being being and would no denish to it that he is an an interest of the control of

couple of years ago made a water wheel to drive a pump, the pump to raise the water to run the wheel. This was to give pepetual motion, but it only succeeded in giving the Dutchman a bad name.

Keely's motor will be perpetual motion when it is finished, but Keely's motor hasn't moted yet to speak of.

Our patent insides editor asserts that perpetual motion is an absurdity. He says that arrange your weights as you will, or arrange any system of mechanics, action and reaction will always remain equal, and perpetual motion can only become possible when a body once ast in motion shall meet with no resistance, which is an impossible condition. He says that if a top could be made to spin in a perfect vacuum upon a point without friction; it might never come to rest, but it could exert no external force without losing its own. In support of his contention he quotes Stervinus, Count Rumford, Jaule, Dr. Mayer and as Professors Henry, Balfour, Stewart, Maxwell, Grove and others. And for facts regarding the construction of alleged perpetual motion in machines, he refers us to Henry Direk's "Perpetuum Mobile, or a History of the Search for Self-motive Power," published in London in 1870.

We confess that we do not altogether agree





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## Real Estate Brokers, MAIL BUILDINGS,

BAY-STREETFORS

The part of the pa	Condensed acvertisements, one cont a word. Death, marriages and births, 32 cents.  Special rates for contract advertisements or reading species and for preferred position.  The World's Relephone Call to 528,  SATURDAY MORNING, JUNE 18, 1887.	at any disadvantage as compared with the United States, and which would tend in any measure, however small, to weakes the bonds which bind us to the Empire.  2. That this board, whilst desirous of reciprocal trade relations with the United States, is opposed to commercial union with the United States, believing that it cannot be obtained	me through your columns anything you know respecting "perpetual metion"—what has been invested in that line, and what premiums are offered for perfected machines, as I am interested. By doing so at your earliest convenience you will greatly oblige.  A SUBSQRIBER.  Stratford, June 9, 1887.	Marter Men of and Mocessity for Continuous	MAIL BUILDINGS,
Semantic and the process who make the process of th	For years back commercial men have been accustomed to look with much interest to the reviews of the country's business and its pros-	without giving up the preservation of our autonomy as a separate nationality on this continent.  Now, let us all read Mr. Macdonald's resolution over again. As the very essence of com-	Our enquiring friend shall be satisfied. To his first query we can answer with the late lamented Mr. J. Billings, that what we know about perpetual motion is cussed little.	has dragged its party down to a condition of demoralization more complete, than any de- feat upon consistent principles could possibly	Language and the first term of the beautiful transport of the grant one grant on a ware of a same
ments that Mr. Happen words will discontinue the following the state of the state o	heads of the Bank of Montreal and the Mer- chants' Bank respectively. When the time tomes round this year a voice much valued for the wise counsel it was wont to convey to the business men of Canada is stilled—that of the	mercial union with the States lies in the commercial exclusion of Great Britain, its bearing on the question at issue ought to be plain enough. Mr. Darling and The Globe are merely playing a game of bluff, which even	young men of The World on the subject. One party contend that perpetual motion is the able editor who writes the commercial union articles, while another faction adduce proof	Mr. Darling having again adjourned himself there is now an opportunity for the rest of us to go fishing.	Market. Warehouse, Resident and Vacant for sale in
The month with it of any appeal to be for a party head for the control of the con	none the less attention from the fact that this year he almost alone has the floor, after the manner customary at the annual meetings of	Mr. Butterworth Undeceived.  According to his senior Toronto organ, Congressman Butterworth has formed one	should have the medal. Against both of these the cashier sets up his dictum that the irate subscriber who calls to stop the paper and is confronted, with The World's hull dog de-	still another night for literary exercises. Why doesn't he buy the Arabian Nights? There are a thousand of them, full of entertaining debates.	AND AND PRINTED THE WAY AND THE WAY AND THE STREET OF THE
whereas made if only foreign trade or more designed to the control of the plants of first first particular to the control of the plants of first first particular to the control of the plants of first first particular to the plants of first pa	of his remarks which is of most general inter- est, and for something like a leading idea to suit the time, we find it in his presentment of the real importance to the country of its own	agents are at present promoting in this country, and that is that his invasion of this country upon her natal day, when none are supposed to be for a party but all for the	ever, The World is satisfied that it don't know much about perpetual motion. The great object of giving all the news for a cent has compelled us heretofore to refrain from tread-	farmers of that district get as good a price for their cheese as can be got in New York. Mr. Valancy Fuller should make a note of this	King-street Leasehold
which the final properties of the control of the co	undervalue, as if only foreign trade were of any consequence. These words especially we commend to public attention:	taste. This impression is both well founded and creditable to Mr. Butterworth's good sense. It is not at all	concern in the mechanical direction being that the press shall print a good impression.  When it comes to asking what has been in- vented in that line we are of course perfectly	agents for the British fire companies, the Norwich	Davenport-road
And the state of the content of the	with the United States and England is large, but the internal trade between the various provinces is very large also. The bonds of trade connection between the Maritime Prov-	such an occasion; we do not believe that anybody would cry "throw him out, rur him out, kick him out," as The Globe	pared a report on the subject. He states that perpetual motion in mechanics means a machine which when set in motion would con- tinue to move without the aid of external	<b>144</b>	Rathnelly Estate, Vacant
seeding that we have adjusted in two seasons and the contraction of the contract of the contra	are close. These two central provinces, in fact, have intimate trade relations with all parts of the Dominion, from the Atlantic to the Paolific, to the mutual advantage of all, though the natural productions of all our provinces find their heat market in freedom parts.	which resulted so disastrously for itself and its friends; but such a visit, for such a pur- pose, upon such an occasion, particularly at a	its parts become deranged or worn out. The first known attempt at this kind of thing was made by Wilars de Honecourt, an architect, in the 15th century, and a sketch of his machine is still in existence in the Ecule des	DEPARTMENT OF INLAND REVENUE.  OTTAWA, MARCH \$1ST, 1887.	Macpherson-avenue, Vacant, 3 sales       " 12,000         Rathnelly Estate, Vacant       " 8,200         Rathnelly Estate,       " 1,250         Rathnelly Estate,       " 900         Rathnelly Estate,       " 600
semigrate featured vectors respecting the way according to the production of the pro	basis, with prospective advantages for both	Congressman Butterworth can easily under stand why such feelings might be aroused.	wheel with movable weights which, by reason of their mode of attachment, take a position further from the centre of motion when descending than when ascending.	porters and vendors of varnishes that, under the Weights and Measures Act, 49 Vic., Chap. 104 the sale by other than the Dominion Stand-	Total of sales for 51 months, 1897over \$525,000
been as necessary shown an encommon development during the large weights and the would be furnished an encommon development of the companies of the production of the companies	whole of our trade and productions were available. It would be interesting to know, not only what we export, but what the whole Dominion produces, from its farms,	Day is to him and his compatriots. It is "the day we celebrate" above all other days. It arouses neither sectarian nor racial ani- mosities—it recalls no bloody or painful	thereto it is believed by eating a sausage of that name, made a somewhat similar wheel and he was followed later on by the Mar- quis of Worcester, but the latter is now	E. MIALL.	Our properties offer for purchasers sure investments in Warehouses. Bargains in Residences. Quick profits in Vacant Properties. In the purchase of Rathnelly and
various parts, and that our only chance for commercial prosperity lies in throwing in our lot with the neighboring Republic. He tells at stracism of Canadians in the United States is large, the internal trade amongst the provinces is very large also. This reminder of the importance of our home-trade is a timely one from Mri. Hague, and it ought to be heeded. Nor need we ponder either very long or very deeply over it before seeing that it has an effective bearing on the question of reciprocity, now so much debated these days.  In mentioning reciprocity directly, Mr. Hague says that it was found beneficial in time before and would no doubt be for the advantage of both parties now. But he is evidently of opinion that it is by no means as the summer of the internal trade amongs the provinces is very long or contracted a perpetual motion machine, but the case to Congressman Butter-work and the United States of America and desewhere, the internal trade amongst the provinces is very large also. This reminder of the importance of our home-trade is a timely one from Mri. Hague, and it ought to be heeded. Nor need we ponder either very long or very deeply over it before seeing that it has an effective bearing on the question of reciprocity, now so much debated these days.  In mentioning reciprocity directly, Mr. Hague says that it was found beneficial in time before and would no doubt be for the advantage of both parties now. But he is evidently of opinion that it is by no means as the very decreased by recent events in content and the United States. Allow allows on the last day of the United States of America and deslewhers. We submit the case to Congressman Butter-work and other particular days in the yeast to provide a declar that it is a timely one from Mri. And the United States of America and deslewhers, the has never yet to be a discovered to the internal trade amongst the provinces is very long or exporting the same of the whole and the United States of America and deslewhers. He has never yet to provide a declar	ing to know how much we manufacture in cotton and woolens; what is the production of any foundries and implement works, together	sacred from political strife. Upon that day men of every political school in Canada may be heard speaking from the same platforms, in the same strain and upon the same	the noble lord's sauce, which he successfully perpetrated about that time. Orffyreus (our	Act," chap. 119, R.S.C., letters patent have been issued under the Great Seal of the Do-	pleased. An inspection of either the above guarantees
various parts, and that our only chance for commercial prosperity lies in throwing in our lot with the neighboring Republic. He tells at stracism of Canadians in the United States is large, the internal trade amongst the provinces is very large also. This reminder of the importance of our home-trade is a timely one from Mri. Hague, and it ought to be heeded. Nor need we ponder either very long or very deeply over it before seeing that it has an effective bearing on the question of reciprocity, now so much debated these days.  In mentioning reciprocity directly, Mr. Hague says that it was found beneficial in time before and would no doubt be for the advantage of both parties now. But he is evidently of opinion that it is by no means as the summer of the internal trade amongs the provinces is very long or contracted a perpetual motion machine, but the case to Congressman Butter-work and the United States of America and desewhere, the internal trade amongst the provinces is very large also. This reminder of the importance of our home-trade is a timely one from Mri. Hague, and it ought to be heeded. Nor need we ponder either very long or very deeply over it before seeing that it has an effective bearing on the question of reciprocity, now so much debated these days.  In mentioning reciprocity directly, Mr. Hague says that it was found beneficial in time before and would no doubt be for the advantage of both parties now. But he is evidently of opinion that it is by no means as the very decreased by recent events in content and the United States. Allow allows on the last day of the United States of America and deslewhers. We submit the case to Congressman Butter-work and other particular days in the yeast to provide a declar that it is a timely one from Mri. And the United States of America and deslewhers, the has never yet to be a discovered to the internal trade amongst the provinces is very long or exporting the same of the whole and the United States of America and deslewhers. He has never yet to provide a declar	that there are those amongst us who, not at all from sound business reasons, but through the influence of political motives, are con- vinced that this fine country is actually with-	prosperity of the present, the grandeur of our national future. The foreigner who should, upon such an occasion, introduce an issue upon which Canadians are divided would rightly be recarded as an introduce and inter-	name) made quite a stir in the 18th century with another wheel that was to run forever and didn't run at all, and ever since that time the perpetual motion mania has raged with greater or lesser virulence according to the	Duncan Charles Plumb; of the Town of Niagara, gentleman: Dow Clark, of Spear Fish, Dakota Territory, in the United States of America, stockman; and Herbert Carlyld Hammond, of the City of Toronto, stock broker, for the following purposes, viz.: 1, (a) To carry on the business of ranching.	of Rathnelly Lots.  Our List contains nothing but bargains in all the classes of properties which we offer.
harge also. This reminder of the importance of our home trade is a timely one from Mr. Hague, and it ought to be heeded. Nor need we ponder either very long or very deeply over it before seeing that it has an effective bearing on the question of reciprocity, now so much debated these days.  In mentioning reciprocity directly, Mr. Hague says that it was found beneficial in time before and would no doubt be for the advantage of both parties now. But he is evidently of opinion that it is by no means as dealing in the provision of the trade of the importance of the im	various parts, and that our only chance for commercial prosperity lies in throwing in our lot with the neighboring Republic. He tells that while the country's trade with Eng-	1 11 D BUOMITE SHO CARO SO CONSTESSMENT DIESCE	There is a man down in Cobourg, our mechanical superintendent says, who has constructed a perpetual motion machine, but the Cobourg man is wiser than some others. He	ing, importing, exporting, selling and dealing in cattle, horses, sheep, pigs, and other live stock in the Northwest Territories of Canada and other parts of British North America and in the United States of America and elsewhere. (b) To carry on the business of canning or preserving meats by any method and for the	ti.
so much debated these days.  In mentioning reciprocity directly, Mr.  Hague says that it was found beneticial in time before and would no doubt be for the advantage of both parties now. But he is evidently of opinion that it is by no means as leth him conceive Sir John the limits or any time before and would no doubt be for the advantage of both parties now. But he is evidently of opinion that it is by no means as Leth him conceive Sir John denouncing that policy as a ruin-ous and impoverishing failure, which has rendered the Union a pensioner upon the bounty and the forbearance of her neighbors.  A Dutchman up in Waterloo County and develop the same in the Northwest Torritories of Canada or elsewhere within the Dominion and in the United States of America, and work	internal trade amongst the provinces is very large also. This reminder of the importance of our home trade is a timely one from Mr. Hague, and it ought to be heeded. Nor need we ponder either very long or very deeply	the last day of all the days in the year to provoke a political controversy? Let him picture to himself Sir John A. Macdonald going over to Cincinnati upon the Fourth of July for the avowed purpose of introducing, from an		purpose to erect any necessary buildings or	REAL ESTATE BROKERS,
dently of opinion that it is by no means as Let him imagine Sir John telling his Cincin-	bearing on the question of reciprocity, now so much debated these days.  In mentioning reciprocity directly, Mr.  Hague says that it was found beneficial in	upon the trade policy of the United States. Let him conceive Sir John denouncing that policy as a ruin- ous and impoverishing failure, which has	made the spokes of the wheel hollow, enclosing iron balls therein. These hollow tubes were crooked, so that when the ascent was made they would run back to the hub and when the descent came they would run out to the tire. His machine worked every hit as	utensils and general supplies or other mer- chandise.  (d) To acquire by purchase, lease, location, license or otherwise, coal mines, coal and wood lands, town or city properties, farming, graz- ing and ranching lands, timber limits or any part thereof, or any rights or privileges apper-	Appearance of the second of th
mecessary for Canada nows it might have been them. 'Canada does not need to supplicate for it." We should say she does not, indeed.  Mr. Harve next touches on our lack of star imagination with such an effort lat him count on the motion, but it only succeeded in giving the constant of the count of the whole of the shares of the whole of the shares of the whole of the shares of the whole of the share of the whole of the shares of the whole of the whole of the shares of the whole of the whole of the whole of the shares of the whole of the shares of the whole of the shares of the whole of	vantage of both parties now. But he is evidently of opinion that it is by no means as necessary for Canada now as it might have been then. "Canada does not need to supplicate	bounty and the forbearance of her neighbors. Let him imagine Sir John telling his Cincinnati audience that their only hope of salvation lay in accepting the Canadian tariff. After Congressman Butterworth has tried his	A Dutchman up in Waterloo County a couple of years ago made a water wheel to drive a pump, the pump to raise the water to run the wheel. This was to give pepetual	and in the United States of America, and work and develop the same.  (e) To purchase or acquire the charter or business of undertaking, or acquire or hold any or the whole of the shares of any company wherevery downled harders are the company	

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