are the seat or the starting point of many maladies, all of them serious. all more or less painful, and all of them tending, unless cured, to a fatal end. No organs of the body are more delicate or more sensitive than the kidneys. When symptoms of disease appear in them not moment is to be lost if health is to be restored. The best way to treat the kidneys is through the blood, cleansing it from the poisonous matter which is usually at the bottom of kidney complaints. For this purpose there is no remedy

"For many years I have been a constant sufferer from kidney trouble, and have tried a number of largely advertised kidney cures without benefit. At last a friend advised me to try Ayer's Sarsaparilla. The use of eight bottles of this remedy entirely cured my malady."—MARY MILLER, 1238 Hancock Street, Brooklyn, N. Y.

Winter Pastime

Interesting Hockey and Curling Contests.

Hamilton Gun Tournament Not a Financial Success.

The Billiard Tournament at Chicago-Schaefer Makes His Mark.

HOCKEY.

Hockey and other games on Sunday

Frank Hobbs, son of W. R. Hobbs, of this city, was chosen captain of the Bishop Ridley hookey team on Wednesday night. LISTOWEL VS. SEAFORTH.

Seaforth, Ont., Jan. 22.-The Listowel hockey club defeated Seaforth here last night by a score of 4 to 3. INGERSOLL AND BRANTFORD.

Brantford, Ont., Jan. 22.—A league match between Ingersoll and Brantford last evening resulted in favor of Ingersoll, 6 to 2. ST. CATHARINES VS. HAMILTON.

Hamilton, Ont., Jan. 22.-A championship hockey match in the S. O. H. A. ser is last night between the Hamilton Crescents and St. Catharines was won by St. Catharines, 8 to 4. GUELPH DISTRICT CHAMPION-SHIP

Guelph, Ont., Jan. 22.-The hottest game of hockey ever played in Guelph took place here last night between the Guelph Nationals and Guelph torias. The former won by 10 to 3. This game gives the Nationals the championship of this district. Final score: Nationals 10, Victorias & CURLING.

AYR BEATEN. Ayr, Ont., Jan. 22.-A friendly game of curling played here yesterday between Bright and Ayr resulted in fa-

vor of Bright by 9 shots. FOR THE GOVERNOR-GENERAL'S MEDAL. Montreal, Que., Jan. 22.-The final match for the prize offered by the governor-general was played yester-

lay, and was won by the Caledon-This leaves the Quebec, Ottawa and Caledonia curling clubs in the semi-finals. The final draw will be played in Montreal, and the final will be played in Ottawa.

BILLIARDS. SCHAEFER'S RECORD.

Chicago, Jan. 22.-Wizard Schaefer, in his game yesterday with Catton, in the 18-inch balk-line tournament, ran his 400 points in ten innings, which is world's record at the new game. The Wizard made 33 from the lay-off, and following with clever runs of 34 and 67. At this point Catton had one point to his credit, but in the next three innings he put together 77 points. Jake came back with 23, 27 and 25, and at the end of the seventh inning the call was: Schaefer, 210; Catton, 89. In the eighth Schaefer made one and Catton scored a goose-egg. Then Schaefer made 106 points and fell down on a hard cushion draw by a hair's breadth. Catton could make but 4 from the leave, and then Jacob ran the game out, achieving an average of 40. game makes the outcome of tonight's contest very dubious, and Ives will have to play his best to defeat his old master. Score:

Schaefer-Average, 40; high runs, 106 Catton-Average, 10 1-3; high runs, 42 and 24.

Last night's billiard game resulted: Ives, 400; Spinks, 154. Ives-Average, 20; high runs, 136 and 80. Spinks-Average, 7 7-10; high runs, 44 and 37. WHEEL.

SPOKES. The Buffalo Wheel Company has received orders this month for 6,000 wheels for use in England and Ger-

BASEBALL FLYS.

meeting of the directors of the Maple Leaf baseball club, Guelph, was held for the purpose of winding up the business of the late entertainment. The financial statement showed a fair balance after all expenses are paid, which balance will go to pay the outstanding liabilities of the club.

ATHLETIOS.

"NEVER LANDED." Philadelphia, Pa., Jan. 22.-"Yank" Kennedy and Steve O'Donneil were scheduled to fight six rounds at the Arena last night, but a broken hand prevented O'Donnell from going on.

Note: Make the secretion of the se

ney to sleep. Kenney never landed once on Maher. LACROSSE.

PLAYERS DISQUALIFIED. Montreal, Que., Jan. 22.—The meeting of the A. A. A. of C., to consider the case of the Capital lacrosse players who were accused of professionalism, was held here last night. After some discussion the vote stood to force. discussion the vote stood in favor of disqualifying them. They were 18 in number—Crown, Quinn, Devine, Shea, James H. Carson, Ketchum, Carleton, G. Carson, Smith, J. Murphy, Griffith, Powers, McKinnon, O. Doherty, E. Murphy, Gleeson and Westwick. The secretary was instructed to write each of the players, notifying them of their disqualification, and that they had ten days in which to file an

TRIGGER. THE HAMILTON CLUB'S TOURNA-

Hamilton, Jan. 22.—The shooting in the grand Canadian handicap at the Hamilton gun club's annual tournament, was completed in a pouring rain. Fifty-one men shot, and seven made straight strings of 20 birds. D. L. Van Vlack, Toronto, did the best shooting of the tournament, killing his 20 with the use of the second barrel only four times, while the San Francisco champion, Fanning, Bennet, of Buffalo, E. D. Fulford, one of the best shots in America, and Reynolds, of Port Hope, used the second barrel every time. Scores: Van Vlack 20, Weyper 20, John Parker (Detroit) 19, R. White (Toronto) 19, M. Reardon (Hamilton) 18, M. Fletcher (Hamilton) 18, H. Graham (Hamilton) 18, W. Stroud (Hamilton) 18, A. Lyons (Dundas) 17, Jas. Crooks (Hamilton) 17, Gen. Grant (Woodstock) 14. T. Crooks, E. B. Williamstein, M. Crooks, M. Cr 14, T. Crooks, E. B. Wingate and J. Cooper retired after missing two birds. In the \$600 handicap, Van Vlack, Weyper, Fanning, Bennett, Norris, Bartlett and Kelsey received \$63 57 each; and Kirk, Forsyth, Grav White, Byce, Parker, Wilmot, Burkhardt and Peart, with 19 birds out of a possible 20, received \$12 91 each. Fanning, Graham, Fletcher, Reynolds, Fulford, Brooks, Courtice and Wingate had clean scores in the live bird contest, miss and out, and Kelsey, Fulford and Galloway divided first money in the blackbird event. Orangeville won the team event, with 116 points; Hamilton second, 113; Galt third, 94. The tournaent was not a financial success.

THE WIGGLING OPPOSITION.

Extremes Mr. Whitney and His Friends Have Gone to in Order to Try to Win.

At the South Essex convention, Hon. E. J. Davis, provincal secretary, followed the policies advocated by the opposition from 1883 up to the present, showing how, in 1883, they catered | A Case That Might Have Puzzled to the Roman Catholics in their wellknown "Facts for Irish Electors," but when that failed to win them an election they turned completely around This Judge Had to Decide Who of a will in future be strictly prohibited in the Berlin park. The managers have decided to prosecute all future offendalso failed. The great underlying principles in the Liberal party in England are the same in this country. The Liberal party shows no special privileges to any creed. The present premer had been a member of the government for twenty years, being head of the crown lands department, and no man has charged that one dollar was wasted or improperly spent by him. Along with Mr. Hardy is associated Mr. Ross, who has brought the education department up to its present high standard, while Messrs. Dryden and Harcourt are also men of experience. The opposition quote Sir Oliver Mowat as an authority for the statement that when there was a Tory Government at Ottawa there should be Liberal Government at Toronto. When Sir Oliver made that statement the Ontario Government was fighting Dominion Government over the crown lands, and had the Conservatives been elected in Ontario, the Dominion would have been in possession of the crown lands now, to the great loss of this province.

Rev. F. Elliot, of Richmond Hill, Relates a Happy Incident.

Held Bedfast by Kidney Trouble-He Could Not Turn Himself-Dodd's Kidney Pills Cured Him-"A Good, Honest, Reliable Medicine."

Richmond Hill, Jan. 22.-Rev. F. Elliott, a popular and prominent clergythis place, has written the story of his sufferings and recovery of Kidney Disease. The sketch is of deep interest to thousands of Canadians.

Rev. Mr. Elliott says he feels it his duty to tell of the medicine that cured him-Dodd's Kidney Pills. "goodwill to men" could induce him to allow his name to be published in this connection. The testimonial is entirely unsolicited.

"I suffered so severely from Lame Back that I could not turn, nor get out of bed. I began using Dodd's Kidney Pills, and my pains and lameness soon disappeared. I consider Dodd's Kidney Pills A GOOD, RONEST, RE-LIABLE MEDICINE for the diseases they are recommended for. These are Mr. Elliott's own

and such is the result EVERY NIME Dodd's Kidney Pills are used. Mny person who suffers from Bright's Disease, Diabetes, or any other Kidney Trouble, after having the assurance of such a worthy and eminent clergyman as Rev. Mr. Elliott, deserves no pity. The cure is within easy reach, and if they refuse to stretch out a hand to grasp it, no one can be blamed but

Dodd's Kidney Pills positively and permanently cure Lumbago, Dropsy, Paralysis, Heart Disease, Gout, Sciatica, Gravel, Stone in the Bladder, Female Weakness, all urinary disorders, Neuralgia, Lame Back, and all other. Kidney Diseases. They are the only remedy on earth that has ever cured Bright's Disease and Diabetes. They are sold by all druggists, or will be sent on receipt of price, 50 cents a box, six boxes for \$2 50, by the Dodds Medicine Company, Limited, Toronto.

The storage battery form of applyng electricity is regaining favor among

scientists. A DINNER PILL.-Many persons suffer excruciating agony after par-taking of a hearty dinner. The food partaken of is like a ball of lead upon the stomach, and instead of being a healthy nutriment, it becomes a poison to the system. Dr. Parmelee's Vegetable Pills are wonderful correc-

Startling Rumor

That "Yellow" Journals of New York Seized in Havens.

Havana, Jan 22 Although nothing appears to be known on the subject at Spanish headquarters, persistent rumors are in circulation that General Calixto Garcia, the famous insurgent leader, was killed in the last engagement against the Spanish troops. According to information from Span-

ish sources, Gen Castellano, being aware that the insurgent government was established at Esperanza, 17 leagues from Puerto Principe, at the extreme west end of the Cubita's Ridge, proceeded in that direction with 2,200 infantry, 400 cavalry and two field cannon. After a three days's trying march he forced a difficult position on the fourth day, and overcame the obstinate resistance of 1,000 insurgents. pursuing them more than six miles, and burning the houses at Esperanza, including the insurgent government buildings. On the following day Gen. Castellano engaged the reunited insurgents, 2,500 strong, near the Inflerno woods, six miles from Esperanza. He routed them after two hours' combat and put them to flight. The insurgent loss is believed to be heavy, but owing to the density of the wood it is difficult to ascertain the full extent of the defeat. The insurwounded, among the latter being Lieut .-

Col. Perez Monte. The insurgents' under leader, Monteof Esperanza, Province of Santa Clara, Under cover of the darkness they reached the houses in the Rosario ward; but the garrison repelled the attack and followed the fleeing insurgents outside the town. The latter left nine dead. A private dispatch from Spanish sources says the attacking insurgents had 30 wounded and that the garrison's loss was insignificant.

"YELLOW" JOURNALS TABOOED. Havana, Jan. 22.-The issues of the New York World and the New York Journal and Advertiser of Jan. 16, and several issues of the Madrid Heraldo and Imparcial, have been seized by the government officials here.

Took It Himself.

Solomon

Hundred Claimants Should

Prescott, Ariz., Jan. 22.-Mrs. May Bell, the wife of a mining expert of this city, went into a large saloon here on Monday night, and, depositing her 2year-old baby girl on the bar, asked the man in charge to take the child to

raise. Mrs. Bell's husband is a hard drinker and has neglected his family for several years. The object of the woman was to prevail upon the liquor seller to in part make restitution, in that he had received nearly all the money her husband earned, thereby depriving her of means of support.

The appeal attracted the attention of the gamblers and loungers in the resort. They gathered around the woman and listened to her recital of woe, which was delivered in a manner that affected the most hardened. Kissing the baby a fond farewell the mother left the tot on the bar and

hurrying from the place entered a carriage, which was immediately driven So many of the men in the saloon wanted to adopt the little girl that in order to avert a riot the proprietors resorted to strategy. They sent for Probate Judge C. P. Hicks, to whom the case was explained. After a great deal of wrangling Judge Hicks' authority was recognized. He then demanded possession of the child, and it was placed in his arms after several awk-

ward attempts had been made to accomplish the feat without destroying the infant. The judge addressed the crowd and said that he wanted a baby, and pur-posed keeping this one. His speech was greeted by cheers, and the judge triumphantly marched home with the

prize. Several weeks ago Mrs. Bell applied to Chairman Ross, of the board of county commissioners, for admission to the county poor farm, and she fainted from hunger while attempting to relate her troubles. Mrs. Bell told the World spondent that her husband had for a ong time entirely neglected her and her children so much that she fell a victim to hunger and disease. Her pride and family relations in the east

made her suffer all the more keenly, and as a last resort she sought the almshouse of the county and was cared for. She is a well-educated woman, and bears the features of one who is refined. "Since baby was born, about three years ago," she says, "Mr. Bell has seemed entirely indifferent, and that, too, in view of the fact that he

has prospered in his vocation. He has resorted to gambling, and, worse, to drinking. As to her family relations, she said that her people are wealthy and influential in the east. What disposition will be made of the child is not known, but as there are a hundred adoption claimants for her she is sure to have a good home. It is said Bell has been ordered out of town at the muzzle of a shotgun. He has left. His wife will soon be cared for. A big purse has been

raised to take her back to her New England home. Mrs. Bell is lying at the county poor farm, heart-broken and distracted. It is said that she attempted suicide.

The estimated population of Greater New York is 3,350,000. LIFE SAVED .- Mr. James Bryson Cameron writes: "I was confined to my bed with inflammation of the lungs and was given up by physicians. A neighbor advised me to try Dr. Thomas' Eclectric Oil, stating that his wife had used it for a throat trouble with the best results. Acting on this advice, I procured the medicine, and less than half a bottle cured me; I certainly believe it saved my life. It was with reluctance that I consented to a trial, as I was reduced to such a state that I doubted the power of any

remedy to do me any good." That Affliction-Catarrh.

The General Elections

Great Liberal Meeting in Hamilton Last Night-Other Nominations.

Hamilton, Jan. 22.-Hamilton Liberalism united last night in the nomination of Hon. J. M. Gibson as the candidate in the western division and J. T. Middelton for the eastern division of that city. Association Hall was crowded with delegates, the harmony was complete and the enthusiasm tre-mendous. The commissioner of crown lands, in his acceptance, ably reviewed the questions at issue, and vindicated the right of the Hardy Government to a continuance of the public confidence. Mr. Middleton also spoke effectively. With such candidates as these it is safe to conclude that they will not appeal in vain to the suffrages of the electorate of Hamilton.

CAMPAIGN OF SONG. The Laurier male quartet, of this city, which was an agreeable and unique feature of the Federal campaign of 1894 in Western Ontario, will be heard from many Liberal platforms in different parts of the country between now and election day. It appeared last night at the Liberal convention in Hamilton and made an instantaneous hit. The quartet, which is under the leadership of Mr. Stuart Huntington, is artistically meritorious, as any son who has heard it can testify. The gents left 57 fead on the field. The basso is a wonder. The organization spanish lost five killed and had 31 has a number of original selections penetrated by the second selections are specifically selections and the second selections are selections as a number of original selections penetrated and selections are selected as a selection of the second selection of the second selection of the second selection of the selection of the second selection of the select culiarly appropriate to the issues, the least effective of which is based on agudo, enraged by the reports of the surrender of the insurgent general, of Esperanza. Province of South town cal associations can secure them for meetings merely by paying their expenses. On Tuesday, Jan. 25, they will appear at the North York convention Newmarket, where addresses will be delivered by Mr. Ross, Mr. Mulock and Mr. Davis. On Wednesday evening they will be at the Hardy reception in Brantford, and on Thursday at Peterboro, where Mr. Ross will speak. NOTES OF THE CAMPAIGN. Addington Liberals yesterday neminated Mr. Frederick Wortman, of Cole-

brook. He is referred to as a strong Dr. J. H. Fell, of Manitowaning, is the Conservative candidate for Algoma East. East Hastings Conservatives nomin-

ated Mr. W. P. Hudson, ex-M.P., for the Legislative Assembly. He asked time to consider the matter. The West Northumberland Liberal Mr. A. B. McCallum, Paisley, is holding a series of successful meetings

ing at Kingston on the evening of from coal originally and the steam en-Dr. Tweedle, who was nominated by contest that riding for them, has re-Brockville Conservatives have nomi-

nated John Culbert as their candidate. The Patrons of South Wellington have nominated James Anderson, of Springfield, as their candidate. At a recent gathering in West York, Mr. James W. Mack sang an original song. One of the stanzas ran in this

They hitched a pig to the party gig, The lines were held by the Saint; At every turn they had pork to burn, Till people were sick and faint. They drove the pig into parliament, Where the Saint set up a sty; When everyone asked what on earth he

mean He replied, 'Root, hog, or die.' 's Premier Hardy has promised to take

the chair at the mass meeting in Torento to welcome Gen. Booth, chief of the Salvation Army, on Feb. 3.

DIFFERENT REASONS. In a little New Hampshire village there lives an old lady who has such a sweet spirit of kindliness toward all the world that she is unable to comprehend the entire lack of that spirit some other people. Not long ago one of her granddaughters, a gay young city girl, was paying her a visit, and one day told her of a ragged and intoxicated man whom she had seen on the street just before leaving home.

that," she said, vehemently, at the end of her story. "I know just how 'tis, dear," said the old lady, laying one of her soft, wrinkled hands on the girl's head. "It does seem as if you'd got to stop and are also less. As a rule the cost of fuel speak with the poor creatures just a on electric roads is about 5 per cent minute, don't it? I never can hear to of the operating expenses, while on pass 'em by without a word; it don't steam roads it is about 10 per cent.

gay little granddaughter was quite disturbed by this misrepresenta- place of the steam motor is the diffition of her words, but she did not undeceive her grandmother as to her meaning. For some reason she felt

DELAWARE Delaware, Jan. 22.-Rev. McD. Kerr, of Toronto, will hold the last of his series of meetings on Sunday next, in the Methodist Church. His work here has been a grand success, and many have decided for a better life. Mr. F. Boles, who was in the city hall disaster, was removed to his home on the first concession yesterday. He has not yet fully recovered, but is expected to be about in a few days. Mr. J. McCallum gave a lecture in the town hall on Tuesday night, entitled "Love, Courtship and Marriage."

Rev. R. Leitch occupied the chair. The attendance was not very large. A runaway accident occurred in the village on Thursday night last, in which the wife of Rev. H. D. Moyer was somewhat seriously hurt. The team of Mr. H. Garnett, after running over three miles, crashed into a rig occupied by Mrs. Moyer and two other ladies. Mrs. Moyer was thrown to the ground and rendered unconscious. She was taken to her home, where she is now slowly recovering. A full dress ball was given by the members of the 400 in the town hall last night. A large number from London, Strathroy and Mount Brydges were in attendance. It was a decided

Mr. F. Branton has returned from his wedding trip and has moved into his new home in the village. Wedding bells are expected to be again ringing in the village some day next week.

LINKS fw taoin etaoin oinnnnnnn A BIG fossil bog oak, weighing 40 tons, which geologists assert to be ten acheduled to fight six rounds at the acidity, open the secretions, and conprevented O'Donnell from going on. Peter Maher was substituted, and in a little more than a minute put Ken
They correct acidity, open the secretions, and conjugated by Trask's Magnetic Ointment. They are just the medicine to take if troubled with indigesting this certain remedy. 25c a bottle at any druggist's.

Endured by so many, can be surely cured by Trask's Magnetic Ointment. No one should suffer from that loath-some disease—stop it at once by using this certain remedy. 25c a bottle at any druggist's.

FROM INDIA AND CEYLON.

Never any Complaints

Always pure-always fresh-always best of tea values. 25c, 30c, 40c, 50c, 60c, 70c and \$1 per pound in 1/2 and 1-lb

JOSEPH TETLEY & CO., London, England, and 244 Youge, Toronto.

A Comparison of the Two Means | part: of Supplying Power.

Economies of Electricity Over Steam for Traction Purposes and Its Limitations-The Question of Coal Consumption.

"It is remarkable what a number of | trolley lines. persons of intelligence there are who have the impression that by the use of electricity five or six horse-power will do the work of fifty or sixty horsepower produced by steam," said an electrician. "Only a few days ago such a person said to me in good faith that he believed electric motors would soon take the place of steam locomotives for great expense for copper. On one road general railroad work, because a little electric motor of five or six horsepower would be able to do the work of the heaviest engine. A lot of clever inventors have also been at work with sion alternating currents must be emthis same idea, and every once in a ployed. How necessary high voltages while some newspaper tells about one of their schemes and adds that the invention is to revolutionize railroad-

"The real economy of the electric motor does not lie in its being able to do any more work for each horsepower than could be done by the steam engine, but in the fact that the power for many motors can be genernominating convention will be held at ditions of much greater economy than can be secured in the locomotive or in small separate plants, and also in the in the Liberal interest in the Bruce of a rotary motor over the reciprocating Premier Hardy will address a meet- Speaking generally, the power all comes gine is used to drive the electric genthe Conservatives of South Norfolk to If there are a hundred machines to be erators or dynamos, as they are called. driven and each of these would take five horse-power they would each require an electric motor of the same power as if the motor were a steam engine and the whole would require a central station engine, which could furnish to them 500 horse power in the aggregate. The loss of power in good practice amounts to from 6 to 10 per cent, so that the central station must actually produce, in such a case, 50 horse power perhaps, more than the separate steam engines to perform the same work would be required to do. "You wonder, then, where the economy of using electricity lies? Let us consider this as applied to the running of locomotives for instance. An express locomotive, running under favorconditions, will use about four pounds of coal an hour for each horse power produced. Some runs have been made upon a consumption of 31/2 pounds an hour fo reach horse power. An engine drawing a local train will burn five pounds of coal every hour for each horse power, while the usual consumption of a freight locomotive is from six

to ten pounds. Even this does not take in the coal wasted while the engine is getting up steam, or that burned when the fires are banked or thrown away when the fires are drawn. Compare this with the results attained in good stationary plants. Some of these will produce power at an expense of 1.5 pounds of coal for each horse power an hour, while it is a poor plant which requires more than two pounds. In the new steamship Kaiser Wilhelm der Grosse the engines produce 20,000 horse "I can't bear to pass a man like power upon an average consumption of one and a half pounds of coal for each horse power an hour for a run across the Atlantic. Coal can also be delivered and handled cheaper at large central stations, and the other expenses "The real reasons why the electric locomotive does not at once take the culty and cost of distributing the electric current for long distance without a great loss of current through the electric resistance of the wires. To overcome this the roads operated by electricity are divided up into short sections, and separate copper feeder

wires are run from the power house to each section. This would not entail so much expense if it were not for the fact that each feeder wire as it is increased in length must also be increased in size, or there would be a great loss of power, and the cost of the cop-per soon gets to be too great to warrant the increase in size. When the scheme for building the Broadway underground rapid transit railroad was being investigated by a supreme court commisssion in 1895, experts testified that to transmit the enormous amount of power which would be required for the proposed train service would take \$7,000,000 worth of copper wire alone if the power all came from one station." These difficulties were very clearly

DR. ACNEW'S CURE FOR THE HEART A WONDERFUL LIFE-SAVER.

No organ in the human anatomy to-day whose diseases can be more readily detected than those of the heart-and medical discovery has made them amenable to proper treatment. If you have palpitation or fluttering, shortness of breath, weak or irregular pulse, swelling of feet or ankles, pain in the left side, fainting spells, dropsical tendency, any of these indicate heart disease. No matter of how long standing Dr. Agnew's Cure for the Heart will cureit's a heart specific-acts quickly-acts surely-acts safely.

"I was given up to die by physicians and friends. One dose of Dr. Agnew's Cure for the Heart gave meese, and six bottles cured my case of fifteen years' standing." Mrs. J.L. HELLER, Whitewood, N.W.T.

Electricity and Steam. in a paper read before the Chicago Electrical Association, and Mr. Marshall also points out a way in which they may be overcome. He says in

"As far as an engineer can see into the future it is improbable that electricity will supplant steam for general railroading purposes, but there are some departments of the work where the adoption of electricity will be a great advancement. In thickly settled communities, as parts of the New England, North Atlantic and Central States, the railroads will be forced to make changes in their service to successfully compete with the parallel

"With the present equipment it seems that 500 or 600 volts at most is the limitation of the direct current motor, and long lines can only be operated by placing power stations at frequents intervals, say ten or twelve miles apart. The transmission at this voltage involves enormous losses or recently tested the voltage varied from 525 volts near the station to 240 volts at the end of a line seven miles distant. It is obvious that for transmisare may be seen from a little calculation on the cost of copper for line wire. Mr. Stillwell gives the cost of copper required to deliver one horse power at motor shaft ten miles from the generator, allowing a 20 per cent drop and copper 15 cents per pound, at 500 volts, \$780 75, and at 10,000 volts, \$1.95. Thus it is seen that it costs 400 times as much to furnish copper at 500 voits as it does at 10,000. A voltage of 10,000 is well within the present engineering practice.

"It is generally believed that alternating current motors are out of consideration for traction purposes, and it is-true that the experiments have not been successful on account of the low starting torque and lack of regulation; but the improvements which have of late been made go far in perfecting this machine."

SNOW AT OTTAWA. Ottawa, Jan. 22.-For the 24 hours ending at 8 a.m. yesterday there fell seven inches of snow at the Experimental Farm.

At a meeting of the Cleveland Central Labor Union, Robert Bandlow held in his hand a little brass wheel. of which he said a brassworker had told him a man could make 30 in a day and receive from \$2 50 to \$3 for the work. Now the work was being done by machines, he said, which turned out one each minute, and a boy who received from \$3 to \$3 50 per week could operate four machines. That, he said, was only a single illustration of how the invention of machinery was affecting the laboring people, and he wanted to know what would ultimately become of the surplus labor.

DE WOOD'S. NORWAY SYRUP. THE MOST PROMPT.

Pleasant and Perfect Cure for Coughs, Colds, Asthma, Bronchitis, Hoarseness, Sore Throat, Croup, Whooping Cough, Quinsy, Pain in the Chest and all Throat,

Bronchial and Lung Diseases. The healing anti-consumptive virtues of the Norway Pino are combined in this medicine with Wild Cherry and other pectoral Horbs and Balsams to make a true specific for all forms of disease originating from colds. Price - 25c. and 50c.

The Golden DredgeGo

LONDON, CANADA, LIMITED.

evites Attention to Its Pro position for Dredging on the Yukon and Klondike Rivers.

A steam dredge is being built at Seattle, under command of Capt. Parsons, of Buffalo, a skilled navigator and dredge operator, which will proceed to the mouth of the Yukon in April, and ascend that river. Subscriptions for an unsold balance of 7,000 shares at \$5 each will be received by J. F. SANGSTER, trustee, 403 Rich-

mond street. A limited number of men are required to work on the barge, and a few passengers will be taken.