studio of H. E. s at the Palmer registered at the gistered at the is staying at the

tford, is booked

Hinge oil is applied, ly. When the dy are stiffened tism, they can-'s Sarsaparilla d, relieves this joints to good

effected, in our e cures, a num-efforts of the ians. Were it names of many cured by taking case it has cer-ieving me of sm, remedy with urilla.—R. H. e, Md. d me of Gout

nths, a sufferer ite of all the I took several and was speed-Fream, Inde-

parilla,

ENGTHENS GULATES

HOW TO RUN THE TOWN.

To-day's list: Elmsley v. Hayes, Pegg v. Thomson, Sacks v. Carroll, Bright v. Bright, Bright v. Hayes, Pegg v. Thomson, Sacks v. Carroll, Bright v. Bright, Bright v. Hondon Guarantee & Accident Company, Williams v. Befl, Lake v. Mc Company, Williams v. Befl, L

Caswell, Massey & Co.'s Emulsion of Cod Liver Oil, with Pepsin and Quinine, is recognized as the best preparation known. Prescribed by the lead-ing physicians. W. A. Dyer & Co., Montreal

Description and Gelleria, in recognition at the purpose of the size potential potentia

SICK

is the bane of so many lives that here is where we make our great boast. Our pills cure it while

CARTER MEDICINE CO., New York.

LEGAL CARDS.

Advertisements under this head i cents word.

A. D. PERRY, BARRISTER, SOLICITOR, etc.—Society and private funds for investing ington-street east, It onto.

A LIFRED JONES, BARRISTER, HAS RE ington-street east, It onto.

A LIFRED JONES, BARRISTER, HAS RE Goods, etc., etc., at 12 o'clock noon on webs, 9 victoria-street (ground floor). Telephone 388.

CASSELS CASSELS CASSELS & BROWN STATES AND SALE

A call is respectfully solicited.

J. B. BOUSTEAD & Co.

12 Adelaide-street east.

A DELAIDE-STREET WEST, NEAR YONGE-doors, 9 victoria-street (ground floor). Telephone 388.

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D. B. Read, Q.C., Walter Read, H. V. Knight, Money to loan.

Solicitors, Notaries, etc., Toronto and Georgetown. Money to loan.

W. T. Allian, J. Shilton, J. Baird.

TAYLOR, McCULLOUGH & BURNS, BARRISters, Solicitors, Notaries Public, Cohveyangers, 10 Manning Arcade. Money to loan at lowest rates.

FOR EXCHANGE.

C ENERAL STOCK OF DRYGOODS, CLOTHing, groceries, boots and shoes, \$6000, doing
Should business, county town; proprietor refiring.
Will exchange for city or good suburban property. Box 100 World.

PERSONAL.

PERSONAL.

R. OLIPHANT, 74 SHUTER STREET, HAV.
ing recovered from his late illness, has resumed practice.

Sealed tenders will be received by the undersigned until Wednesday, Feb. 20,990, at 12 o'clock noon, for the plumbing and gas fitting of Upper Canada College. The envelopes to be marked "Fender for Plumbing and Gas Fitting" and to be accompanied by an accepted cheque for ten per cent of the amount as a guarantee of good faith. Plans and specifications can be seen at the Education Department.

GEORGHE W. ROSS, Minister of Education.

Education Department (Ont.), Toronto, Feb.18. 90.

GUEEN'S OWN RIFLES UF CANADA

HEADQUARGERS, TORONTO, Feb. 18, 1800.

REGIMENTAL ORDERS NO. 1

The Regiment will parade for Divine Service (with greatcoats) on Sunday, Feb. 22, at 2,300 clock pm. to All Saints Church.

As this will be a farewell sermon by Rev. George E. Lloyd, Chaplain of the Regiment, the officer commanding desires a full parade.

By order.

W. C. MAGDONALD, Captain and Adjutant.

THE BARGAIN COMPLETED. INEVITABLE RESULT OF CATARBE PROPERTIES FOR SALE

THE TORONTO WORLD: WEDNINGS MORNING.

AND A DAMES AND ADDRESS OF RANGE COMMISSION OF STREET AND ADDRESS OF ADD

A SPECIALTY. PROMPT CASH SETTLEMENTS.

DLACKLEY & ANDERSON, TORONTO AND Hamilton; accountants, assignees, receivers; registered cable address, "Junior," Telephone 1716. Toronto office, Stanley Chambers 37 Yonge-street. Hamilton office, 24 James-street South.

PROPERTY WANTED.

WANT TO BUY OUT A WELL-FURNISHED house for cash down. Box V. P. 76, World office.

PROPERTY WANTED.

WANT TO BUY OUT A WELL-FURNISHED office, 21 Junior office, 21 Junior

PRIVATE RESIDENCES AND MERCHANDISE West Toronto Junction under the charge of Ms. A. J. MERCER, at No. 4

12 Adelaide-street east.

A DELAIDE STREET WEST, NEAR YONGE-street, a lot 35 ft. x 110 to a lane; leased for 11 years at \$600 and taxes. Price \$11,000. W. Hope, 10 King-street east.

C ARDEN LAND, IN 5 AND 10-ACRE LOTS, will be offered for sale by public auction on Wednesday, the 19th inst., at 1 o'clock p.m., on the ground six miles west of the city limit; choice sandy soil; near school and churches and close to Dundas-street; 10 minutes' walk from the Dixle station of the O.P.R. M. W. Cook; Cooksville.

RABE CHANCE—SPLENDID ISLAND LOT 400 feet by 100 feet on lake shore, with convenient shooting box—Opposite Church-street. Apply to James Lobb, 56 Front-street east. 613

BEVERILEY-STREET, NO. 195—SEMI-DE tached brick house, ten rooms, bathroom and furnace. C. C. BAINES, 21 Toronto-street.

The Palace Hotel of Canada. This magnificent new hotel is fitted up in the most modern style. Visitors to the Capital having business with the Government find it most convenient to stop at the Russell, where they can always meet leading public men. Kenly & St. Jacques, Props. 186

of shareholders of The Boller Inspection and Insurance Company of Canada will be held at the Company's office, No. 2 Toronto-street, at noon on WEDNESDAY, 5th March.

Toronto, Feb. 17, 1890. Secretary Advertisements under this head I cent a word.

SAWDUST—GOOD CLEAN SAWDUST FRESH from saw \$5 per car; large cars. J. E. Blurphy, Hepworth Station P.O.

W HITEWASHING AND KAISOMINING Orders promptly attended to. C. H. Page No. 33 Teraulay-street.

W No. 35 Teraulay-street.

W No. 36 Teraulay-street.

W No. 36 Teraulay-street.

W No. 36 Teraulay-street.

W No. 37 Teraulay-street.

W No. 37 Teraulay-street.

W No. 37 Teraulay-street.

W No. 37 Teraulay-street.

W No. 36 Teraulay-street.

W No. 37 Teraulay-street.

W No. 37 Teraulay-street.

W No. 37 Teraulay-street west on Monday, the 3d day of February, 1890, at 12 o'clock noon, for the purpose of receiving the directors' annual report, election of directors and other business of the Company.

By order of the Board,
JNO. C. COPP., Sec. Treas.

The above meeting will be adjourned till Monday, February 10th, at the same place and hour.
JNO. C. COPP, Sec. Treas.

C National Section of December 1 to Anderson street.

C National Section of December 1 to Anderson street.

D Anderson street.

T National Section of the Board,
JNO. C. COPP, Sec. Treas.

C National Section of Section of Section of Section of Company.

The above meeting will be adjourned till Monday, February 10th, at the same place and hour.
JNO. C. COPP, Sec. Treas.

C National Section of Section sements under this head I cent a word.

ART.

W. L. FORSTER - FUFIL OF MONS.
Bouguereau, studio Si King-street East.
pecialty, portraiture.

CHARLES KORMAN

Translated From "The Ingenieur-Conseil" of July 15, 1889

Transmission by beits is a relic of routine which should be rooted out, as has been already done with the ancient gear-wheel transmission. I venture to predict that by the time shother exposition is opened beits will have entirely given way to ropes. I make this prophecy with all the more boldness since belts have not the theoretical superiority over ropes which gearing had over beits. It can already be said that in theory and in practice beits are inferior to ropes, since they can only be made to adhere by a tension of both parts—that is, the part which does no work must have at least half the tension of the part which bears the working strain. Without this tension the belt would ellp on the pulleys. No change of material or of make-up can correct this essential faut—the necessity of stretching to accomplish adherence.

With ropes, however, the adherence of the rope to the pulley is effected by the pressure against the sides of the wedge-shaped groove, and the useful tension, that of the working part of the rope, is sufficient to produce this pressure. The lower part of the rope has no need of tension. Thus, in theory, the rope is better than the belt, and in practice no draw-back arises to offset this advantage. On the contrary, rope cannot slip—like belts—from pulleys. The breaking of a rope occasions ne stoppage, no accident. The rope falls harmless to the ground and can be replaced after working hours. It even announces when it intends to break by visibly unwinding.

For thirty years we have sustained the rope idea, and made the foregoing argument prevail. We understand the opposition of the routinists at the present time. Very few makers know how to turn out good grooved pulleys, or could supply good ropes. This was a serious difficulty. The slightest inequality in the diameter of ropes, or in size of grooves, or even in the compressibility of the ropes, causes them to bury themselves in grooves more or less, so sensibly altering the circumference run over by the different ropes on a single pulley, and co

machinery who have adopted this method of transmitting power.—From the Ingenieur-Consell of July 15.

The above extract is confirmatory of what has been advocated by the THE DODGE WOOD SPLIT PULLEY CO. from the commencement, i.e., that power transmission by ropes is far superior to belts for general purposes and applicable for distances and in places where neither belts nor gearing can be used at all.

The French writer intimates clearly that for thirty years he has recognized this superiority of ropes, and yet the people have refused to be convinced. This argues a fault in the system which he advocates, and that fault is not far to seek. The system which he advocates is known as the "English" system. It consists of a multiplicity of separate ropes, and the "fault" resides in the impossibility of attaining an equal tension of the several ropes. That this lack of uniform tension is the condition of every "English" rope transmission is evident to the eye. No two ropes of the system hang with the same slack, and it needs no argument to show that for that reason no two are doing the same duty. The rope having the strongest tension is, therefore, overloaded, and will be first to give out; and it is small consolation that its giving out does not stop the works, since the fact that a part of the system is doing no work shows that the whole thing is an overload, and that a much smaller outfit would do the work with equal satisfaction if properly constructed.

That is precisely what has been accomplished by the American System as brought forward and perfected by the Dodge Manufacturing Company, wherein a single endless rope having any required number of passess, and under uniform tension throughout, transmitt power uniformly, each strand doing its full share of the whole duty.

While thirty years have so far falled to show the practical advantages of the English multiple system, that in the year 1889 only seven users of it appear in the great Exposition at Paris, and American engineers have, almost to a man, repudiated

## THE DODGE WOOD SPLIT PULLEY CO

**BOX 333, TORONTO** 

FINANCIAL.

A FIRST OR SECOND MORTGAGE LOAN Dut through without delay at "The Land Mart, 60 Adelaids-street east.

The Ap Money — Get Our Rates before borrowing. Frank Leeming & Co., 28 Toronto-street.

Mart, 60 Adelaids-street east.

Taclean & Grundy, Loan Brokers, & C., 27 Victoria-street. Money loaned lowest interest, no delay, commission or valuation fee.

MONEY BELOW MARKET RATES ON doubted: loans property where security is undoubted: loans negotiated on real estate securities at current rates without trouble or expense to borrower. R. K. Sproule, 20 Wellington-street coast.

MONEY TO LOAN ON MODIFICION.

Daving To Loan on Modificions

Daving Toronto-street cast.

MONEY TO LOAN ON MODIFICION.

Daving Toronto-street cast.

ST. CLAIR-AVE. AND SPADINA-ROAD

Lots for sale in parcels of 300 and 400 feet, at from \$16 to \$17 per foot. This is the cheapest property in the vicinity of the Upper Canada College. Spadina-avenue will be opened this considered.

borrower. R. K. Sproule, 30 Weilington-street east.

MONEY TO LOAN ON MORTGAGES, endowments, life policies and other securities. James C. McGee, Financial agent and Policy Broker, 5 Toronto-street.

W. F. CARRIER, REAL ESTATE, LOANING W. and Insurance. Special facilities for Real Estate, Fire Insurance. Life Insurance and Loaning Business. City and Farm Property for exchange. 18 King-street east, Toronto.

A LARGE AMOUNT OF PRIVATE Funds to loan on Real Estate, City or Farm Property.

COLLAIR PARK.

COLLAIR PARK.

COLLAIR PARK.

FRANK CAYLEY, 65 King-st, East. SPADINA-ROAD & WALMER-ROAD \$250,000 TO LOAN At 514 to 614 per cent.. on Real Estate Security, in sums to suit. Second mortgages purchased, notes discounted. Valuations and arbitrations attended to.

Lots at \$9 to \$15 per foot. Cheapest property in the vicinity of Upper Canada College. Spadina-road will shortly be opened from Davenport-road to St. Clair-avenue. 63636363 WM.A. LEE&SON Agents Western Fire and Marine Assurance Company. Offices 10 Adelaide-street east. Telephone 592. Torrens' Title. No encumbrance. Very easy terms. 63 C. E. RYERSON, - Owner Money to lend at lowest rates on real estate.

Mortgages and debentures bought and sold. Estates managed. Rents collected. Property for sale in all parts of the city and suburbs.

9 TORONTO-STREET CUREFITS GIVEN AWAY YEARLY.

When I say Cure I do not mean merely to stop them for a time, and them have them return again. I MEAN A RADICAL CURE. I have made the disease of Fite, Epilepsy or Falling Sickness a life-long study. I warrant my remedy to Cure the worst cases. Because others have falled is no reason for not now receiving a cure. Send at once for a treatise and a Free Bottle of my invalible Remedy. Give Express and Post Office. It costs you nothing for a trial, and it will cure you. Address:—M. G. ROOT, M.-O., Branch Office, 186 WEST ADELAIDE STREET, TORONTO.

TO LET CAPACIOUS OIL WARE-HOUSE, on N. W. corner of Sherbourne and Esplanade-streets, adjoining the main lines of C. T. and C. P. Railways. Best stand in Toronto for carrying on a large oil business. May be leased for a term of years.

ALSO L ARCE WAREHOUSE, No. 46 Colborne-street, with new plate glass front, new plumb-ing and recently painted and refitted. Rent moderate.

MONEY TO LOAN

A. E. AMES.

Telephone 2314. 38 King-street east, Toront

VETERINARY. ONTARIO VETERINARY COLLEGE HORSE Infirmary, Temperance-street. Principal assistants in attendance day or night.

MEETINGS.

The Annual General Meeting

The Thirty-fifth Annual General Meeting of Shareholders will be held at the Company's office, Toronto-street, Toronto, On this Wednesday, the 19th Day of February, At Twelve O'clock Noon, when the financial statement will be submitted and an election of Directors will be held. By order.

J. HERBERT MASON, 288 Managing Director, And 514 Queen-street West

TOBACCONIST & CIGAR DEALER

SS6½ Yonge-street, Toronto

A full assortment of pipes, tobaccos and cigars of all brands at lowest prices.

Lily of the alley, Tulips Narcissus, Hyacinths, Roses in great variety, such as M. Nell, Mermit, The Bride, Bennet, Peries and Nephetos, on view every day in James Pape's window, 75 Yonge 1890; suite of three front rooms, well heated and with good vault accommodation in London of all brands at lowest prices.

Telaphone 4811.

TO LET.

OFFICES TO RENT.—POSSESSION MARCH 1.

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Street, Rose in great variety, such as M. Nell, Mermit, The Bride, Bennet, Peries and Nephetos, on view every day in James Pape's window, 75 Yong and with good vault accommodation in London of all brands at lowest prices.

To LET.

Figure 1.

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OFFICES TO RENT.—POSSESSION MARCH 1.

Street, Rose in great variety, such as M. Nell, Mermit, The Bride, Bennet, Peries and Nephetos, on view every day in James Pape's window, 75 Yong and with good vault accommodation in London of all brands at lowest prices.

Telaphone 4811.

THE EAGLE SCREAMS



My neighbors and friends who saw me in My neighbors and friends who saw me is my sickness wondered at the great change in my sickness wondered at the great change in my looks lately. One friend said I looked ten years younger, and indeed I feel so relieved, suffering as I did for many years, especially after meals; now I enjoy my meals and have much pleasure to add my testimony to your extraordinary water. Yes, if you think what I say is any value give it to the people. Yours truly,

M. W. TUCKER.

