r.J.S. in a I sadt ioung si McDOUGALL, lied at all hours, at, Gooding's, Front-St. 3th, 1848. 33 -

EWIS, SOLICITOR, &C., GODERICH.

W, OTTER. t & Conveyancer ACCOUNTS, Se. 44 ERICH. 2-025

RACHAN, D ATTORNEY AT AW, ncery. Conregancer, Y PUBLIC: West Street, Goderich Duary, 1850. 2x-149 21-149 OME LIZARS, EY AT LAW, Solicitor in Chancery d.c., ormerly, in Stratford. ary, 1850. 2v-a49 chan, of the late firm o. s, continues to act as the for Mr. Lizars in all him from Stratford. AMS. & Co.

ND DRUGGISTS. s in Groceries, Liquors, mishes, DyeStuffs TFORD. sed with accuracy and Sv-u15.

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130 3 E. LINTON, PUBLIC, Queen's Bench, VEYANCER, TFORD. IN HYDE. AL HALL,

STRATFORD. Sr-496 REED, GN PAINTER. 40. E ST. GODERICH 21458 I. LIZARS IONEER. end Sales in any part of

ties on the most rearen-at the Registry Office, 1. 1820. ¥3-# 0 ICE. having RENTED the E and WHARF belong-Davenport, of this place self as a OMMISSION MERCHANT. nission from the Mer

SHILLINGS "THE GREATEST POSSIBLE GOOD TO THE GREATEST POSSIBLE NUMBER

BHOIIDIHBHB BAR B

GODERICH, COUNTY OF HURON, (C. W.) THURSDAY, JANUARY 2, 1851.

the

The Suron Signal, BY THOMAS MACQUEEN,

VOLUME III.

BY ANOMAS MERCE CERT, spiron AND PROPRETOR. OFFICE MARKET SQUARE, COORTCH. "Book and Job Printing, escouted with satisfies and dispatch. Trans or yuge HURON Staval. -- TEN SHIL-LINGS per shaur if paid strictly in advance, or TWELVE AND Six Perce. with the expiration of the war. ear. paper discontinued until arrears are aaloss the publisher thinks it his advanage to do so. Any individual in the country becoming reo for six subscribers, shall receive

eventh copy gratis. IP All letters addressed to the Editor must b post paid, or they will not be taken out of the T BHS OF ADVERTISING.

California Andrea Doetrn.

ONG OF THE ELECTRIC TELEGRAPH

ST E. L. BLANCHARD.

Away where the enalight is bright ning, Away where the smalight is bright faing, Away where its last beams expire, operd with the flash of the lightning, I fly on the wings of the wire ! by me are earth's barriers riven, By me are earth's barriers riven, A wood--aad the impulse is given: Hurnh ! 'tis the hest conjuration That Science, the wizard has done ! Through me nation speaks anto nation, Till all are united in one.

a silence I stealthily travel, Unseen, unread, and unheard ;

Unseen, ustead, and unnerse ; For not till my agents unravel My secret, is whisperfit w word. Through darkness and dwylight unbeeding, Alike on my erre Aliko on my errand I go, o deep-throbbing hearts over speeding My tidings of gladness or woe.

Ere the voice of the echo had spoken-Ere thought could recoil from its birth-If the links of my path were unbroken. My flight would encompass the earth

My flight would encompase the earth From the bright star that gleams far, more us, Flashed saward through measureless space, A welcome from voices that love us, My swa is a second would trace.

Ob : would that some kindred communion To man we could hope to impart, That a boot of such magical union Might link every heart unto heart ? Not a sort that we neek to smother Would then full along or uncared... Not a joy, but the heart of another, Would thrill with the bliss that it shared.

had taken to the

pen air.

We need not, should fate give denial,

LECTURES ON AGRICULTURAL complaints are made of diminishing scales of produce. BY HENRY YOULE HIND. Tax Solt .- The uniform constitution e the atmosphere differs widely from the to know, at present, the name and dispoheterogeneous mixture we meet with in soils, which are as variously compounded as the rocks upon which they repose .--The elements forming common air are few vestigating the subject.

AGRICULTURE.

umerous, and often complex in their con stitution. All soils spring originally from the disingration and decomposition of solid rock : the agents most active in effection these changes are water, temperature air and vegetables themselves. Various bo-dies are found in soils which do not enter show the kind of plants which require much 0 0 10 dies are found in soils which do not enter into the composition of vegetables. In an elementary view of Agricultural Chemistry, we do not require to consider their proper-

sition of those organs ; the bare fact that the presence of sulphur is absolutely neces-sary will determine the agriculturist in in-The elements forming common air are few vestigating the subject. In 10000 lbs of the ash of wheat there substances we find in soils are frequently do do do wheat straw 40 lbs sulphur.

ticular kind of ingredient required by grow-

ing crops, we can not be surprised that

Sulpaus .- Certain organs or parts of

plants require for their formation a small

,			umpers			iny	with
,	Th		umbers		link		mith
Б	do	do d	o Peas		171	44	66
-			lo Vetch				
ď					170		44
	do	do d	o Hay		151	46	66
n	do	do d	o do	straw	90	"	46
-	00		o oat				66

suphur, to which may be added hope, as-paragus, sugar cane, grape, b'ack and white mustard, turnips, tobacco, &cc.--Wheat, barley, rys and indian corn, require comparatively little sulphur. The most common and widely extended source of sulphur in sells. is doubliess granum or ties, without their presence effects such a change in the relations of the soil to tem-perature and moisture as seriously to affect the growth of vegetables. It is sufficient for our present purpose if we consider the relation to vegetable life, of certain ingredi-ing portion consistiong of oxygen. Gyp-uphate of lime, (sulphuric acid or oil of vitrol, combined with lime.) A bar-rel of gypsum contains about 33 lbs. of sulphate of lime, (sulphuric acid or oil of vitrol, combined with lime.) A bar-rel of gypsum contains about 33 lbs. of sulphur and 116 lbs. of lime the remain-ing portion consistiong of oxygen. Gyp-sum is slightly soluble in water: its effects when spread upon the land, are greatly increased by mixing with it an equal quantity of common sail before sow-ing. The quantity of sulphur, annually taken from the soil in Canada is enormous. change in the relations of the soil to tem-

A very insignificant portion ever finds its way back to the soil, on account of its escape at the leaf, furnish us with the remarkable mode in which dissolved solids being bound up in those materials which are conveyed into their interior, and made to assist in the formation of their different organs. These solids are nine or ten in number, and are named respectively, skin of aimals generally, it is also invaria-bly met with in urine.

1. SULPHER : 2. PHOSPHOROUS ; 3. POT-In 1848, Canada exported 3,500,000 bush-ASH ; 4. SODA ; 5. LIME . 6. MAGNESIA ; 7. IRON ; 8. FLINT : 9. CHLORIDE ; 10. Io- els of wheat, which contained of sulphur alone, no less than 252,000 lbs ; in the same Water possesses the property of dissolving year she raised 2,339,746 lbs. of wool,

which, with the wasted urine, &c., conquantities of these bodies, either directly or indirectly : all, with the exception of tained at least an equal amount, making a lodine are required by law plants, and they sum total of half a million pounds of sulconstitute what is termed the 'Ash', when phur, abstracted from the soil, without the regetable substances are burned in the possibility of one particle being returned to it from those sources, in the form of ma-The quality of ash found in cultivated nure.

regetables varies remarkably with the na-PHOSPHORUS .- Phosphorous is found in ture of the soil, and the species under ex- the seeds of most vegetables, especially amination. It is evident that every fertile those cultivated for food. A very large soil contains the constituents of ash in quantity is annually taken from the soil .abundance, also in such a state, that In 1847-8 Canada exported in the grain of enough for the wants of the growing crop, wheat not less than 733,500 lbs. ARE SOLUBLE IN WATER, in order that they When phosphorous is burned in the air,

it emits a very copious volume of white smoke, which consists of phosphorous, compined with oxygen. The white smoke may be collected and dissolved in water. It has a sour taste, is therefore an acid, and is named phosphoric acid. Now, when lime, potash, soda, magnesia, iron, &c., come in contact with phosphoric acid, a union takes place and a number of new bodies are formed, which all go by the general designation of phosphates; thus a compound of phosphoric acid and iron phosphate of iron, &., &.] Phosphoric Acid is always found in very ninute quantities in primitive rocks, when sought for. Its detection is frequently a matter of some difficulty ; it exists in all soils, often however, in a state very insoluble in water, and it is one of those bodies, which like sulphur, do not, under ordinary circumstances find their way to the manure heap. Phosphorous is found in many parts of the animal frame, especially in the bones. England imports annually very large quantities of bones for the purposes of manure. The bones are either crushed or dissolved in sulphuric acid, and applied to the soil, he only smiled-and finally, asked him to in order to restore a small portion of the phosphorous which, during centuries of cultivation, has been washed away by rains sart'n. And much good may it do you, or abstracted by crops. So far back as 1827, England imported 40,000 tons of bones, having a value of 600,000 dollars. Since that period a great increase has taken place in the trade, so much so, that many large vessels are now employed in lady departed, the knowing young gent, conveying from South and North America, and from various parts of Europe, the bones of animals to fertilize the fields of England. No grain crops can succeed in a soil destitute of a supply of soluble phosphates ; and one pound of bones contains as much phos phorous as is required by one hundred pounds of wheat. At the lowest calculation enough phosphorous was exported from Canada in the year 1847-8 to build up the bony framework or skeleton, of sixty thousand full grown men. Every good cow in one year abstracts from the soil, as much phosphorous as is contained in 80-100 lbs of bones, much of which enters into the composition of milk, and the remainder is lost in the utine, (see utine.) Pure phosphate of lime, (the substance which gives strength to the bones) is found in many parts of Canada, in certain rocks. The time may not be far distant, when it will be profitable to collect and grind it for

TOO WILLING BY HALF. BY THE YOUNG 'UN

Many of our readers will recognize the point of the following joke, which we heard related "long time ago," but which we never ear re telling. While General Jackson was President of the United States, he was tormented day got it. after day by importunate visitors, (as most Chief Magistrates of this "great country"

are,) whom he did not care to see-and in consequence, he gave strict directions to the messenger at his door to admit only cer-

could not control, and who claimed to see Body with that bit o' paper;" and entering him-orders or no orders. "By the Eternal !" exclaimed the old for collection against him."

man nervously, "I won't submit to this annoyance. Who is it ?" "Don't know, Sir."

Don't know ? What's his name ?" "His name? Beg pardon, sir-it's a voman."

"A woman ! Show her in, James; show her in," said the President wiping his face; and the next moment, there entered the Generals' apartment, a neatly clad female United States ! of past the "middle age," who advanced

cepted the chair he proffered her. Be seated Madam," he said.

"Thank you," responded the lady, throw ing aside her veil, and revealing a handsome face to her entertainer.

"My mission hither, to day, General, continued the fair speaker, "is a novel one, and you cannot aid me, perhaps."

"Medam," said the Ganeral, "command 10.11 "You are very kind, Sir. 1 am a poor

oman, General-,' "Poverty is no crime, Madam." "No Sir. But I have a little family to

care for-I am a widow, Sir; and a clerk employed in one of the departments of your

"I really -- Madam-that is. I have no control in that way-how much is the bill?" "Seventy dollars, Sir: here it is."

BANK OF WASHINGTON, ____. 1832. Sir,-Your note is due on the 27th inst., at this Bank, and you are requested to call

new in print. It is a "good 'un," and will Can't come it mam-can't no how ! Scare

\$100, from the Cashier of the department as usual. As he passed down the avenue the unpaid board bill suddenly entered his

the Bank he asked for the note, "left there discount my note ?" said John, amazed. "Anybody, with such a backer as you've

got on this." "Backer ! Me-backer, who ?"

courteously towards the old man, and ac- drawing forth the money, with a hysteric

quired by this Department.

some of our readers will not be much sur-prised at the "presumption" and "blunder" of the Roman Pontiff.-

ings, what proscriptions, what penalties, what wholesale butcheries, what legalized The engrossing question at the present muddres, would have been prevent is what the bishops mean to do ?- the governments of the earth leave That's right, then. Go to him, obtain his note, at thirty days from to day, give him a receipt in full, and come to me, this "Tis an unweeded garden.

NUMBER XLVI.

TWELVE AND SIX PENCE

nation. These things are often done, tos, claidestinely. That is, the clergyman sp-ranges for a secret meeting at the bouse of some mutual friend, in order that the ex-

might have been expected to check them, have greatly embolded Pie Sione, and his adviser, Dr Wiseman, to believe that all tain persons, on a particular day, when he was busier with State affairs than usual. In spite of this peremptory order, how-ever the attendant bolted into his spart. ment, during the forenoon, and informed the General that a person was outside whom he could not control, and who claimed to see England was in a state of preparation, and

with that bit o' paper;" and entering he Bank he asked for the note, "left there or collection against him." "Discounted ! why who in the world will iscount my note ?" said John, amazed. We give to-day an extract from the Bishop of London's last charge, that will fully justify any observations made by us, at any time, as to the Popiah leanings and tendency of the established church. Had these statements been made by any autho-rity less high than that of the Bishop of London, they would have been ascribed to employed in one of the departments of your administration, is indebted to me for board, to a considerable amount, which I cannot collect. I need the money sadly, snd 1 be stopped from time to time, until this claim of mine—an bonest one General, of which he had the full value—Shall be can-celled." "I really—Madam—that is. I have me in the state of the set of the state of the set o

"Exactly; I see. And his salary, Mad- The people look to them for some practical church and every man to himself, on the The people look to them for some practical measures in arrest of Tractarianism. But as yet, we see no signs of activity in this direction. On Sunday morning, the popu-lar inpatience showed itself at St. Barna-bas. Church, Pimlico, in a manner while stated, in his recent charge, that be hishop stated, in his recent charge, that the bishop stated. In this case, the people will soon begin to exclaim, "What then, is Episco-pacy, and why contend for it ?" his note, at thirty days from to day, give him a receipt in full, and come to me, this evening." The lady departed, called upon the young lark, dunned him for the amount—at which be only smiled—and finally, asked him to give her his note for it. "To be sure," said he, "give a note— art'n. And much good may it do you, ""Yon'll pay it when it falls due, won't Things rank and gross in nature "Yoo'll pay it when it falls due, won't "Yoo'll pay it when it falls due, won't "O ycs-sart'n, of course I will; I al-"of ycs-sart'n, of course I will; I al-lady departed, the knowing young gent, believed he had accomplished a very nea-trick, once more. "I wonder what the duce she'll do with that note! Gad! I'd like to settle some of the other accounts, in the same waythe other accounts, in the same way.— Hope she'll have a good timo getting the it ! The Book of common Prayer furnisher two own was to the solution of the same way.— Hope she'll have a good timo getting the it ! The Book of common Prayer furnisher two own was the solution of the solution of the solution of the solution two own was the solution of the solution of the solution to be solution of the solution of the solution of the solution again upon the General a few hours after-wards: "Did you get the note, Madam?" "Yee, Sur-here it is." aro great ticklers for the rebric, taken if swits them, they have altogether desorted it in this matter. They eater the pulpit, and after a short private prayer, they open with the Romish form—" In the name of the Father, and of the Son, and of the Holy Ghost," and then at once begin their see they are for banishement to death. The very ills they ran from they inflict on others mon. Preparatory to the reception of the Communion, they inculcate the necessity of confession. A considerable number of young females are now in the habit of going to the principal Tractarian ministers, to confessions have been known to last for hours, and the por young women to be exhausted by the long process of exami-

MEGRANIAN MG.

got on this. "Backer ! Me-backer, who ?" "Here's the note ; you can see," said the Teller, handing him the document--on which John instantly recognized the bold signature of the then President of the United States ! "Sold-by Moses !" exclaimed John, drawing forth the money, with a hysteric grasp-for he saw through the management at a glance. The note was paid, of course, and justice was awarded to the spendthrift, at once. "Do the next moring, he found upon him at last a lance. "Backer ! Me-backer, who ?" London, they would have been ascribed to ignorance or prejudice; but coming as they cannot be disregarded. Every days experi-ence-the passing events in England, and the teachings of history, more fully confirm us in the principle and belief, that the union of church and state is one of the greatest right of private judgment is to be secured to us and future generations, it must be by The note was paid, of course, and justice Non the next moring, he found upon him I was awarded to the spendthrift, at once. On the next morning, he found upon his desk a note which contained the following entertaising bit of personal intelligence. To JOHN SMITH, ESQ., Sin,—A change having been made in your office, I am directed by the President to in-form you that your services will not be re-sign the production of the providence of the problem of the providence of the problem of th torm you that your services will not be re-quired by this Department. Yours, &cc., John Smith retired to private life at once, and thenceforward found it convenient to rooted and civilization itself bindered in its process. by the aver recursing religions

), will receive prompt JOHN McEWAN. .2v-Tatf 1849.

KES. 1d Drugasit. GODERICH. 20-3

D BAKERY. READ, CAKE, CRACKER IKER, first door East of the flice, West-street, Gode-

er 24, 1850. 3132 INGTON ual Insurance Co.,

\$1,000,000. S, Hamilton, Agent for Waterloo and Huron. 3v15

I. LIZARS,

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ctfully announces to the mud Stratford, that he has ip with MR. BERNUM, ist and Druggiet. (Mely opes by this arragement to his usefulness, and secure fidence of the public. Drugs, Chemicals, Paints, -stuffs, &c., &c., will be ad in the Medical Hell, , 1850. 3242

A HOTEL. ET, GODERICH,

arket Square,) & ROBT. DONOGH ions for Travellers, and er at all times, to take

50.

43-11

OTTS, Tarness Maker. T. GODERICH, re Vidina's Blacksmith 50. M. & O V8041-17

 We are does, should fate sive denial, This fanciful dream wholly spura; Lot sympathy touch but the dial, A chord shall be struck in return. No wish seed be kept unimparted. Or lost as on selfishness thrown, Bui sech from the heart as it darted, Weseld find a response in our own. Ob! tellow take the world and prepare it, As swift to respond as recive; Let us hear bat of sorrow to share it. And know bat the want to relieve !
 As SOLDBLY in WATKR, is order that they may be conveyed into the interior of the vegetable. The waters of rivers, springs and wells always contain a small quantity of various solids in a state of solution. By washing a soil repeatedly with pure rain water, we find that each time of washing the quantity of some of the substances dissolved is di-minished, until, at length, no portion is ta

minished, until, at length, no portion is takon up. It is evident that a large supply ATTEMPT AT ASSASSINATION BT A WON

of soluble substances, can not exist in ordi MAR.—The Tipperary Vindicator contains the following extraordinary statement:— "A young woman named Dwyer, sister of nary soils, exposed to rain, snow, and dews. William Dwyer, who was transported for Every little stream is bearing its load of dissolved materials, to that great storeobsep-stealing at Thurles Quarter Sessions, went on Priday evening to the house of the principal witness on the trial, and on meethouse and depository, the Sea. The continual actions of rains washing out the ing him pulled a pistol out of her breast soluble portions, and either coaveying them and fired The shot fortunately only slight-ly grazed the arm of the amazon's intended altogether away, or transporting them into the subsoil below, coupled with repeated m, and she effected her escope. Search was made at her house by the Templemore cropping without the return of one particle and at her notice by the standard of the outrage, but she sen hearing of the outrage, but she sken to the hills, and though a vigin the form of manure, must, in the long run of years, render the most fertile soi flast putsuit was instituted she succeede destitute of soluble mineral substances, and up to Monday in eluding al! attempts to consequently unfruitfal. The quantity arrest her. On Monday morning, however sub-inspector Nolan rode out to her yearly abstracted by these means may be brother's farm, and was fortunate enough perfactly insignificant compared with the to find the object of his search asleep (hav abundant store remaining behind-that ing been out all night) and unarmed. She was taken prisoner, and in the course of the small quantity, nevertheless, is of vital importance,-for, although there may be ced in the bridewell of templemore. Her brother was a comfortable far-thousands of tons of sulphur, potash, soda a young man in the neighborhood to whom the was shortly to be married, her brother is SOLUBLE IN WATER, the soil, with refergiving her a dowry of £100." ence to immediate agricultural purposes, is

A FRENCE TRAGEDY .-- Great sensation absolutely barren. The fietility of such a those means which science suggests, and St Germain on the charge of having poison-ed the servant of the latter, in order to pre-

servant of the latters in order to pro-experience approves, for giving solubility to r from revealing the adultrous con-as much as will satisfy the imperative deto pre- experience approves, for giving solubility to esction which existed between them. The bedy of the servant, which the cure had estived to be burried with great haste, has been day up, poison discovered in it. When the Count du S. a highly honourable abstracted from the soil during its growth.

The Area Me

the Count of the horrible accuration something the sould during the growthing the source of the sould be the source of the sourc A pan of charceal al ingrédients : and average crop of ciover three fastened them-from 250 to 300 lbs. of solid mineral in-

Counters consented. A pan of charcoal was lighted, and the three fastened them eltwein is close from. When however, the father saw his son stroggling in the agenies of death, his courage failed him and he broke the window for air. Medical as betance having been promptly sforded, all three recovered. The Countees and her elerical paramour were lodged in the goat of Angouleme, to await their trial for the alyears together, and that rains are continu--Galiganl's Messenger.

LUDICROUS MISTARE .- A Clergyman in ally washing out, and streams and rivers LUDICAOUS MINTARE.—A Clergyman in a parish church not one hundred miles from Penley. England, having put a notice into the clerk's hand, staing thas the arc-view would in fature be morning and even-ing the soll when we associate these con-ing the soll when we associate these con-clerations with the sirrematance, that it re-quires many months and even years for tem-pendure interesting and attrine of all organicity, hences Reger improved upon it, and which that the cervice would be to "all cleraity" in water a sufficient quality of each parquires many months and even years for tens. be prestable to colle persture, molature and are to vender soluble agricultural purposes.

Jula - minu

[To be continued.]

am?

"It is said to be \$1,200 a year." "And not pay his board bill?"

"As you see, Sir-this has been standing five months uppaid. Three days hence he will draw his monthly pay; and I thought sir, if you would be kind enough to-----"Yes. I have it. Go to him again and

get his note, to-day at thirty days." "His note, Sir ! It wouldn't be worth the paper on which it was written; he pays no one a dollar, voluntarily." "But he will give his note-will he not,

Madam?" "Oh, yez-he would be glad to have a respite in that way for a month, no doubt?" That's right, then. Go to him, obtain

"Yon'll pay it when it falls due, won't

believed he had accomplished a very neat trick, once more.

that note ! Gad ! I'd like to settle some of

"Yes, Sir-here it is.

The Presient quickly turned it over, and with a dash of his pen, wrote the name of ANDREW JACKSON upon the back of it !

"Take this to the Bank to-morrow morning, Madem, and you can get the money or it," he said, burriedly. The lady acted accordingly, and found no difficulty in obtaining cash for it at sight. A week before that month's termination, Mr. John Smith received a notice to the following effect :