PAGE FOUR

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## THE JOURNAL OF COMMERCE, SATURDAY, SEPTEMBER 19, 1914

THE Journal of Commerce Published Daily by The Journal of Commerce Publishing Company, Limited,

SON. W. S. FIELDING, President and Editorin-Chi

The Zinc Industry and the War ucers of zinc and tin. Germany has been

a very large producer of zinc, her furnaces turning out last year no less than 178,522 short tons. Bel-Toronto - O. A. Harper, 64-66 Lombard Street, Telephone Main 7099. glum is an even greater producer, producing 217,829 short tons last year. Great Britain turned out 65,197 short tons, while France produced 60,000 short tons. Altogether, the warring nations of Europe produced

720,651 short tons of zinc in 1913. year the United States produced 346,675 short tons.

MONTREAL, SATURDAY, SEPTEMBER 19, 1914. Zinc is used very largely in the manufacture of white paint and in still larger quantities for the protection of iron against erosion in galvanizing Wanted-Private Soldiers

processes. It is a constituent part of brass, and is of Lords, and under his responsibility as Secretary of State for War, again warns the Empire that the give a big impetus to the zinc industry in the United war upon which it has entered may be a long and States and Canada.

hard one, requiring many great sacrifices, and that it demands the service of much larger bodies of men Artillery in War For the moment all goes as well as could be

hoped for. All parts of the Empire are heartily From all reports, the German artillery has played Indication of the origination of the original formation of the origina 170,000 men already associated with the French and tory is a marvellous establishment, and has been Belgian forces on the Continent has exhibited all the traditional British courage and has been direct-ed under superb generalship. The German plan to crush Belgium and France in the first days of the war has been frustrated. Our Russian Allies have broken the power of the Austrian army and have broken the power of the Austrian army and the war towards Berlin. This is a Belgian forces on the Continent has exhibited all able to turn out most effective and destructive armoving steadily on towards Berlin. This is a a distance of six miles. These guns, however, can splendid record for the six weeks during which only be fired twenty times, but the damage they the war has been waged. Gratifying all this is na-turally; but it is only the beginning. Many weeks The big Krupp factory at Essen, which manuand months may pass before we shall see the only factures the big guns, is one of the largest and most ending that the war can have-the defeat of the comprehensive manufacturing plants in the world. erman militarism and the triumph of the forces of The plant consists of sixty-five departments, and a true civilization. To accomplish this purpose there will be need of more soldiers of the Empire. Can-procurable, from the big steam hammer "Fritz," ada must supply a share of the additional number which has a falling weight of fifty tons, and yet

required. More men are needed—especially more can descend so lightly as to crack a nut without injuring the kernel, to the five thousand ton hy-It is announced that there are over one thousand draulic press which shapes eighty tons of crucible superfluous commissioned officers in the camp of steel as easily as tinfoil. Every type of gun is the Canadian volunteers at Valcartier. There are one thousand seven hundred officers in the camp, supposed to be Germany's best type of artillery. while only seven hundred are needed. One thous-To show some of the progress made in the manu and of these volunteers must, therefore, return to facture of big guns, it is only necessary to point their homes—unless they are prepared to take places in the ranks. Unit of the shrapped shells used by the Russians

places in the ranks. It takes some courage for a young Canadian, oc-cupying a comfortable position in life, to enter the cupying a comfortable position in life, to enter the cupying a comfortable position in life, to enter the cupying a comfortable position in life, to enter the cupying a comfortable position in life, to enter the cupying a comfortable position in life, to enter the cupying a comfortable position in life, to enter the cupying a comfortable position in life, to enter the cupying a cup ranks as a private soldier. There will have to be more of that courage if we are to provide a second hundred yards in every direction from the point Irish raskil, an' put yer hat on! Shure, if ye hadn't contingent of the right character for service in the it strikes. war. Every man who volunteers for the front as The British field piece in use is the Armstrong

sumes a responsibility and risk. But there are de gun, which is giving a very satisfactory account of grees of burdens. The commissioned officer, who by the provision that is made for his comfort. Af ter the best that is possible is done for the private, has a range of more than five miles, and hurls a in camp or on the march, he has to perform his three-inch projectile. The Russian and Austrian service under rough conditions, which are in them-service under rough conditions, which are in them-armies are using Krupp guns. The present fight-selves a hardship to many. He is thrown into close association with many men of a type quite different from those among whom he has been ac customed to mix. Luxury, if unfortunately he had it before, no longer serves him. The ordinary com- be to determine which of the many guns used by forts and refinements of his home are not to be to determine which of the many guns use found. Rough work and hard work, poor accom-

modation, severe discipline, plain food roughly served-these are what the private soldier must The Utilization of By-Products

served—these are want expect. Not every young Canadian will find the pic-ture attractive. Many a man, whose courage in battle would be beyond question, will hesitate be-fore making the sacrifice of comfort, and perhaps social position, that is necessary when he takes his blace in the ranks as a private soldier. At a time like the present, when the wasteru-ness of war is being impressed upon the public, it is a good time to emphasize the need of economy. As a nation, we are prodigal with our resources. We have become so accustomed to hearing of our we have become so accustomed to hearing of our vast min-

There class distinctions are many and the extent of our water powers and our vast minsharp. It is hard for the members of the so-called eral resources that we have come to the conclusion classes to enter into the ranks with those that it is not necessary for us to save. In Europe, om they regard as their social inferiors. The where the people have been forced for centuries slowness of these classes to respond to the call for to practice economy, every bit of arable land is recruits has been the subject of much comment. filled, forests are not ruthlessly cut down or de The difficulties in the way are frankly recognized. stroyed, water powers are conserved and the min-

It is no discredit to a man that he dislikes an en- eral resources of the various countries are utilized forced association with men of a less refined type. But the sacrifice, if such it is deemed, must be There are signs, however, that a change is comgenerals of the mother ing over the people of this cont nt. On o country are calling on the young men to quit the greatest achievements during recent years has been fields of golf, and cricket and football, and enter the utilization of waste or by-products. The adthe ranks alongside of those who, if they have had vent of the chemist and of the expert brought about less opportunity to cultivate the refinements of life, economies which have in many cases revolutioniz-are bravely ready to give their services, and if ed entire industries. At one time in the packing

ing the United Kingdom, and indeed the Empire at couple of million of the allied army, the Kaiser will see with worder what has happened. ing the United Kingdom, and indeed the Empire at large, is a convenience that has been widely used, and might be pardoned in most cases. No Brit isher who so uses the word ever forgets that among the best parts of that "England" are Scotland and Ireland. But can we imagine Nelson's signal at Trafalgar reading: "The United Kingdom of Great Britain and Ireland, and the Overseas Dominions and India expect every man to do his duty?"

The Zinc Industry and the War The warring nations of Europe are the world's treat producers of zine and tin. Germany has been treat producers of zine and tin . The treat producers of zine producers of zine p rights," but "the sign of moderation, uncertainty and justice," the civilized world, remem-bering the unutterable barbarities of the Bel-bering the unutterable barbarities arimity.

The use of dum-dum bullets, which the Germans have been charged with using, was forbidden by a ily Europe produced During the same 46,675 short tons. Congress of the Powers in 1907. Germany herself signed the agreement not to use these builtets. The name Dum-Dum comes from the name of the aryear the United States produced stores from Europe leaves the The shutting off of supplies from Europe leaves the senal in India where ammunition for the Indian The shutting off of supplies from Europe leaves the United States as the world's chief supply. Canada imports zinc slabs in sheets amounting to 9,810 short tons, while our imports of galvanized wire in sheets amount to 79,792 short tons. Canada ex-sheets amount to 79,792 short tons to the United highways. He is also president of the Ottawa and ports the major portion of her zinc ore to the United protest arose against it that its use was discon-

A SEVERE INDICTMENT.

lumbering concern is about the largest of any com Christianity listens to Sunday prayers for peace; pany in the Dominion. and the next day sends out representatives to the also used in sheeting, as well as a medicine. As a result of the European supply being cut off it will powers to see if anything more can be sold to them to prolong the way that the result of the the the second s Edwards is best known to the world. During the to prolong the war. We pray that the sword shall to protong the war. We pray that the sword shall often made that "Senator Edwards was the only Si-the pruning hook. But that day will not come so long

as a merchant vessel in our harbor can be loaded to the gunwales with arms, ammunition and military stores, and given clearance papers to a port of country at war .-- Wall Street Journa

\* "A LITTLE NONSENSE

NOW AND THEN"

The Ameriacn drygoods dealer who advertise "Bathing suits, one fifth off," ought to be arrested for indecency.--Calgary News-Telegram.

Women police, perhaps; but how about "plain

Still, Jop's patience wasn't taxed to the limit if his ext door neighbor didn't own a \$1.98 phonograph

The Kaiser has taught Germany how to prey .---farther in the matter of Free Trade than the rest Hamilton Herald. of his Party.

is going to Berlin if it takes his last Moujik and King George doesn't care a Sikh or a Ghoorkah if he does.----Boston Transcript.

"I am going to sell kisses at the charity fair. You'll buy some, won't you?" "I guess so," said the young man. "Are you dis-

got one ye'd always be wearin' it, ye're that contrairy!-Philadelphia Record.

How is it you pay your chauffeur so much? It seems more than it really is. You see, he has o pay his own fines.—Pittsburgh Press.

now.-Kingston Standard.

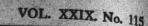
Somebody said to Jamie McJames one day: "I trust

u don't spend all your wages." "That I don't," Jamie replied. "I only spend two- He has hosts of friends in business, in politics and in Two-thirds is all." irds. Two-thirds is all, "And the other third-you bank that, I suppose?" as the conservation of our resources, and the good

"And the other third—you bank that, I suppose: "And the other tail of our resources, and the good roads movement. He is a fine type of the old school. He was born at Clarence, Ontario, in 1844. She was a widow and had buried three husbands. and his mother Highland Scotch. He has all the

She was a widow and nad oursed three nussands. If and enthusiasm of the Ceitle race, but in addi-it ton, their warm heartedness and generosity. marked attention in years gone by. After contemplating them in mournful silence for a time sh turned to her companion and sighed: "Shure, Pat, me ould love, you might have been in that row now if you had only had a little more courage."

A certain small boy had lived all his life in ho-men was sought. A large number of these men "How much, in your judg--grown shade tre used and puzzled.





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 Total Assets
 over 80,000,000

 John Galt,
 President.

 G. H. Belfour,
 General Manager.

 H. B. Shaw,
 Assist. Gen. Manager.

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ada extending from Halifax to Prince Rupert, offers excellent facilities for the transaction every description of banking business.

Travellers' Cheques and Letters of Credit is syed payable all over the world. Collections made in all parts of the Dominion, and returns promptly remitted at lowest rate of exchange

London, Eng., Branch, 6 Princes Street. F. W. Ashe, Manager.

West End Branch, Haymarket, S.W. G. M. C. Hart Smith, Acting Manager. Corre ondence Solicited

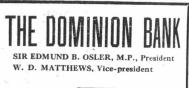


share, being at the rate of eight per cent. per annum, will be paid, less Income Tax, on the 3rd day of October next, to the proprietors of shares registered in the Dominion of Canada

The Dividend will be payable at the rate of ting from 12 per cent. to 11 per cent. exchange current on the 3rd day of October next to be fixed by the Managers. No transfers can be made between the 19th Gas Co., and Citizens Gas Co. of Quincy for year en

inst. and the 2nd prox., inclusive, as the books must be closed during that period. By order of the Court.

> JACKSON DODDS. Secretary.



C. A. BOGERT, General Manager

# **Trust Funds Should Be** Deposited

in a Savings Account in The Dominion Bank Such funds are safely protected and earn in terest at highest current rates.

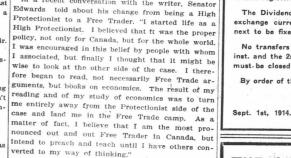
each transaction may be noted on the chee

issued, which in turn becomes a receipt

voucher when cancelled by the bank.

According to the bulletin of the Massachusett Forestry Association, to determine the value of shad

20X



t is undoubtedly true that he is prepared to go much

conversation with the writer, Senato

In a recent

IN THE LIMELIGHT

heart of this prominent business man. He is keenly

the lumbering industry. It was there that the fam

Canada Cement Company, which in turn has inter-

ested him in the good roads question, and the par

that cement may yet play in improving the rural

Hull Power and Manufacturing Company, a direct

ommerce, the Toronto

tor of the Canadian Bank of C

fortune was made, and it is only natural that

an. senator

A Series of Short Sketches of Pro

apostle, briefly sums

The man who assumes that Senator Edwards has The Germans are certainly giving the Allies a good only hazy and confused ideas on the Free Trade run for their money. They are running all the time question had better revise his data at the earliest possible moment. The Senator has thought his way through all the economic problems associated with We do not object to the Kalser's new title "Wil- Free Trade and Protection, and an opponent must liam the Greatest" provided that we are allowed to finish the sentence.—Manitoba Free Press. The Senator, however is for from in an argument

The Senator, however, is far from being a comba tive, pugnacious individual. It is true that he holds convictions, but he is one of the most approachable and most genial men in public life in Canada to-day. the big movements in which he is interested, such ovement. He is a fine type of the old

and is of Celtic extraction, his father being Welsh

#### VALUE OF A SHADE TREE

trees on streets, the advice of practical real estate



When payments are made, particulars

Bradstreet's say there is brighter things to co mercial and fing ial affairs this week



HAS FOUR SUBSIDIARIES nt Fiscal Year Started Very Favourably

July Net Earnings Showing Largest Increase For Any Month Since March, 1913. (Special to The Journal of Comn

Boston, September 19.-The combined net ear of the four gas subsidiaries of Massachusetts of the lour gas substituties of massacruserts Cos. for year ended June 30 last, were \$1,400,975, w was practically sufficient to pay the full 4% per c

was practically sufficient to pay the tur way per ( interest on \$9,500,000 bonds and the 4 per cent, c dend on the \$25,000,000 preferred stock of the h ing company. The net earnings of the other four subsidiarles

ew England Gas & Coke Co., the coal mining, ting and tow boat companies, were \$1,073 and there was in addition about \$450,000 received holding company as interest on notes, etc., m ing a total, less item of general expense, of about 425.000 available for Massachusetts Gas comp shares equivalent to 5.7 per cent. on that issue.

During the year \$214,027 was charged off by ral subsidiaries for depreciation and reserve ounts, which, if regarded as diverted profits, ma the total net earnings, available for common divide the total net earnings, available for common divide over \$1,625,000. equal to 6½ per cent, which is s stantially the same figure as shown for previous y Smallest in Three Years.

The returns of the gas subsidiaries just filed v the State Gas Commission present figures of oper tions which will be submitted to the stockholders the Massachusetts Gas Cos. at the annual meet

idation of these earnings statements she that the four gas companies-Boston, East Bos Quincy and Newton-in the fiscal year ended J 30 last showed gross earnings of \$6,026,537, a new h ord, and an increase of \$336,895, or nearly 6 cent. over previous year.

Net earnings on the other hand were the small three years, namely, \$1,561,471, a decrease of \$1 in three years, namely view with the 1912-13 fig-104, or 9 per cent., compared with the 1912-13 fig-the falling off in profits being due principally to

The Quincy Company made the best showing amo gas subsidiaries in the past year, being the maintain its dividend rate, the Bos ompany to To, reducing from 9 per cent. to 8 per cent., New rom 11 per cent. to 9 per cent., and East Boston of

lows:

Other income .. 29,509

Interest . . 190,005

Surplus .. 58,207

tot look with ear

Compared With Other Years.

June 30 last compares with previous years as

Gross . ...\$6.026.537 \$5,689,642 \$5,171,879 \$4,795 Op. exp. . . 4,465,066 3,961,067 3,566,176 3,272

Net. ... 1,561,471 1,728,575 1,605,703 1.523

21,107

152,837

85,881

The Massachusetts Gas Cos, started the present f

al year very favorably with July net earnings sho

ing the largest increase-10.47 per cent.-for a month since March, 1913, and August operati

NOT "CATSPAW."

The American people have never placed the do

above principle, and never will. They have a cl understanding of the issues underlying this confli of their deep significance to the world. And if th

of the United States permitting itself to be ma

catspaw" for anybody's diplomacy, seeking, in

real and lasting. -New York Herald.

name of a fictitious peace, to prevent a peace th

ne spectacle above all others upon which they v

uanimity it is that of the governm

put made an unusually large gain last month.

hould also make a good showing, as the gas o

Total net., 1,590,980 1,749,682 1,620,839 1,537,

Balance . . 1,400,975 1,596,845 1,501,815 1,452

1914.

Dividends . 1,342,768 1,510,964

1913.

solidated earnings statement of the Bos onsolidated Gas Co., East Boston Gas Co., New

1912.

15.136

119,024

1,497,479 1505

4,336 def 52.

191

14

85

necessary their lives to the Empire. A similar call has to be made in Canada. Here, happily, there is less of the barrier to be broken down. Here class distinctions count for less than in the old world. Our democratic institutions being the steer was the actual carcase, the rest being thrown aside as waste. To-day all that is lost in packing deensed by barrown and the barrier to be broken in the old world. Our democratic institutions being in the old world. Our democratic institutions bring the young men together in friendly intercourse to packers. In the cotton industry, it was once the a larger extent than in the United Kingdom. Still, practice to discard the seeds and other so-called even here, there will be some natural unwillingness waste products. Now the cotton seed contributes to join the ranks which call for so much self-denial. fifty million dollars a year to the people's pockets Hundreds who would cheerfully serve in the higher positions will hesitate before taking their places practiced, we still discard about two-thirds of the positions win nestate setore taking their places practiced, we still discard about two-thirds of the in the ranks. That unwillingness must be over-come. All cannot be officers. All have not had the streams, saturd, are burned or the training to qualify for commissions. And, as before pointed out, there are already more than enough commissioned officers. Those who wish to serve the Empire must be willing to serve in the discovered a new use for sawdust, which makes it is the discovered a new use for sawdust which makes it. serve the Empire must be willing to serve in the discovered a new use for sawdust, which makes it serve the hupper must be writing to serve in the discovered a new use for sawdust, which makes it ranks. What will be most needed when the fur-worth forty dollars a ton. Such discoveries are ther call for men is made is a class of young men going on all the time, each fresh discovery adding position who will cheerfully leave the homes fort and refinement, and take their places in tion. There is room, however, for the practice of something to the wealth and happiness of the nathe ranks as private soldiers. Our young men of great deal more economy than is practiced by the majority of our corporations.

### "England"

#### We have been waiting for somebody to remark that Von Kluck would shortly be clucking for aid. but have been forced to make the break ourselves.

The Toronto Globe chides Mr. Ames, M.P., for speaking of the war between "England and Ger many." If one did not already know it, this would tell us that the editor of the Globe is a Scotchman it is the Scotchman who is particularly sensitive in the matter. The Irishman has the same right to complain; but seldom exercises his right. The use of the world "England," in song and story, as mean

#### BELGIUM'S FAMOUS ANTHEM.

Fled the years of servile shame Belgium, 'tis thine hour at last. Wear again thy glorious name Spread thy banner on the blast Sovereign people in thy might, Steadfast yet and valiant be On thine ancient standard write: King, and Law, and Liberty,

Strive, nor seek discharge at length, Hold thy courage as thy crown God, who keeps thee in His strength, On thy labors smileth down. Over all thy fruitful land Labor's prize is full and free, On thine arts enthrough stand, King, and Law, and Liberty.

Foes, that were our friends of old. Are returned to love at last. All the free we prize as gold. Praying that our strife be past. elgians and Batavians, friends, Knit in brotherhood shall be: With one voice the she ascends: King, and Law, and Liberty.

Belgium, Mother, thus we vow, Never shall our love abate Thou our hope, our safety thou, Hearts and blood are consecrate. Grave, we pray, upon thy shield This device eternally, Weal or woe, at home, afield, King, and Law, and Libe

prove the value of the adjoining land for house lots?" The options of general policies and the amused and puzzied. "What pleases you, my son, and what have you been doing?" asked hi smother. "ON I was just sitting on the front porch listenuse lot would be worth one hundred per cent more periods or lifetime ought to appeal strongly to all

"On, I was just sitting on the riot poter lister of the standard of the intervention of thought the standard of the standard of thought the standard o A fair average of these answers falls between ties of investing money for support are inc twenty-five and forty per cent. Expert tree appraisers say that a shade tree in good condition and ment of a specified amount each year or each month well placed is worth \$1 per square inch of cross-sec-tion measured at breast height. At that rate a tree amount equivalent to the return on an investment feet in diameter is worth \$113, while a tree two in a gilt-edge security, is of unusual value in an interstance of in a gilt-edge security, is of unusual value in an interstance of the sake of ii- emergency that tests to the full the strongest of interstance of the sake of ii- emergency in a situation suppose that we take a good-sized house financiay institutions.—Insurance Press. lot, 50 x 100 feet, or 5,000 square feet, worth 25 cents

The land value is \$1,250. If the trees are spaced 50 feet apart on the stree there would be one

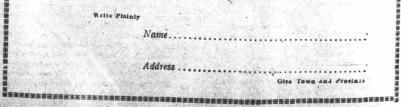


spaced 50 feet apart on the stree there would be one While British 's soldiers are chasing the enem tree in front of the property. The tree is two feet British merchants and manufacturers are doing the n diameter and worth \$452, which would increase the part toward obtaining the victory by chasing the envalue of the lot thirty-six per cent. emy's trade .- Toronto Globe

整整整整的水子的现在形式的外生化的水水和水水水水水水水和用的用的水和水和水和和水和和香油和用的水和有有有的水水的有有有有不不不不不可 图 图

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SEALED TENDERS addressed to the undersign rsed "Tender for Electric Passenger a Freight Elevators, Examining Warehouse, Montre Que," will be received at this office until 4.00 p. m Wednesday, October 7, 1914, for the installation Two (2) standard passenger and Six (6) stands freight elevators, in the Examining Warehou fontreal, Que.

Plans, specifications and form or contract can and forms of tender obtained on application his Department and at the office of Mr. R. L. D. hamps, Supt. Public Buildings, Montreal ,Que.

Persons tendering are notified that tenders v considered unless made on the printed for upplied, and signed with their actual signatur stating their occupations and places of residence. case of firms, the actual signature, the nature e occupation and place of residence of each me ber of the firm must be given.

Each tender must be accompanied by an accept heque on a chartered bank, payable to the order the Honourable the Minister of Public Works, equ to ten per cent. (10 p.c.) of the amount of the tend hich will be forfeited if the person tendering d ine to enter into a contract when called upon to so or fail to complete the work contracted for. the tender be not accepted, the cheque will be i

The Department does not bind itself to accept t owest or any tender.

By order.

R. C. DESROCHERS, Secretary nent of Public Works,

Ottawa, September 16, 1914.

spapers will not be paid for this advertise if they insert it without authority from the Depa