NINTH YEAR.

THURSDAY MORNING, DECEMBER 20, 1888.

WE WANT SKILLED LABOR

TO SATISFACTORILY CARRY ON CANA. DIAN INDUSTRIES.

The Minister of Education's Proposal for Instruction in Chemistry, Mechanics and Architecture—To Develop Unitario's Resources — What Manuacturers and Skilled Mechanics Say on the Subject. In accordance with a circular issued by the mechanics and others at a co courses of instruction in applied chemistry,

applied mechanics and architecture, these gentlemen met in the Normal School Lecture Room vesterday afternoon:

Mcsars. Slins James. Geo. McMurrich. W. H. Pike. Prof. Shuttleworth. Robert W. Elliot, James Hedley. Wm. J. Allen of the Toronto Syrup Co., A. Nahm. James Smith, G. M. Rose, John Ballie, Wm. Revell. Samuel Smith, James Nasmith. W. H. Elliott, S. G. Curry. architect; S. S. Malcolms.n. J. Burns. James T. B. Ives, F. G. S. J. S. McCorquindale, Prof. I. Gulbraith. A. M. Wickens, W. H. Campbelt, President of the Musroka Mill and Lamber Co.; Rev. Dr. Davies. of the Toronto Art School; R. W. Guttrier Bous-field, architect; Prof. Alf Baker. Registrar of Toronto University; Thos. Moore, D. J. White, E. Samuel, Geo. Smith. Jas. Taylor, of the Morse Soap Co.; W. D. Mathews, Dr. P. H. Bryce, O. Wilby, Weston; H. J. Hamilton, Thos. Martin. Mt. Forest; Rev. Dr. Dewart, S. Mitchell, Alan Macdougall, Civil and Sanitary Engineer; Wm. MacDonald, E. A. Edmundson, Oshawa; J. J. Withrow, Hamilton MacCarthy, Vicar-Geor. Rooney of the Separate School Bogfd, Mr. P. Hynes, Dr. Young, Sir Duniel Wilson, W. E. Redway, M. L. V. A., G. B. Smith, M.P.P., C. Rogers, Prof. Chapman, Rev. Joseph Wild, D.D., Chas, Prof. Chapman, Rev. Joseph

The Minister of Education acted as chairman. He read letters of spology for non-appearance from Messrs. Bertram & Son, machinists, Dundas; G. H. Mason, H. A. Massey, A. B. Wilkie of the Imperial Bank, A. White, Grand Trunk Railway, D. Mackenzie, Algoma, Ald. Jno. Hallam and His Worship Mayor Clarke.

Technical Enewyledge Essential to Success.

school of Practical Science. In the discussion at their meeting it was decided that the primary training should begin in public achools. They would urge the desirability of pursuing a mechanical course without being handicapped with unnecessary subjects. They manimously endorsed the proposed scheme of technical training.

Mr. Rose: "What kind of skilled labor, Mr. Pulsan, do you invest?"

olson, do you import?"

Mr. Polson: "As a rule ship-builders,"
The Chairman called on Col. Gzowski, one in machine work was to have practical knowledge, "You may teach a young man as much as you like," urged the Colonel, "and he may be able to make a very beautiful plan of a loomotive for instance; but I should be very sorry to give him the opportunity of working one. He must have the practical knowledge, I never yet refused advice from the humblest mechanic because I knew he had that knowledge.

Sir Daniel Wilson, though not possessing the practical experience of the above geutlemen, on the question. He reminded his hearers of the great facilities for technical instruction which Toronto University even now possesses, or but, said the learned President, what we should do is to back up the Minister now in this School of Science project. Let him carry the weight of your opinion with him to the Legislature, and thus induce them to supply the required funds."

Mr. Leonard of London said he employed 75 skilled laborers not one of them had received a

Aff. Leonard of London said he employed 75 skilled laborers, not one of them had received a technical training, but 50 could be improved by such instruction. They needed instruction in mechanical engineering, drafting and a knowledge of mechanics generally.

Mr. Inglis, of Inglis & Hunter, said he had 90 men in his employ. Not one had taken a cou-se in our School of Science. "We have a young man—a draughtsman, who obtained a technical education in the Old Country—no others. There are only three or four who technical education in the Old Country—no others. There are only three or four who could make a draft of an engine or mill machinery. We pay our skilled men \$3 a day."

Mr. Edward Gurney said: "Every mechanic I have requires this practical education. In the combination of theoretical knowledge with skill in using tools is very necessary. Out of some 600 hands on my pay roll, I have not four men who are technically educated. It is nonsense to say we do not suff r through this. I have only one man engaged in drawing patterns. It requires technical knowledge to make drafts of these patterns."

A Good Time v. Night Schools.

Mr. J. Withrow gave a lot of useful information on behalf of the woodmakers, the

There is not," he said, "in the building trade that the same and the smallest attention being given by employers to make boys good mechanics. I employ 100 neer and know of none who have had a technical education. I don't suppose there are six m of I could trast to get up a drawing. He had to admit that the boys preferred to spending their evenings at night schools.

Mr. J. Boustead, architect, urgel the necessity of some means of testing the strength of 170, woll and other materials. At present formulas had to be depended on and this was dangerous.

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Mr. R. Eliot, chemist, said all the chemistry of dyes, a chemical knowledge of which won divergence for the constitutions of provisions for this was were heartily in symnathy with the proposed that the proposed that the society will be received an architect of the constitution of provisions for this provision for the provis

Rev. Dr. Wild, seconded by Mr. Gurney, or eating this council, and trust he will reche support and sympathy of the country."

And so also says The World,

TWO PACKAGES OF MORPHINE ound with Dr. Vatentine in the Toront

Found with Dr. Valentine in the Toronto
Jail on Two Occasions.

The authorities of the Toronto jail are taking
Darticular precautions against any poison or
fatal drug of any character whatsnever reaching
Dr. Valentine, at present held for the murder
of Lille Charitum. Even his counsel, Mr.
Nicholas Murphy, is prevented from approaching any too close by Turnkey Lowry, who has
the care of the medical prisoner.

The cause of this extra precaution being
taken arises from the fact that on two different The cause of this extra precaution boing taken arises from the fact that on two different occasions, while under confinement in the jail, packages of morphine were found on his person. How or where he got the drug or for what purpose, remains adoubt, but though the motive is shrouded in mystery the fact remains that the poison was found with him.

When first taken to jail after his arrest he was rigidly searched, but without anything particular being found on his person. Later that week, acting on information, the jail of ficials visited his cell and examined him and his narrow apartment thoroughly. Their offorts resulted in the discovery of a package containing six grains of morphine. Satisfied with what they found the jail people went away.

with what they found the jail people went away.

Last week another search was instituted, and this time again successfully another puckage containing about the same quantity of morphine was unearthed. The place of concealment was the lining of the doctor's hat. Up to date no more poison has been found, but all the same a rigid watch is kept up, and now and then a search. On Tuesday night, on Dr. Valentine's return from the inquest, not only did the jail officials go through his pockets, lining of his clothes, etc., but even his hair and beard.

lining of his clothes, etc., but even his nair and beard.

The World asked Governor Green what he thought about the two incidents. He replied that at first he was surprised, but afterwards came to the conclusion that as the doctor had been a hard drinker, the drug might have been procured to act as a soporfic. As to how it was smuggled to the prison the Governor did not give any explanation.

Christmas numbers: Globe 25c., Canada's Christmas 30c., Baturday Night 23c., Judge 35c., London Truth 40c., London World 40c., London Society 35c., Edgravius Anmani 35c., Canadian Aimanae 1889, Grip Almanne 19c., &c., &c., at Winnighth Bros., 6 and 8 Toronto-Street.

DR, TUMBLETY.

Fork Police Were Watching.

Dr. Francis Tumblety, the peculiar and Techsical knowledge Easential to Success.

The Chairman first read an address, giving the opinions and knowledge he had derived from a vinit to the United States. The sheependary of the opinions and knowledge he had derived from a vinit to the United States. The sheependary of the opinions and knowledge he had derived from a vinit to the United States. The sheependary of the opinions and knowledge he had derived from a vinit to the United States. The sheependary of the opinions are stated to the control of the

his hoad. His light crop of nair was also by we black.

He disappeared over 10 years ago, and nothing was heard of him again until his recent arrival in New York, a few days previous to which inspector Hyrnes had received a cable gram from london to watch for him. He had jumped a bond of \$1500, which he was underfor some offence in London, fled to France and had taken the first steaner for America. As he had committed no grievous crime, and his arrest contract crime, and his arrest committed no grievous crime, and his arrest committed no grievo

All this week. The latest New York Toy

FINES AND ACQUITTALS. Cases Tried Before Judge HeDougall in the

Yesterday was a busy day in the Genera Sessions and Judge McDougall and the jury-men had their hands full. The case of Thomas Smith and William Telford, accused of gross Snith and William Telford, accused of gross in morality, was tried and the jury, after being out 5 hours, returned a verdict of not guilty.

William Mathers, charged with having assumed Constable Loughead, was found guilty of common assunts and thee \$10.

William Adverdice was tried on the charge of having stolen a watch, chain, lockets and some trings from Sarah Zufett of 763 Queen-street west, the proved an affile and was acquitted. Frank Miller was arraigned and pleuded guilty to having stolen a cap from Alexander Woods and dress from Annie Palmer.

James H. Spence, the ex-letter carrier convicted a week age of having stolen a money letter, was arraigned on two other charges, but the Crown offering as evidence he was discharged on these charges.

Peter Green was placed on trial for having obstructed inspector Stephen and other posice officers in the discharge of their duty white searching for liquor in his enting house in York-street. He was found guilty and let go on his own built to appear this morning.

The Grand Jary wan make their presentment to-day. There is still a near of criminal work.

All this week. The latest New York Tax

All this week. The latest New York Toy Books free with one pound of our celebrat-ed Tea. The Liquor Tea Company 205 Yonge-street.

Bunicipal Legislation.

The Legislation Committee, met yesterday afternoot, present Aid. Roaf (Chairman), Haidan, Swait, Gillespie, Ritchte, Johnston and St. Leger. The question of obtaining the necessary legislation for the construction of the accessary legislation for the flower the save short time city depending by the City Engineer. It was decided to ask for power to issue short time city depending in stams from \$25 to \$100; to collect sees from farmers pedding their goods in the city outside market limits; to amend the waterworks the charter so as to have the rates collected half-yearly, and to make certified copies of any iddocuments do service in court for the original.

Russell's selling off, 9 King West. 246 York's Deputy sheriff.
The deputy sheriff of York, Sheriff Widdi-

Mr. R. Elliot, chemist, said all the chemists were heartily in symmethy with the proposed scheme. Most of his dyes were imported, but there was a wide field for this industry in Canadian raw material.

Prof. Shuttle worth spoke on the same lines, nrging a knowledge of chemistry as useful in developing our mines.

Vicar-tieu. Roimey spoke on behalf of the Separate School Beard, and Principal Dickson for the Upper Canada College. Mr. Campurchase.

IN THEIR LATEST SETTING BY ONE WHO KNOWS.

Sind. Tells a Tale That Needs no Var-nish - Alten's Compromising Letters— What Cox Paid Eaxier for Them. The tedium of the Central Bunk proceedings at Osgoode Hall was slightly relieved yesteriay by the interesting evidence the genial Edward Strachan Cox gave when penial Edward Strachan Cox gave when persistently plied with pertinent questions alike by Mr. J. K. Kerr, Q.C., on behalf of bank creditors, and Mr. John Bain, Q.C., who assiduously watches the dreary djurnal.

The "A.," "R.," "C." Transactions.

E. S. Cox was the first witness. He told how deposit receipts were issued for promissory notes, the transactions being negotiated through Casnier Allen by witness, on Broker Baxter's behalf. Asked what was done with Baxter's behalf. Asked what was done with these receipts Mr. Cox replied: "Two were handed to Mr. Baxter in my office. The other two I kept for a time, one of them subsequently passing to Mr. Baxter."
Witness then stated the arrangement he had with Mr. Allen in reference to these bills and the fact that at the time of shese transactions, which have so often been published, he (Mr. Cox) had no money to his credit in the Central Bank.

Campbell and Cox Conferred.

After the unik suspended Mr. Campbell

Campbell and Cox Conferred.

After the bank suspended Mr. Campbell came to Toronto and was appointed interim liquidator and then liquidator of the bank. After the suspension of the bank Campbell telephoned for witness, who went to the bank and saw Campbell. Campbell asked him when he was going to cover his account and susgested that he should take down that day \$40,000 in legal tender. Witness did not do so. Allen was at the bank at the time. Prior to being appointed liquidator Campbell knew that he (witness) had dealings with Baxter. Witness and Baxter had arranged that the two deposit receipts of July for \$10,000 and \$8000 respectively were to be negotiated in Montreal. One was cashed at the Ville Marie Bank and the other, through Mr. Campbell, at the Molsons Bank. Campbell was a medium at that time for procuring loans and discounting notes and witness had

Campbell, at the Molsons Bank. Campbell was a medium at that time for procuring loans and disconning notes and witness had suggested him to Baxter.

In the coarse of further evidence Mr. Cox stated that he had known Campbell for years and was under him in the Royal Canadian Bank at one time. He was a broker and he (witness) knew nothing about him in connection with the Central Bank. After being appointed liquidator witness had not given Campbell any details regarding his account.

Buy your Xmas numbers to-day. Emas Graphic 50c., London News 50c., Holly Leaves 50c., Figure 31.50. Yule Tide 50c., Pictorial World 50c., Chatterbox 50c., at Winnifrith Bros., 6 and 8 Toronto-Street.

In the Police Court,
In the Police Court,
In the Police Court yesterday John Crowley was fined \$30 and costs for assaulting his wife.
The pair do not live together, and Mrs. Crowley's offence consisted in her going to her hus band's room and asking for a couple of dollarsto nelly support his children. Several other assault cases were remanded. W. F. Maclean pleaded not ghifty to libeling H. A. Massey, and the case was set for Dec. 26. E. lea Gill, a smart looking married woman, convinced the magistrate she was not drank in the street although Policeman Whitesides and several other officers said she was. Mrs. Gill said her arrest was the outcome of spite on the part of Policeman Whitesides and she intended to call the Police Commissioners' attention to his alleged offence.

Diamond sale, 9 King west.

Diamond sale, 9 King West. A Great Offering of Furs for Christman. A Great Offering of Furs for Chrisimas.

Dincen, on the corner of Yonge and King, offer very choice furs for Christmas, comprising gents otter and beaver collars, cuffs and cains, seal caps and gloves, Persian collars and cuffs, seal mattles, capes, muffs and collars, children's fur coats, caps and carriage rugs. Dineen is offering for sale very cheap a lot of gentlemen's fur coats and clott ocats lined with fur. To those making Christmas presents an offering of this kind would be acceptable during the cold weather. Dineen's store is on the corner of King and Yonge.

Half price—no humber—we will sell full

Half price—no humbug—we will sell full plated new Buse Burner Stoves from \$14 to \$26, regular prices from \$28 to \$40, wheeler & Haln, King-street East. Institute of Chartered Accountants of On

The regular monthly meeting of the Institute The regular monthly meeting of the Institute will be held in the council chamber of the Board of Trade, Imperial Bank Buildings, this (Thursday) evening, Dec. 20. at 8 o'clock, when a paper, deferred from last meeting, will be read by Mr. William Powis, F. C. A. on "Manicipal Finances and Accounts and Relative Legislation." The officers of the Institute hope you will favor them by being present and taking part in the discussion of this important subject.

Japanese goods cheaper than ever at the Japanese store, 108 Queen east. Inspection invited. The Press at the Montreal Carnival.

The Toronto, Hamilton London, St. Catharines, Belleville, Kingston, and in fact the whole of the Outario pressmen who purpose visiting Montreal during the great carnival in February, will be pleased to know that Mr. A. F. Pirie, editor of the Moatreal Star, is chairman of the Press Recept on Committee. Mr. Pirie and his committee intend to make it real pleasant for the newspaper men from all over the continent, and the chairman will be particularly pleasant with his old associates and acquaintances from Ontario.

LIVELY BREEZES AT THE SALE. People Who Bearly Love Bargains-Hope's

The examination for admission, into Collegiate Institutes and High Schools commenced yesterday, About 150 candidates were in attendance. The examiners are J. L. Hughes, public school inspect. F. and A. MacMurchy, rector of Collegiate Institute. The subjects of examinations vesterday were literature and rector of Collegiate Institute. The subjects of examinations yesterday were literature and writing. To-day arithmente, drawing, compo-sition and dictation are on the list, and as Fri-day history and geography. Parkdale's Reel is a Daisy.

Parkdale's Rec! is a Dalay.

Parkdale's new hose reel, purchased from the Teronto Rubber Company, was delivered on Monday and had its first trial on Tuesday, when an incipient fire broke out in the house of Mr. Donald Campbell in Brockton-road That it proved satisfactory may be expressed in the words of Deputy Reeve Gowanlock, who says: "The fire dusty?"

This is a word we would like to see in ever nis is a word we would like to see in every-one's mouth; to know its reason and to have it put in practice. There would be less cause for calling out, hart times with the next genera-tion, and we should at the same time like to see every man in Toronto with a pair of our gloves on—A. White, 65 King-street W. Shirts to order.

Acceptances for the Board of Trade dinner ave been received from Gen. Sir Fred Middle on, the Presidents of the Hamilton and Mon-

The Trave Took \$1,000,000 Species

A DESPERATE DETROITER.

Last Week' Production Listle Over Half
Tent For the Same Period in 1887.

MINNEAPOLIS, Dec. 19.—The Northwestern
Miller to-day says: "The mills running last
week were seriously bothered during the
hist four days by low water and floating ice.
On this account the output was kept below
the amoint that the mill in operation would
ordinarily make. The week's production was
64,000 harrels, against 58,001 the week before,
and 119,000 for the corresponding than in
1887. The water power is again poor
this week and acts as an agency
for keeping the output restricted to small
limits. Law water and floating ice were especially bad during. Monday and vester-lay
and few of the mills running could do much.
These obstacles were somewhat less troublesome to-day and there were 10 mills moving,
grinding at the rate of about 11,000 barrels
daily. Two of them are using steam to some
extent and a third would be running with the
same kind of Dower had it not met with an

Relie Beys, Whisper.

A Christmas box for nothing. They are giving away hand-leighs and drums to every purchaser of a boy's overcoat or boy's sunt. Boys overcoats or suits from \$2.50 up. The British Arms Clothing store, 221 Youge-street, corner Shuter-street. R. Baker & Co. chaser of a boy's overcoat or boy's and. Boys overcoats or salls from \$2.50 up. The British Arms Clothing store, 221 Youge-street, corner Shuter-street, R. Baker & Co.

Heavy rich silk Turcoman Curtains for holded and gifts can be had in great variety and very cheap at W. A. Murray & Co's. They are offering the finest qualities at prices that will interest intending purchasers.

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NEWS FROM OVER THE SEA

revert to the French system under the Empire, one set of Ministers to decide upon a policy and do the work and another set to defend and advocate the policy in Parliament. He doubted whether a Home Rule Bill would be the first measure in a Parliament in which Mr. Gladstone had a majority.

Widow Gallagher Fined,

reducing a title rate of about 17,000 herrors of daily. Two of them are using assemt its segment using assemt its segment of the complete of the control of

to-day adorted the motion of Signor Farraco to expend 85,000,000 lire in military and rail-way improvements. Charged With Wife Marder

THE HATTIAN INSURRECTION.

APACHET DESIGNATION OF THE PAIR SEA

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THE PAIR TH

Clearing sale at 117 Yange-street, previous to removal, Juvenile books, litustrates works, small and large, Booklets and large general stock of books, 5 246 FIRES OF A DAY.

Disastrous Blaze at Woodbridge-Loss \$300 Woodbridge, Dec. 19.—Our village was visited by a disastrous fire about 7 o'clock this morning, by which the printing establishment Present and Forthcoming Attractions for

Two Small Fires.

Box 256 sounded an alarm at 6.50 a.m. yes. terday. There was a blaze in the chimney of a house occupied by T. Johnston, corner of Fulken-avenue and Clarke-street. The damage was trifling.

At 10.20 last night a five occurred in an uncorned house on Ossington-avenue, Little damage resulted.

THE DOMINION GRANGE.

WASHINGTON, Dec. 19.—The United States steamer Trenton, flagship of the Pacific station, is now at Panama, with Renr Adiniral Kimberly on board, and it is proposed to keep her there until all danger of trouble on the Isthmus is past.

Slight En. tiquake in York State.
RONDOUT, N. Y., Dec. 1 :- 1 is said the 5
three slight earthquake shocks were falt in the
Catakill Mountains this morning.

PRICE ONE CENT. THE DOMINION'S MILITIA

Special Unreserved Sale of Xmas b Bibles and albums at wholesate price cluding sets of "Dickens," "Scate," "E "Thackerny," "Enskin and "Hame," like of poetical and other suitable gists, F. A. Wood, 15 King-Street We

The was utilizately decided than A.M. Says for their goods in American. The Congress of the Co