playthings out of sight for a few days, then bring them out and put others away. They will seem newer to the child and he will appreciate them more ; again, they will last much longer. Little folks should be taught to put away their things at night; don't wait until the last moment, when they are tired and fretful, but have them do it early.

## THE SWEETNESS OF GIRLHOOD,

Girlhood and young womanhood are such pure ands we chand beautiful things when they are what God intended them to be, that it fills one with unspeakable regret to see a young girl's life falling short of its appointed beauty. And every young girl's life falls short of this beauty if it facks in molects, in dignity, in purity of speech, in gentleness and kindliness. The bold girl of pronounced dress and speech, the girl who sits at mught the opmuons of adures, the girl who is mosy and who seeks to be "dshing," the girl whose sparse to remain girl is trending on dangerous ground and her life is falling far short of the appointed leauty and sweetness of girlhood.

## Simple Recipes for Tasty Dishes.

A Sunday Pudang.—Two ergs, their weight in butter, flour and sugar. Beat the butter and sugar to a ceam, add tho crass, and hastly, theflour, which has had half a tenspoolnti of baking powder mixed in it. Butter a shallow piedish, spread with h layer of stewed ings, ent intely, pour the batter maxture over, and bake for half an hour.

Escalloped Eggs.—Some auchory, a sprigof paraley, a since of onion, several eggs, two ounces of bread crausks. Chop the anchory with the paraley and onion, nix with the bread crausks, and put the maxture into a flat dish; break a sufficent number of eggs to fill the dish, cover the bread crausks, secson and bake for ten minutes. Serve very het.

Egg and Bacon Pie.—Puta layer of short paste on a soup plate, put small pieces of ham or bacon previously cooked on the paste, beat one or more eggs according to the pie, season with pepper, peur it over the bacon, and then put a cover of short paste on the top.

Cheens Tardiets.—Put the yolks of two eggs, two ounces of grated cheese, and sait, into a half pint of white sauce and max all together. Why the whites of the eggs to a stiff frolh, and stri them also in very lightly. Lune patty-pans when the back of the data same pints of the same same same when the back of the same same guick oven. Shut the own door very carefully when backing them or they will not be light.

Fish Frühters.—The remains of may boilelf fish can be made into tasty cakes or frütters as follows.—Remove all bones from the fish, and put it in a basur j beat it up with a fork, and mix with it a small quantity of grated bread-erumbs, a bittle very finely chopped onion and parsley, priper, sail, and a couple of well-beaten eggs. Put some land linto a frying-pan, and, when quite boiling, drop the mixture into it in small cakes; fry them a light brown on body sides. They can be eaten hot or cold. Tinnel salmon, treate in the same way, makes thelicoust finits be drained off before using tho salmon. As half the contents of tho tin will make a good dash of fritters, tho other half can be utilised by pouring speed vuncear over it, when it will keep good for some days.

Common Bread Cates.-Take the quantity of a quartern loaf from the dough when making white bread, and kneed well into it two ounces of butter, two of white sugar, and eight of currants. Warm the butter in a teacup of good milk. By the addition-of an ounce of butter, or sugar, or an egge or two, you will make the cake better. A teacup of cream inproves it much.



" I love God and little children. -Jyax l'at 1.

## When we go Fishing.

When we go felding in the brook, Joog and Cleely and I, A trooked bins our only hook That eathers can't sometimes we the The string tight to a willow limb Just where the biggest minnows saim Then we lie down there in the shade, And watch our lade that tip and fost ; And once a bridge of rocks we made, And hullt a castle and a theat,

But just as sure as we begin. Why, Joc) goes and tumbles in.

Then all the frightened ish they hide liencath the rocks and in the pool There's not a minnow to be specify The water settles clear and cool With bubbles 'tween the rocks and form; But then we must take Jory home

Of course he eries at mamma's look Of course he crist at manuna's look Sho says, 'is this the only head. That you can catch in Silver Brook?" Sie knows though, we'd cet all she'd wish, With just our string and jail and pin-If Joey wouldn't tunido int

-Verginia Woodward Cloud, in St. Nicholas.

## •.•

## Daisy's Afternoon Tea.

AISY didn't quite know what to do. Mamma had a headache, and wanted to he down, and had just asked her to amuse herself awhile. and had given her a penny to spend at the grocery store.

Daisy thought for sometime as to how she should " amuse herself." At last she said. "I will give an afternoon tea."

Of Daisy trotted to the grocery store. and with her penny bought a moist, sticky lump, twisted up in brown paper and the grocery man, who was a great friend of Daisy's, when he heard of the afternoon tea, gave her a handful of raisins besides.

Then she went home; and Della, the cook, gave her a glass of milk with some

cookies, and a big yellow banana. Then Daisy took her own little table and rocking chair out in the shade under the big clin, and set the table nicely with a white cloth which she had begged of Della, and a beautiful bunch of flowers in the centre. Then she spread out her refreshments, and sat down to wait for the company.

It was some time before any one came. It was some time before any one came, Finally, Daisy saw what sho supposed was het own Katty Clover; butit wasn't, it was a stange kitty, so joor and thin, and so scated and shy that it wasa long time before Daisy could coax her near to drink, some milk; but, when she did drink, she scenned ho cupy it so much that Daisy was glad her own fat Kitty Clover hadn t come to drink it up heiself.

Just as the kitty was nearing the bottom of the glass, the arrival of a new guest sent her running up the ein tree as fast as she could go. The new guest was Prince, just home from a ramble. hot and hungry; and he finished the milk with two laps of his great tongue, and then ate cookies till Daisy called him "a greedy dog," and said he shouldn't have another one. So Prince thought he would take a nap under the trees.

Daisy waited a while longer, and was thinking she shouldn't have any more callers, when she saw a weary couple commig down the road-a man with a hand organ, and a tired, dusty little monkey.

The man asked Daisy for a drink, so she ran in to Della for more milk and cookies, and while the man was enjoying his lunch, the monkey perched on the edge of the table, and ato the big banana, piece by piece, from Daisy's hands. Then the man played some tunes on the hand-organ, and the monkey danced and did a number of pretty tricks. He then politely lifted his little red cap to Daisy, and held out a tiny pay for her to shake. The man lifted his cap, also, and they went off down the road. It was almost night now, so Daisy ato

the moist, sticky lump and the raisins herself. Then she ran in to tell mamma about her first afternoon tea, and how delighted all her guests were. And mamma was as much pleased as Daisy. And

## -Babyland.

## •.• Was it You?

There was somehody who said an unkind word which hurt somebody else. Was it you?

There was somebody who found nothing but faults in the belongings of his friend. Was it you?

There was somebody who borrowed a book and kept it for months. Was it you?

There was somebody who never stop-ped to thunk who was hurt by the sar-castic word. Was it you?

There was somebody who day in and day out, nover did anything to make anybody else happy. Was it you?

## The Old Kaiser's Visit.

A pleasant story is told of old Kaiser Wilhelm, who, at the age of eighty-five, raid a visit to a large orphan asylum and school at Ems. After listening with much interest to the recitation of several of the classes, he called to him a bright flaxen-haired little girl of five or six years, and, lifting her into his lap, said to her :

"Now, my little fraulein, let me see how well you have been taught. To what kingdom does this belong?" and taking out of his pocket au orange, ho held it up to her. The little girl looking up in his face,

replied, "To the vegetable kingdom.

"Very good, my little fraulein; and now to what kingdom does this be long?" and he drew out of his pocket a gold piece and placed it on top of the orange.

The little girl re-plied, "To the mineral kingdom.

"Better and bet-ter," ho said, "Now look at me, and say to what kingdom I

belong." The little girl hesitated long, as if perplexed as to what answer she should give. Was the Emperor an animal?

Then she looked up into his face with a frightened look. and, as if she was evading the ques-tion, replied: "To the kingdom of beaven.

The unexpected answer brought tears

rno unexpected answer brought tears to the German Emperor's eyes. "Yes, yes, my little fraulein," said he; "I trust I do belong to God's king-dom. And you thank it tuno I was there, do you not? Well the day is not very distant."

## Smiles.

Smile a little, smile a little. As you go along. As you go along. Not along when ille is idensent, ibut when things go wrong. Care delichts to see you frowning, Lores to hear you sight; Turne smiting fare upon her, Quick the damo will sy.

Smile a little, smile a little, All along the mad : Every life must have its burden, Every beart its load.

Why sit down in gloom and dyrkness, With your grief to sup? As you drink life's bliter tonic, Sinflo across the cun.

Sindle upon the troublet pitcrims Whon you pass and note: From s are thorns, and smiles are blossoms, "It for wary feet." Do not insec the way see in larder Sindles after, smiles after, Brighten up the place. Smile upon the troubled plicities

Smile upon your undone labor; Not for one who grieves O'r his task, waits weath or glory; He who smiles a chieves, Though you more with loss or sorrow in the passing years. Smile a fittle, smile a fittle, Even through your tears.

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Watching for Faults.

"WHEN I was a boy," said an old man," I was very

often idle, and

used to play dur-ing lessons with

other boys as idlo as myself. Ono

day we were fairly caught by the master. 'Boys,'

master. 'Boys,' hosaid, 'you must not be idle-you

must attend close-

ly to your books. The first of you

who sees another boy idlo will

please como and tell me.'

I to myself, ' there

is Joo Simmons, that I don't like; I'll watch him, if

I see him look off



LITTLE MISS MISCHIEF.

his book I'll tell. "It was not long until I saw Joo look off his book, and went up at once to tell

the master. "Indre I, 'said he, ' how did you know he was idle?"

"'I saw him,' said I. "'You did? and were your eyes on

your book when you saw him?' "I was caught, and the other boys laughed, and I never watched for idle boys again."

If we watch over our own conduct, and try to keep it right, and always do our own duty, we will not have time to watch for faults or idleness in others.

THE largest boy of his ago in the world thrives in California. His names John Bardin. He is 15 years old, 6 ft 5 inches tall and weighs 220 pounds. Christmas at Home.

HE year is long and life is short,

And Sorrow often calls to stay;

And Need hadh driven friends apart,

To travel each his way:

But there's a time—a happy time, When hands are clasped and friends unite; When fields are white with Winter's rime, While hearts bloom with delight. "Tis Christmastide, and, Christmas come, Heaven stoops to Earth, and there is home.

-William T. James.

be



## HARKINS LEARNT & LESSON.

HARKING is one of those genial soulis who like to be pulleted every basity, and the other day, when he set down by a gentlemanly looking old man in the street car, Harking sold— "Heasant day, law it 17" "Hey?" responded the old man with his hand

to bis car.

to bis ear. " I fail that it was a pleasant day." " Vint say ?" " I simply said that it was a pleasant day." " Please speak a little louder; I'm a tribo hard o hearth".

 $\sim$  "Diffusion days" is not the red-forced Hark Ins. annexed by the focult set of more than the one matching and the set of the se "Pleasant day !" roared the red-faced Harkins,

"DAVIE," said Edith, "what makes grandma

"Davir," said Edith, "what makes grandma talk so much?" "Can't you see?" replied the boy; "she's got a double chin!"

HUSDAND:-How do you like the view? WDE-(with createy):-Oh, I am speechless, HUSDAND.-Well, if that he so, I think we had better stay here and build abouse.

CLARA: --Oh' have you beand about Corn Currol? She is going to marry a stell widower with six children. Dona -- She always was a greedy thing.

ANOTHER DICYCLE VICTIM.

Under a spreading chestnut tree, The village smithy stands; The smith a lonely man is he, With large bot useless hands.

His trado was good in former years At shoeing horses' heels; He has not learned, it now appears, To mend the broken wheels

"You wish to be releaved from fury but you haven't proof prison," still the judge..." Its put-terior of commons." This is described a state of the state rector of commons." Lists of state of the judge, and I never agree with any body. If I so on this jury there will be alikagreement, and the country will have to get to the estense of a new trial." "Ex-cuted," stail the judge.

"What illd you stop that clock in your room for, Jane?" "Because mum, the plaquery thing has some sort of a fit every moralin' mum, jest when I wants to sleep."

A political speaker accused a rival of "un-fathomable meanures," and then rising to the or casion, said, "I warm him not for persist in the disgraceful course, or he'll find that two of us can play at that game!"

PRISONER OVERSEEN:-You seem antious to do better. Is there anything I can do to improve your condition? PRISONER:-Ves... let me out.

As Irishman who may out of mork wrist on least expansion of the result of the result of the result of the "Well", will be could find that not not not be obtained institute (relemants b) second of the result of the result of the relemants b) second of the result of the result of the relemants of the result of the the result of the result.

"The charge against you, prisoner," said the magityrate, "is that you were caught in the act of parioining taberdasher??" "It and taberdasher??" All i was doni wus stealin incektles."

"THERE is no occasion for you to envy me," faid to trouterous person. "I have as many troubles

" Institution of the second se

A CANDIDATE at an election in England was known to be strongly in favor of flogging in the Army, Ho saw no necessary disgraco attached to known of a saw no necessary unstantion of the saw no necessary unstantion of the saw no necessary unstantion of the said he, "I was flogged my sell once, and it was for telling the truth." "And it cured 'cc, naw doubt," said a russic in "- mo thut.

The bycome days in the United States, an old market if Hod are the Muter's clubble states in series and the state of the states of the cuts were still the, and nother's clubble states the clubble cuts were still the, and nother is fully and the state His master remonstrated with him for eating a clubble, when the state or cpilot: "Well, sail, tonke got less clubble, hut you's got more night?"

go dow nagaan. A Youxa bataulst was showing a party of ladies and termine torn the that it the enter along, a the enderstand and the start is the start of the start and the start of the start of the start of the childen and the start of the start of the start and the start of the sta

to estalam: "Well, hibits nothing estraordinary. I have a cactus at home that is still larger. I planted and reared it myself." "Ileared it yourrellt" the professor gently ol-arreit. "Now remarkabile. This style climen is atty-three yers old, and it yoursissenil langer, but The lady will one stay to hear any more, but

executed a strategic movement to the rear.

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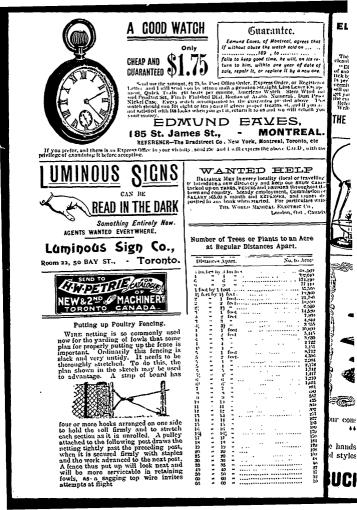
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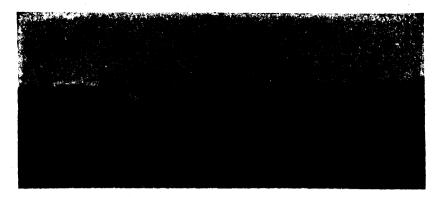
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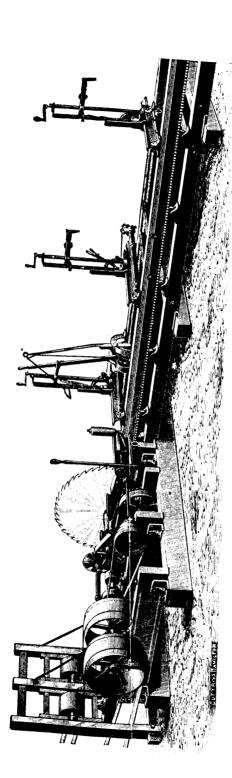
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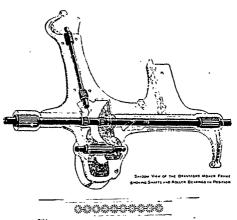
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