HOUSE CONSTRUCTION. - The lowing to certain problems in this methods of house construction pur-line that, in various parts of the sued in France and the United States | world, observatories have been estab. dressed stone or rough blocks faced indeed, long ago discovered not only with mortar, the girders and cross- that the compass does not beams are of iron, the ceilings are aim directly at the North arched and of brick, the stairs of Pole, but that the amount stone or marble, the floors of terra- of variation in its indications from cotta oi diamond or hexagonal shape, true north undergoes slow alterathe interior walls of hollow bricks tions, hence the necessity of making of terra cotta covered with tiles or for different parts of the globe, every slate, the chimneys of marble, and, few years. In order, however, to obfinally, the doors and windows, the tain the data for such correctionsfriezes, cornices, casings, bee-boards of the highest importance to the surand other wood work are all of oak veyor and mariner- careful observaor walnut. It is due to this selection tions are necessary, continuously, at and arrangement of materials, the a number of widely separated points, proportion of anything of an inflam- But so delicate are the influences mable character being relatively so which the magnets in such an obser-small, that a fire can very general-vatory are intended to investigate, ly be confined to the place where it that they can be perceived only when started-to this, indeed, being attrib- the apparatus is most scrupulously uted the fact that a fire often breaks guarded, and the room in which they out in the cellar of a building full of are mounted underground. Efforts to various combustibles, such as petrol- overcome the difficulties experienced eum, oils, or varnish, without doing in making these observations have as damage to the rest of the building, yet proved far from successful. Another safeguard against fire may be added to the foregoing, viz., the almost universal use of Swedish safe- is one of the smaller but useful inty matches, which can only be light- ventions just brought to notice. It ed by scratching on the side of the has an inner and an outer shell join-

lars expended on the enterprise; that eighty-two miles distant. In a word, 9,000 horse power is made to propel machinery, move street cars and illuminate and even heat buildings in Los Angeles, besides furnishing illumination and power for several vilon and Ontario-between the mountains, and the engineers seem to agree that the most remarkable feature in this development of the powor on the Santa Ana River is the transmission of electricity of a high groves in San Bernardino valley.

ELECTRICITY AND THE COM- ous consideration. ty upon the compass. It has been future.

would, however, remark that suffici-

Chats With the Farmers.

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present some marked differences. In lished for the purpose of keeping the former the heavy work-that is track of the changes in the direction to say, the main walls-are all of which magnetic needles point. It was placed edgewise, the roof of blocks fresh charts showing such variation

A NEW HUB .- A new English hub ed by radial webs placed some distance apart, the orifices between REMARKABLE EXPERIMENTS .- them having the shape of part sect-During the last three months what ors of the circle formed by the outer is pronounced by experts the most shell, and extending the whole remarkable piece of electrical engine- breadth of the hub. These orifices are ering in the country has been accom- filled with vulcanized rubber, the latplished, after three years of labor ter being pierced from end to end and some six hundred thousand dol- with holes into which are inserted tight-fitting bolts; the latter project is, the Santa Ana River, which comes out of the San Bernardino Mountains and a plate at each end, the plates has been bridled, and its power is carrying the axle bearing so that has been bridled, and its power is carrying the axle bearing so that now transmitted to Los Angeld their form may be varied to suit any kind of vehicle. As any motion imparted to the rim of the wheel must be transmitted through the rubber before reaching the axle-some of the rubber being always in compression Immination and power for several vil-lages—as Redlands, Riverside, Colt-iminimized by the arrangement described, giving more comfort to passengers and increasing the duration of

A PRIEST'S INVENTION .- We voltage over eighty miles of wire learn from the Ontario press that dead meat cost, \$7.90, or nearly 8c with so little loss of energy, the company finding in fact, that it can send electricity of 33,000 volts, have considered a ballot stock fetched \$5.25; average good ing a working-efficiency of 4,000 to be used in municipal and parliam-heifers brought \$1.50. This made horse power, a distance of eightynorse power of the eightynorse powe three miles with a loss of but 10 per cent. After doing its work in the bordefer word of all the kinds of 1839, prime beef cattle sold for \$7.20 and the third from seventy-five to where men of many years stoads. production of electrical energy. the ballots heretofore used. At present average, good, \$5.25, making the car-ninety. The newer arrangement may handed, stoody-headed, quick to think, mountain stream is gathered into a he is taking steps to have the Gov- cass of prime cost, landed. \$9.25, or be based upon the fact that while the quick to act, and wise to wait; men of conduit and led down the mountain ernment recognize and ultimately 913c per pound. side to irrigate the orchards and purchase his invention. In fact we are informed that the Federal authorising up for two years in proportion teen years, it increased in the eighths sind in the harness are legion, latities will give the matter their serie to the shortage of stock and the exteen to twenty years and tude nor long, tude affecting their vitages consideration.

Such a bull of pensive food and weather conditions in the nineteenth to the rty-tality. Men past seventy are Governors, would prove timely, if it is all that for producing marketable beef. We six years. In addition, a further Cabinet Ministers, Ambassadors and seventy is not held. PASS .- An interesting discussion has would prove timely, if it is all that taken place before the British Associ- it is represented to be, for no mat- have warned the retail trade of these argument is offered for the extension Congressmen, and seventy is not held action of Science on the future re- ter how events turn, a general electradvancing conditions and from time of time in the generally accepted law to be old at all for a candidate for sults of the growing use of electrici- tion must come within the very near

MRS. L. EMOND.

Sick Fourteen Years-More Than Half the Time in Bed-Now She is Well Again, and Tells How Other Women May Regain Their Health.

The following story is truly pathetic. Fourteen years ago (in 1884) a woman was sick with womb trouble. The trouble went on from bad to worse. Such diseases never did and never will cure themselves. As the days pass the pains and weakness increase. Finally comes the collapse. The patient goes to bed. Here she still grows Finally she drags herself from bed and totters around on her feet in an effort to forget her agonies. She reads in a newspaper about a marvelous med-icine. She writes for advice to famous specialists. Then she recovers her health completely. Just think of those needless years of torture! She could have been cured in 1884 just as well as in 1898. But read her own words.

Mrs. L. Emond, 2106 Joseph street, Brighton Park, Chicago, Ill., writes as follows: "I had womb trouble for fourteen years. My left side ached terribly, and so did my heart. More than half of the time I had to stay in bed, but especially for the last two years. My sickness was much worse toward the end,

Chicago, Illinois.

were calculated on the same basis. A

comparison of the market for beef

cattle on the hoof in Chicago and

Kansas City for Aug. 10, 1897, 1898

and 1899, shows that the following

top and average prices were paid by

the packers at the stockyards in op-

en competition for hand fed and



This is not a single instance where rest in bed. I spent my nights in Weak Weak Weak Weak was brought about a cure walking the floor, trying to forget that I was suffering so much. I wrote your specialist, received a long term reply followed his advice parts. 2106 Joseph street, Brighton Park, of the womb and overcome prolapsus American Chemical Co., Medical hicago, Illinois.

American Chemical Co., Medical Department, Montreal, Canada.

headache, nervousness, sleeplessness by giving vigor and tone to the feminine organs. They regulate the digestion and enrich the blood, thus curing pimples, blotches and ugly complexion. The pills are much easier to take than liquid medicines, and they cost only half as much. They can be carried about, and swallowed without attract-

ing attention.

The best way for sick women and girls to do is to write to our famous specialists for advice. This is given absolutely free. No local physician has had so much experience as our specialists. Personal consultation and treatment can be had at our Dispensary, 274 St. Denis street, Montreal. Dr. Coderre's Red Pills are widely

Dr. Coderre's Ked Pills are widely imitated. Beware of all red pills sold by the dozen, the hundred, or at 25 cents a box. They are worthless imitations. Get the genuine at all honest druggists. They have them—always fifty Red Pills in a box for 50 cents, or six boxes for \$2.50. Or you can send the price in stamps, or by regisand I could not sleep and could not Dr. Coderre's Red Pills for Pale and tered letter, money order or express

your specialist, received a long letter in reply, followed his advice, and to-day I sincerely thank him. To him I owe my cure, for his good advice and special treatment he sent me, together with their own special treatment he sent me, together with Dr. Coderre's Red Pills, completely cured me. I am also glad to give my testimony, in order to help other sick women." (Signed.)

Mrs. L. Emond,

Mrs

Your impression in the morning. Teeth in the afternoon. ELEGANT FULL GUM SETS. Kees Pearl (fiesh colored.) Weighted lower set for shallow jaws. Upper sets for wasted faces. Gold crown plate and bridge werk, painless extracting without charge if sets are inserted. Teeth filed; teeth repaired in 50 minutes; sets in three hours if required.

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comprising twenty-five years each, the deavor we find men, past the seventychoice Western beef cattle: Aug. 10, 1897, prime cattle, live weight \$1.80, average, \$4.15, making the prime one to twenty-five years; the second, younger competitors, and usually keen-

The price of cattle has been creep- teenth century was computed at thir- tuen. The men of past eighty who are to time advised them to meet the in- of the animal kingdom that life is the Presidency of the United States if evitable by putting up their shop five times the period of growth, which he be otherwise available.—Philadel-prices. That they have lingered at being twenty-one years in man, puts phia Saturday Post. the old prices for two years and are now forced to meet the state of trade in one jump is as unfortunate as it was unnecessary, but the wholesalers stock grower draws first blood from the slaughterer and for spot cash at A Lindsay correspondent, in the speak for themselves. The work of that, If any one questions this states

A LOG JAM.

A great log jam, containing rearly there are already too many logs at the Government boom at the mouth

An exchange remarks In view of the recent Peace Con-

read that Russia has a standing army of 1,700,000 men, and a reserve of 5,500,000, or a total of 7,200,000 standing army of 1,025,000, a reserve of 3,000,000, and a 101al of 4. (024,000; that Germany has a standing army of \$10,000, a reserve of 2. 100,000 and a total of 2,910,000; that Austria has a standing army of 875,000, a reserve of 1,156,000, and a total of 2,031,000; that Italy has a standing army of 559,000, a reserve of 1,100,000, and a total of 1.-650,000, and that England has a standing army of 114,123, a reserve of 569,877, and a total of 711,000, besides 800,000 native troops in India, Here then are 19,325,000 men not to speak at all of all the navies of these different powers, ready to PRICE OF MEAT.—The rise in the fly at each other's throats at any moment.

> in revenue of \$411,087, from the the ordinary importations of German and

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Health.

Success in this world is only for the healthful. The disease-worried worker is a failure.

MAN AND HIS YEARS.

The course of human life has been the limit of his years at one hundred

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To every department of human en-

first being the ascent. or youth, from year mark, who are as active as their

the level, or manhood, from twenty- er and more dangerous rivals than five to fifty; and the third, the descent they were at fifty. A bank president

or age, from fifty to seventy-five. A cut, a railroad man in New Jersey

better division, however, would make nearing the century mark: then

You can have health—every-day, all-the-yearround health—if you take daily that excellent preventive and cure of disease,

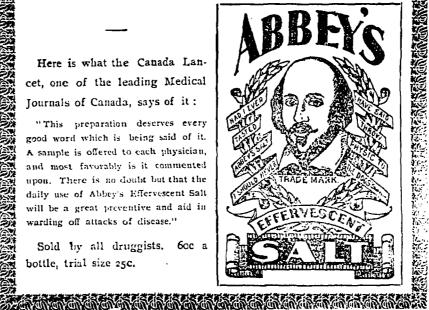
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IN THE SUPERIOR COURT.

Montreal, 12th July, 1899.

BEAUDIN. CARDINAL, LORANGER & ST. GERMAIN, 5 Attorneys for the Plaintiff.

A Business Chance.

WANTED,

An action in separation as to property has A young man, with capital, to been instituted this day upon the defendant. take a part interest in a profitable Manufacturing business with a practical man of 25

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tion to the advantages of experience, this enhancing of the value of

tricts. It has been our fixed purpose, the earth and sod at hand, and the Ex-Mayor Bingham, who has the for some time back, to devote a horses with which to work, that it contract for bringing down the logs, special column to farming interests, is no wonder so many are heautifying does not like dynamite, as it damages and we could not better commence their properties these days. To have the timber. However, it will likely than by quoting some of the striking an attractive home I think is the have to be used, as it would be too in the letter above men- most powerful agency in keeping the dangerous an operation for any riv-Dassages MODERN IMPROVEMENTS "The houses throughout the country this candid opinion of those who are fact is being borne in mind, with SIGNS OF UNIVERSAL PEACE closely observing the development of most satisfactory results." is quite as great as in any other line feet of the bettered condition is to ference, it is highly instructive to of activity, although the fact is make those who are on the farms

arriculture from year to year is that the improvement in that occupation garely mentioned. The advance from more contented with their fives More The cradle and the flail to the self-scientific methods have given those binder and the steam thresher is but boys who have an aptitude for study fighting men; that France has a one of the many changes that have a greater desire to work at home. taken place. Farm machinery has where there is now a scope for their lines. As hand-sowing was abandon-terviewed were of one opinion in sayed when seed drills came in so the ing that there was a material lessen-Scythe as an implement for pulling ing of the number who left for the peas gives place to a pea harvester; towns and cities, "All the professions and with the production of beans on are overcrowded," said a Hamilton a large scale comes a machine for business man, 'so what is the use of planting them in 'hills' and anoth-entering them while a good living er specially made for their threshing, can be made on the farm. Another Where the milk pans were formerly fact which was commented upon by placed on the cellar floor for twelve several registrars was that many farhours to make the cream rise, now mers who are getting up in years are the white fluid is run through a conveying their lands to their sons. hand machine on the pantry shelf, who will carry on the work." and, lo, the cream comes out instantly from one tube and the skimmed milk from another. Steam and electric railways, the arteries of com- wholesale price of meat has been merce, stretch out into the heart of gradual and due entirely to causes

Coronto Globe, has a very timely ar- the farmers' institutes has also been ment let him bid at the stockyards tole upon the great progress made of of considerable value. It can't think with millions back of him and ask to years in farming and amongst of nothing else that has been of such for credit. Termers. While the contribution upservice to the farmers, said a Westthese specially to Ontario farms and tern Ontario editor. The same authorformers, still it contains much gen- ity spoke of the benefits of the Modaral and useful, as well as pleasant, 'el farm at Guelph, Each county now anformation that may be applied all has the privilege of sending a studever Canada. In taking a few extent to represent it each term. When tracts from that article we will be the student returns what he has the Cascades, about fifteen index up giving very acceptable news to many learned is of service to those about the Gatineau, says the Ottawa constitution of the student returns what he has the Cascades, about the Gatineau, says the Ottawa constitution of the student returns what he has the Cascades, about the Gatineau, says the Ottawa constitution of the student returns what he has the Cascades, about the Gatineau, says the Ottawa constitution of the student returns what he has the Cascades, about the Gatineau, says the Ottawa constitution of the student returns what he has the Cascades, about the Gatineau, says the Ottawa constitution of the student returns what he has the Cascades, about the Gatineau, says the Ottawa constitution of the student returns when he has the Cascades, about the Gatineau, says the Ottawa constitution of the student returns when he has the Cascades, about the Gatineau, says the Ottawa constitution of the student returns when he has the Cascades, about the Gatineau, says the Ottawa constitution of the student returns when he has the Cascades, about the Gatineau, says the Ottawa constitution of the student returns when he has the Cascades and the Cascades are the cascades and the cascades are the student returns when he has the Cascades and the Cascades are the cascades are the cascades and the cascades are the cascades ci our readers, and we know that him, and these young men, together respondent of the Toronto Globe. The hundreds of them will be able to appoint the ordinary students, are the jam has been allowed to accumulate ply every word of it to their own means of diffusing a good deal of to its present proportions, because

cases, and corroborate its truth. We valuable information." IMPROVED HOMES .- "Another of the Gatineau, where the sorting to this subject. While our large cities observer pointed out the advantages out of the various firms' logs is done. are the great commercial and busi a farmer has in improving the ap- The question is: pearance of his home. It is so easy 'How is the jam to be broken?' dependent on our agricultural distribution of him to make a lawn, having all Four years ago dynamite was used. boys at work with contentment. In ermen to try in the usual way. the building of so many new

MORE CONTENTMENT .- "The efocen invented for labor saving in all talents. Business men who were in-

the country, carrying with them the luxuries of the city and bringing back the fresh produce of the farms."

gramma and carrying with them the over which the packer himself has A statement of the Dominion Revlace of the city and bringing had no control, remarks a writer in enne and expenditure for July, made the National Provisioner. It has been public August 19th, shows a decline the National Provisioner of the Dominion Revlace of the farms. the commercial result of the gradual WIDER EDUCATION .- "In addi- rise in the price of lipe stock; and same month last year, due to extraas a teacher, the wider circulation of herd has been brought about by the Belgium goods in July, 1898, just benewspapers and books has done much general shortage of live stock for fore the termination of the atriff to broaden the minds of the people. Slaughter purposes, and the increased preference to those countries. The declares of books, together with the beef, because of the shortage of feed for in this way amounts to \$484,700. large number of daily newspapers es- and the increased cost of getting it. The expenditure shows a reduction tablished for a population which has If the past prices of meat were right of \$137,343. Capital account, expendnot materially grown are facts which the present prices are so, since they iture shows an increase of \$20,366.

PROVINCE OF QUEBEC, DISTRICT OF MONTREAL, No. 114.

Dame Margaret Cox. wife of William Edmund Evans, of Verdun, in the District of Montreal, Plaintiff, vs. the said William Edmund Evans, Defauding. Detendunt.

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