VOL. XXIX. No. 112

usten and Incandescent Lamp Ind-

ustry in Canada Will Benefit

Through War Conditions

OPERATIONS RESUMED

Hamilton, Although Closed When

stried, Opened Actively One Month Earlier
Than Due—Staff Working Several Nights

ds will benefit through the industrial condi-

ns of tungsten and incandescent lamps from

ntal Europe into Canada, and these impor-

ns will be greatly curtailed, if not completely

of, as a result of the war. This will result-

ed has resulted already-in greatly increased de-

One Month Ahead.

staff has bee

ons created by the war. There have een large im-

and incandescent lamp industry

Canadian manufacturers of thes

broke out the plant of the Canadian co., mited, at Hamilton, shut maner. Under ordinary conditions

e been resumed until Sep

of the war the plant was put

operations were re-commenced

mil loyed several nights a week in

the plant is 75 per cent. great

nermal conditions would have

need on July 28 after the usual

thirty-day summer shut down. This plant has been

There are technical difficulties in the way of op-

ating a double shift in a tungsten of incandescen

takes a new employe some considerable time to

PARIS WHEAT.

ents, up 1 1/8 cents.

Paris, September 16.—Spot wheat closed 1.44%

erated ever sine at full capacity, and plans are

last year's output.

three weeks, were refused

15-a month ahead of the

ditions, it is not sufficient

Recently three large

Per Week to Meet Demand.

DME MINES OUTPUT

of the gold produced was \$90,893, and of the gold produced was \$90,893, and was 20,170, the average value of the ore which compares with \$4.19 in July and

		. Value	Valu
WEST TO	Tons	Gold-	
1	Milled, P	roduced	Per
	11,150	\$ 75,958	Ton.
** ****	10,720	67,660	\$6.8
	10,790	70,135	6.3
	12,370	118,000	6.5
	13,820	121,150	9.5
	13,470	106,904	7.9
ST PARTY SOUTH		.1	1.0
	13,900	111,500	80

. 14,770 16,180 18,250 6.59 3.83 62,109 83,421 4.51 4.19 19,780 82,984 90,893 States produced last year 60.9 per cent. cotton; India, 17.1 per cent.; Egypt, 6.6 na, 5.4 per cent.; Russia, 4.5 per cent.;

cent., and all other countries, 3.6 per

6.624.680 6.711,730 84.581.826 66.603.877 7.3174.75 9.533.972 67.340.895 75.376.168 ,005,587 6,231,030 38,565,849 31,772,249 ,947,742,22,476,732 190,488,570 173,752,394 principal purposes for which the funds d are shown in the following table:

July First 7 months.
4. 1913. 1914 1912 1914. 1914 ,825,000£ 3,517,000£ 73,050,165 £47,910.031 635,876 1,245,855 21,470,490 052,250 7,765,000 *40,870,075 +51,812,120 13,3 21,378 ,669,405 4,349,128 14,457,652 558,600 334, 043 2.8 37.01 159.095 8,053,183 676,407 3.75 9 .770 4.8 30,971 687,812 287,634 2,651,438 364,483 3,064.709 182,644 665,589 1,027,169 5,963,500 2,799,193 121,125 725,000 657,200

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EXHAUSTIVELY DESCRIBED.

Published semi-monthly by THE INDUSTRIAL & EQUICATIONAL PRESS, LIMITED 35-45 ST. ALEXANDER STREET, MONTREAL, CANADA

THOROUGHLY GOVERS THE MOST RAPIDLY EXPAND-

ING INDUSTRY IN CANADA AT THE PRESENT TIME,

viz.: THE PULP AND PAPER INDUSTRY. NEW PRO-

The Ideal Advertising Medium for Firms Desiring to do Business with Canadian Mills

AMERICAN STEEL PRODUCTION IS SHOWING HEAVY DECREASES Cent. Capacity—Some Mills are Running at a
Very Much Lower Percentage—Mofe Hope.
ful Feeling Exists in Steel Circles,

(Exclusive Leased Wire to The Journal of Commerce New York, September 16.-Up to the present the

effect of the war on the steel and iron industry has been a drop of 10 to 15 per cent. in production, Dur-ing the greater part of July and August, the steel cent. of capacity. It was reported at one time that the Steel Corporation was operating 75 per cent, and one independent company operated as high as 100 per cent. for several weeks.

The steel mills of the country at present are not railroads to obtain an adequate increase in freight states, and the war in Europe, which brought about started tentatively in America several times only to any, they

Steel Company is operating about 40 per cent. of capacity. The Maryland Steel Company is idle with the exception of the marine department, which is smelted tin and the United States something like 15. the exception of the marine department, which is smelled tin and the united States Solitonians as well fairly busy. The Bethlehem Steel Company is doing 000,000 pounds a year, and its use is increasing as well and its operations compare (avorably with the asits price. The ore is produced in North America all stored stock has been sold. Prices are stiffening matter. the sixty per cent. mark,

as wire and sheet steel are running around 70 per charges.

Charges.

The opening of the Panama Canal gives the United cause of the difficulty of filling orders already in ment policy of the large insurance, trust, and other financial institutions.

In the Pittsburg district, operations are on a basis amp factory. The work is of a technical nature and of about 60 per eent, and this seems to be the general average in other large steel districts.

The prospetes are that there will be a further re on the Camdian tungsten and incandescent lamp

who believe developments over the last week of two placer mines, the usual thing in other countries, its plants are cutting out colors as much as possible. Prices in Montreal remain about the same them wire. Consumers stocks are low. They have been

out from for Canadian supment are pefore the east.

The recovery abroad would be very slow.

This remarkers. Reports of Buffalo pig iron sold to the recovery abroad would be very slow.

This remarkers are operating less capacity independent.

Merchant blast furnaces are operating less capacity independent. ed by makers in the east. All lines from pig iron to than at any time in years. Production is not running finished steel are extremely dulf in Pittsburg market, much in excess of 15,000 tons a day.

SMELTER REPORT. New York, September 16.—The American Smelt-

Liverpool, September 16.—Wheat opened up 1/2 to 1914:— 1d, Oct. 8s 5d; Dec. 8s 1/2d. Corn off 21/4d., Oct. 5s 7d. Total income, \$6,782,254; increase, \$110,642. eports of the shading of steel bars for prompt deivery to \$1.15 in Pittsburg are heard in the Phila-

Net income, \$5,441,692; decrease, \$107,203. Surplus. \$956,692; decrease, \$61,202. Total surplus, \$19,452,635; increase, \$1,675,338.

Country Has Chance to Handle Much Tin Ore for Smelting--- United States Had Advantage

EUROPE HAD MONOPOLY

etition Strangled America's Early Efforts, Bu She Will Now Be Frier to Ast.—Europe Has Gleaned Enormous Profits From the In-dustry—Carada May Benefit.

operating more than 60 per cent. Some of the in-Canada.

looked for. The Lackawarma Steel Company is op-fixed for the Lackawarma Steel Company is op-half in freight, distance over any other country and illa, fibre and other lines have been withdrawn by expected, will narrow as the situation for the argely to steel rails, which are in very light demand. Bolivia produces nearly one-half of all that is used some manufacturers. The Lackawanna is also a large producer of struc-tural steel, and as is generally known, many build-freely used and more largely produced from year to ing contracts have been held up by the retrench. year. The ten year figures for the world's produc- evidenced by the fact that two big departmental been noted throughout the week. In hardware circ

t	ion illus	trates:-	
	Year		Tons.
	1 880		38,000
	1 890		61,000
	1900		80,000
	1 910	direction of the contraction of the contracti	115,000
	1912		135,000
	Connector	the second color at a first of the second	

There are many prominent steel manufacturers grade of any produced in the world. Instead of papers to those not protected by contract. Many applies principally to ammunition rather than the

THE IRON MARKET.

war. Consumers stocks are low. They have been buying on a hand tomouth best and the leighter buying on a hand tomouth best and the leighter are little a district, 14,000 feet in the substitution of spot quotations instead of contracts.

Take says: Some small inquiries for low phosphore valls that definite peace news would be followed only in the substitution of spot quotations instead of contracts.

Quotations f.o.b. Montreal are:

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Prices in Montreal remain about the same, the only difference being in the substitution of spot quotations instead of contracts.

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Prices in Mon tons in 1912 and has the facilities to produce as much to \$50 per ton for small orders.

Bolivan ore is not smelted at the mines because of local conditions, but it is concentrated so that it to \$60 per ton, for small orders. No. 1 Book, 5½ to 6c per lb. Figures are striking illustrations of the added cost \$4.75 to \$5.50 in small quantities.

New York September 16. The American Smelting and Refining, for six months ended June 30th, cost of production is \$7 a ton. It costs \$46 a ton to \$4.50 in small quantities. cost of production is a non. It costs for the writings, so to 1720.

Carry the concentrated from the mine to the seaport. Sulphite Bond, 61/20 to 81/20. It then goes abroad, is smelted and returned to the United States. The cost per pound of the pig or bar in the United States in 1914 is 39.4 cents in Dad brown, car lots \$2.25. in the cost per pound of the pig or bar in the United States in 1914 is 39.4 cents in Dad brown, car lots \$2.35. 5 tons, \$2.95. pound.

NAVAL STORE MARKET.

New York, September 16.—The market for naval PULP & PAPER stores was firmer in tone, reflecting the more cheer- \$3.30; 1 ton, \$3.40; less, \$3.50. ful feeling in Sayannah. Reports from that centre said that the conference of factors and the Attorney General had been very satisfactory. Business here was more active both for domestic trade and for export. There was a better movement of spirits noted, the supplies being larger with arrivals from the south of \$40 barrels. It was said that the south of \$40 barrels. It was said that the south of \$40 barrels. It was said that the south of \$40 barrels. It was said that the south of \$40 barrels. It was said that the south of \$40 barrels. It was said that the south of \$40 barrels. The was quied. Jobbers and manufacturers are quoting 10 percent off the above prices facturers are showing more interest. Tar was quied on wrapping.

No. 1 Manilla, car lots, \$3.25, 5 tons, \$3.45, 2 tons, \$3.55, 1 ton, \$3.55, stores was numer in tone, reflecting the more cheer- \$3.30; 1 ton, 10.40; 1000, 90.40;
ful feeling in Sayannah. Reports from that centre No. 1 Manilla, car lots, \$3.20.5 tons, \$3.45; 2 tons, the prospect of two to four weeks during which the and steady at the basis of \$6.50 for kiln burned, and 50 cents moref or retort. There were receipts from the south of 233 barrels. Pitch was steady and dull News quality, \$41 to \$42 per ton. at \$4.00. Rosins are more firmly held, with the prim-The Leading Technical Trade still \$3.80. A fair demand from the consuming trade was reported. The following were the prices for rosing in yard:—B, \$3.90 to \$4.00; D, \$3.95 to \$4.00; D,

London, September 16.—Turpentine spirits, 31s 6d. Rosin, American, strained, 9s 6d; fine, 15s.

BOSTON GRAIN SHIPMENTS.

CESSES, NEW MACHINERY AND INVENTIONS ARE THE ENGLISH AND UNITED STATES FIELDS FROM

CD	ECIAL CONTROL UNITED STATES FIELDS FROM	Commerce, Boston:	
LE.	ECIAL CORRESPONDENTS. REPORTS FROM THE ADING PULP AND PAPER MARKETS OF THE WORLD	Wheat Barley Rye Soestdky Rotterdam 102,267 29,950 Numidian Glasgow 17,143 Devonian Liverpool 40,520 17,143	CONTRACTOR CONTRACTOR
Th	ne Ideal Advertising Medium for Firms Desiring		

PRICE AND DATE OF ISSUE NOT DECIDED. New York, September 16.—J. P. Morgan and Com-pany and Kuhn, Loeb and Company, managers of the New York City bond syndicate, state that while the bonds and notes will be offered to the public very should any statements as to price or other de-tails, that may be published are entirely unauthoriz-

Liverpool, September 16.—Later prices show wheat up 1 to 1½ d; Oct. 8s 5½ d; Dec. 8s ½.

Com off 2d; Oct. 5s 1½ d.

Mills Are Also Bus

Any idea that there will be such a shortage of newsprint as to approximate a "famine" is rapidly ssing from the minds of newspaper mar and paper manufacturers alike. Despite the enormous drains on pulp stocks in the period of the war. sulphite, ground wood and newsprint are remaining merely at a good stiff price and not at famine levels. Further Assurances of British Government About six weeks have now elapsed since the stocks on hand and in transit began to be eaten up. In another six weeks, according to the very best author One important business which may be taken up by

Canada and the United States with South America is
the establishment of tin smelters in North America to

News print mills are rushed to one hundred per

another fix weeks, according to the very best authorities, these stocks will be fairly well exhausted, and
the price of sulphite, which is controlling factor
in the present situation, will begin to rise again.

News print mills are rushed to one hundred per

News print mills are rushed to one hundred per

dependent companies are running not much over 40 handle the 25,312 short tons of the orporations of the preparation of them reporting operations not much in excess of 25 per cent. The failure of the continued per continued per continued per continued per continued per cent. The equipment companies are even less fortunate, some of them reporting operations not have done a very great details that the United States are continued victories of the Alhandle the 25,312 short tons of the operations of the properties of the world. To the credit of all Caradian the high seas and the continued victories of the Alhandle the 25,312 short tons of the operations of the world. To the credit of all Caradian the high seas and the continued victories of the Alhandle the 25,312 short tons of the operations of the world. To the credit of all Caradian the high seas and the continued victories of the Alhandle the 25,312 short tons of the operations of the British Government of safety or
quarters of the world. To the credit of all Caradian the high seas and the continued victories of the Alhandle the 25,312 short tons of the operations are even less to the continued of the season of the British Government of safety or
quarters of the world. To the credit of all Caradian the high seas and the continued victories of the Alhandle the 25,312 short tons of the operations are even less to the actual to the continued of the season of the British Government of safety or
continued to the continued to the continued to the continued to the season of the British Government of the world. To the credit of all Caradian the high season of the bight season of the bight season of the bight season of the continued to the con This immensely profitable industry which was of their customers, and what overplus they have if much more fault in the ability of creat Britain than started tentatively in America several times only to started tentatively in America several times only to any, they are disposing of to the pest advantage, a ever has slace the beginning of the confidence on the part of the rail-best ranged by foreign competition is now said to be ranged on individual basis rather than current quotation of the equipment companies.

Started tentatively in America several times only to any, they are disposing of to the pest advantage, a ever has slace the beginning of the confidence on the part of the rail-best ranged by foreign competition is now said to be rained on individual basis rather than current quotation. The exporting mills have a great deal more united determination of business men to secure additions. The exporting mills have a great deal more than they are disposed to the pest advantage. It is a confidence to the part of the rail-best ranged by foreign competition is now said to be rained to the rail-best ranged by foreign competition is now said to be represented to the rail-best ranged by foreign competition is now said to be represented to the rail-best ranged by foreign competition is now said to be represented to the rail-best ranged by foreign competition is now said to be represented to the rail-best ranged by foreign competition is now said to be represented to the rail-best ranged by foreign competition is now said to be represented to the rail-best ranged by foreign competition is now said to be represented to the rail-best ranged by foreign competition is now said to be represented to the rail-best ranged by foreign competition is now said to be represented to the rail-best ranged by foreign competition is now said to be represented to the rail-best ranged by foreign competition is now said to be represented to the rail-best ranged by foreign competition of the rail-best ranged by foreign competition is now said to be represented to the rail-best ranged by foreign competition is now and to the rail-best ranged by foreign competition is now and the rail-best ranged by foreign competition is now and the rail-The Philadelphia correspondent of the Barron Finding trade while the opportunity offers. It has, and all News Service writes that the Pennsylvania however, been discovered that a considerable item thick have been making wrappings and specialties, and the past few days. Business than they can attend to and some plants which have been making wrappings and specialties, and the past few days. Business than they can attend to and some plants which have been making wrappings and specialties, and the past few days. Business than they can attend to and some plants which have been making wrappings and specialties, and the past few days. Business than they can attend to and some plants which have been most such as to inspire connections.

Ground wood mills are also busy, and practically and irregular moves on the smallest piece of informore fortunate companies, which are producing above in only very small quantities, slightly more in Alaska and sixteen and seventeen dollars per ton is being the sixty per cent. mark,

and quite extensively in Bolivia. There are no time freely obtained at the mills, while delivered, the figure of the slightly heavier stocks at present ure is from \$23 to \$25 and even more to distant points.

There has been a further weakening in the price of time owing to the slightly heavier stocks at present ure is from \$23 to \$25 and even more to distant points. the Barron Financial News Service correspondent. The tin ore mentioned above is sent abroad to Eng. where freight rates are not favorable. The dermand according to quantity. Antimony is slightly weak are operating around 65 per cent. of capacity. The land, Holland and Germany, where it is smelled, after for sulphite, both bleached and unbleached is keen, or at \$18 to \$20, and there is a prospect of still lower Sharon Mills, which manufacture light material, such which it is re-shipped, plus freights and all other and prices are largely a matter of arrangement from prices in the near future. There has been no change

stores in Toronto have again placed their orders for cles it is reported that business in seasonable lines book and coated paper for fall catalogues with a and shelf goods is fairly good and the future looks large Canadian mill, and in one case the usual order bright in most directions. There are some goods, was increased from ten to fitteen per cent. Book however, on hand which will not meet with much of and writing mills are well employed so far and they a demand for some time to come, and in some case take a hopeful view of the outlook. The war has they will be total losses. These lines are principally had another effect, and that is a number of mills of German manufacture, and include cutlery, clocks,

Prices in Montreal remain about the same, the only

Roll news, \$40 to \$48 per ton for large orders; \$45

No. 2 Book, S.C., \$4.50 to \$4.75 in large quantities.

Red brown, car tots, \$2.85; 5 tons, \$2.95; 2 tons. \$3.05; 1 ton, 3.15; less \$3.25.

1 ton, \$3.15; less, \$3.25.

Kraft pulp, \$3.60 to \$4.00.

Ground wood, No. 1, \$15 to \$16. Ground wood, No. 2, \$22 to \$24, delivered United

TORONTO LIVE STOCK. (Special Staff Correspondence.) Toronto, September 16.—Killers were scouring the

Savannah, September 18.—Turpentine norminal. 45 ½ cents. No sales. Receipts 865; shipments, 317; stocks, 23,598. Rosin nominal. No sales, receipts, 1,694; stocks, 107,557.

Toronto, September 16.—Killers were scouring the market for good butchers cattle at the Union Stock Yards this morning, but their quest was not a very successful one. A marked scarcity for choice fat animals characterized the trade. For the best up to \$9 mals characterized the trade. For the best up to 10 per cwt. is readily paid, where the dressing qualities are suitable but the bulk of the offerings are of a quality that commands little better than 8 cents. Stockers and feeders, camers and bulls comprised the mates have been made and probably cannot be made. AND INVENTIONS ARE
NEWS SUMMARIES OF
piled by Thomas Ronald and Co., \$18 Chamber of
STATES RIFIDS FROM are wanted, the others are going, in many cases, to the canners at from \$4 to \$5 per cwt., best feeders sell around \$7.50, lambs were weaker again with the decrease.

WEATHER MAP.

Cotton belt-Light scattered showers on coast. Temperatures 60 to 78, predpitation 0 to 0.10.

Com bet—Some heavy rains in Missouri. Temperatures 48 to 72, predpitation 0 to 3.14.

and the peratures 48 to 72 precipitation 0 to 3.14.

American Northwest— Light scattered showers in North Dakota, and Minnesota. Temperatures 42 to garded as inevitable. 60, precipitation 0 to 0.08.

Canadian Northwest— Scattered showers. Temperatures 32 to 46, precipitation 0 to 0.1.

Few Price Changes Have Been Noted During Week Just Completed --- Business Adjusts Itself

AMMUNITION BUSINESS

Trade on High Seas is Safe, Combined With Recent Victories, Gives Better Feel-ings in Trade Circles.

day to day.

It o note in the price of lead and lead pipe.

Strong kraft pulp has taken a big jump, and the however, is in a rather irregular position, metal improves, as it undoubtedly will in the ver

Ream news, \$45 to \$47 per ton for large orders; \$50 Higher Prices Seems Probable—Almost Impossible to Secure Sufficient Beet Seed to Supply the 1915 Crop-England Will Buy From States Extensively.

No. 3 Book, M.F., \$4.00 to \$4.5 in large quantities; (Exclusive Leased Wire to The Journal of Commerce.) tion is analyzed, the more remarkable appear the possibilities making for higher prices for many months Grey brown, per 100 lbs. car lats. \$2.25.net; 5 tons and Cuba there are at present a trifle over 500,000 come. It is understood that in the United States

The normal demands of the refiners would be at 3.05; 1 ton, 3.15; Iess \$3.25.

B. Manilla, car lots, \$2.85 5 tons \$2.95; 2 tons \$3.05; is reduced to 50.000 tons per week, and there is but ten week's supply of raws in sight, it will be the midten week's supply of raws in agin, it will be the hard-No. 2 Manilla, car lots, \$219.5 tons, \$320; 2 tons, die or latter part of December before any new supply

is almost certain to be a decrease in the Cuban pro Some authorities estimate it as high as 15 Even 10 per cent. would mean a shrinkag of 250,000 tons, a bulk which can ill be spared in view of England's necessity of buying 75 per cent. to

100 per cent, of her sugars in this country The outlook for the beet sugar growers is not a happy one. At a time when they faced the highest range of sugar prices known in modern history, they find themselves practically unable to obtain beet seed. It is indeed a very serious and unsolved pro Toronto, September 16.—Killers were scouring the market for good butchers cattle at the Union Stock blem as to where the American beet industry is to Europe is too small to be of any material assistance In addition it is prohibitive in price.

A shrinkage of 50 per cent. in American beet pro

bulk of selling around 38 per cwt, a few selects cash-ling in at ten cents more; calves are the strongest class the market at 48 to \$11.25 per cwt. for the best hoss were unchanged at \$5.60 feed and watered and \$9.75 off cars. Receipts were 113 loads, 1.658 cattle, 2.52 sheep and lambs, 1.705 hogs, and 206 calves. ahead with sugar, she will inevitably be in the mar-ket from time to time.

There has, of course, been a very noticeable falling off in American consumption, due entirely to high

But this decrease does not offset the English buying

CHICAGO WHEAT 11.30.

Chicago, September 16.—Wheat Dec. 110 up 2%; May 117% up 2½. Com, September 76%, up 14; Savannah, September 16.—A wire received by the May 117% up 2½. Com, September 76%, up Cotton Exchange reports cotton market steady with Dec. 72%, up %; May 78, up 5%. Oats, September 76%, up 600 middling 83%; middling, 8. Sales, 150 bales. 46%, up 5%; Dec. 50%, up 5%; May 53, up 1%.