

FERRO ENGINES

We have made special arrangements to import New FERRO Kerosene Engines or any other Model FERRO Engine direct and will now offer special prices, cost, insurance and freight with all fittings necessary.

3 H.P.	\$ 95.00
4 " "	125.00
5 1-2 " "	145.00
7 1-2 " "	180.00

We can offer large sizes of any model. We have these engines in stock and also have a full stock of repair parts. We deal direct and can therefore give lower prices. Also GRAY, FULTON and MEITZ & WEISS Engines.

A. H. MURRAY,
St. John's.

HALLEY & COMPANY

MERCHANTS
ELIMINATE YOUR PURCHASING

TROUBLES

BY visiting us when you are in town, by doing so it will benefit your business and sustain our reputation for Service, Quality and Reliability;— Besides, it will make satisfied, repeating customers of you, and best of all sworn patrons.

Troubles in your purchasing department hurt your entire business. The way to eliminate such a condition is to send your orders to us.

THE SUCCESS OF OUR BUSINESS IS BUILT ON QUALITY OF SERVICE, MATERIAL, AND PRICES

If you need one of our Price Lists before you, phone or write us.

HALLEY & COMPANY

St. John's, Nfld.
106-108 New Gower St. Leonard St., New York
P. O. Box 786 Phone 722

HALLEY & COMPANY

NOTICE!

EXPERIENCED Woodsmen wanted for lumber woods at Badger.

A. N. D. Co.

A Study of the War and the Fighting Strength of the Powers Engaged

By W. K. HILL, in "The Navy"

It is unreasonable not to believe that the wave of German success has reached its highest point and that hereafter the defenses of the extended battle lines will be gradually weakened to such an extent by the inevitable casualties, that at some point the Allied Powers will be able to break through the German defenses and win a decisive battle, entailing a German retreat which will probably prove more disastrous than that from the Marne in September, 1914. To make this point clear, it is only necessary to compare the fighting strength of the nations at the outbreak of the war and on November 1, 1915.

In order not to underestimate the possible German and Austrian military strength, 12 per cent. of their total population may be considered as the maximum military force, and owing to the non-military policy of Great Britain and to the difference between German preparedness and French preparedness, allowing but 8 per cent. of the population of the Allies as their maximum military strength, the following tables have been computed:

CENTRAL POWERS.	
	Population.
Germany	70,000,000
Austria	50,000,000
	120,000,000
	Maximum Fighting Strength.
Germany	8,400,000
Austrian	6,000,000
	14,400,000

Less 25% needed for the maintenance of the fighting armies 3,600,000

Actual number available on the fighting line August 1, 1914 10,800,000

ALLIED POWERS.	
	Population.
Britain	40,000,000
France	40,000,000
Italy	35,000,000
Russia	166,000,000
	281,000,000
	Maximum Fighting Strength.
Britain	3,200,000
France	3,200,000
Italy	2,800,000
Russian	13,280,000
	22,480,000

Less 25% needed for the maintenance of the fighting armies 5,536,000

Actual number available on the fighting line August 1, 1914 16,844,000

The above tables show that the Allies had a superior potential fighting force at the start of the war, but owing to their unpreparedness these forces were not immediately available, and taking into account the lack of munitions, the advantage was with the Central Empires, but after fifteen months of war this advantage on the side of the Austro-Germans has disappeared and is now with the Allied powers.

The results, as set forth in the following table, is calculated on the basis of the published official German losses for the fifteen months of war ending November 1, 1915: Prussian losses officially admitted by Berlin 2,099,000 Other German losses (estimated) 1,000,000 Austrian losses (estimated) 2,500,000

Less 25% wounded, returned to front 1,399,750

Net loss in men by German and Austrian armies during fifteen months of war 4,200,250

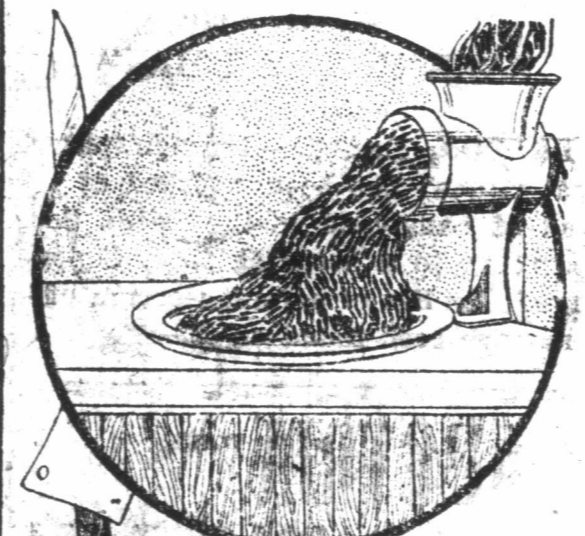
These are conservative estimates and show that the fighting strength of the Central Empires have been reduced over 40% and admitting that the Allied powers whose military efficiency is now approaching its maximum strength, have lost an equal number, although this is questionable, as the Germans have waged an offensive war and the Allies a defensive, the Allied powers have an overwhelming preponderance of fighting men without taking into consideration the available troops in the colonial empire of Great Britain, or the Serbian, Montenegrin, or Belgian armies.

The Teutonic allies have been brought to a standstill after losing 40% of their entire fighting forces, having been stopped on their way to Paris, turned back from Calais, and halted in their invasion of Russia. Fifteen months of offensive warfare, waged by a people having the best military preparedness in the history of the world, has resulted in overrunning the small Kingdoms of Belgium and Serbia, a strip of north-

ern France and Russian Poland, and has cost Austria and Germany 40% of their fighting forces.

The entrance of Bulgaria and Turkey into the war has increased the extent of the frontiers to be defended against invasion by the Allies out of all proportion to the number of men that those countries can place in the field. Especially is this so in the case of Bulgaria, whose army of 400,000 men represents but an average of one month's casualties for the Central Empires during the past year. King Ferdinand has relieved the Allies from any regard for the neutrality of Bulgaria, and his espousal of the Teutonic cause will enable them in case of the success of the Anglo-French attack against the Bulgarians invading Serbia, to attack Constantinople, through Bulgarian and Turkish territory, thus making the forcing of the Dardanelles unnecessary for the capture of that city.

Any forecast of the future losses that will be incurred by the Central Empires during the coming year, based on the latest German official statement, indicates that if the German and Austrian losses continue at the same percentage rate, the fighting forces of the Germanic alliance will be reduced to a point where they will be completely outnumbered, and retreat from the conquered territories of Poland, Serbia, Belgium, and France will be inevitable, leaving the way open for an invasion of German territory by the Allied powers.



CHOPPED MEAT has saved many a man's life at small expense. However, a Hamburg Steak must yield to the Porterhouse, when a man has the price.

OUR PRICES HAVE BEEN TRIMMED every time the act could be done consistently. We sell the best meat that ever came off a carcass. Once a customer, always a customer.

M. CONNOLLY,
Phone 420. Duckworth St.

J. J. St. John To Shopkeepers:

100 dozen ROYAL PALACE Baking Powder at 50c dozen tins.

500 Dozen TOILET SOAP 1 dozen in a Box, 35c dozen.

500 Dozen BLACK PEPPER, at 10c lb.

150 Dozen ELECTRIC PASTE, the best Blacklead on the market, 48c dozen.

J. J. St. John Duckworth St & LeMarchant St

ADVERTISE IN THE MAIL AND ADVOCATE

Value of Brains

Frequent changes on the staffs of the armies and sometimes of the navies in the countries at war seem surprising. But in the great cauldron seething across the sea there is a contest which not only is one of finance, of muscle and endurance, of experience and tactics, but the duration of the conflict has brought out an insistent demand for the world's best and most valued products—brains.

We of this country have seen men cross the skies like comets. We think that it is inevitable that such men rise. We view them not for what they are, but for what we ourselves think of them. We cannot see their driving power. We wouldn't understand the mechanism of mind that forces them onward if it was explained to us. All we can see is an able, later a widely-known and finally a celebrated figure dashing toward success with the directness of a pursued bear breaking it way through a cane field.

In peace we have brains of many calibres and of diverging lines. In war there is only the one great supremacy. In our own Civil war Grant was an obscure figure for a long time. But his genius could not be hidden in the stress of years. Weaker and less able figures rose, triumphed and faded. It left him with a clear field, once his orth was known. He had brains. He had disciplined them into the service for which they were needed. Their use for those purposes came as an impulse, so well had they been trained. So out of that momentous calamity, that hideous drama whose plot is unfolding in Europe, there will come a Grant, a Lee a Wellington, a Blucher, a Napoleon—a great, dominating intellect. His success will have been determined by that rigid test—whether his brain quality is of the showy, inefficient brand which is purposeless and which yields to ordinary emotions that shackle the average human—or whether he will see the ultimate end and drive straight way to it.

French Count Has Brilliant Record

PARIS, Dec. 11.—Count Paul de Vallobrosa Mores, whose mother, Marquis de Mores, as Medora van Hoffman, of New York, is today mentioned in army orders for a magnificent individual fight on the western front. The count, who is a lieutenant of dragoons, fell in the midst of a German patrol. With a revolver in his right hand and a saber in his left, he dashed at the Germans. When his revolver was emptied he whipped out a short lance and hacked his way through the Germans. The official record says he alone slew sixteen.

UNTIL THE THREE MAIN CULPRITS ARE PUNISHED

LONDON, Dec. 10.—Field Marshal von Hindenburg, in an interview obtained by Dr. Paul Goldmann, expressed the view that the foes of Germany do not desire peace at the present time, says a Berlin despatch transmitted by Reuter's correspondent at Amsterdam.

"They are not yet sufficiently battered," said the Field Marshal. "We must continue, therefore, to press them, since they will not admit any of our successes." He considers the German tactical situation excellent, the interviewer reports. "Particularly in the east," said the Field Marshal, "the German army has reached the most favorable strategical line conceivable. He believed that the Russian reserves which have now been called can only complete the existing cadres and not create new armies. He added that it would would fill him with special joy if the war does not end until the three main culprits—Britain, Serbia and Italy—are punished as they deserve."

Nfld. Fox Exchange at 276 Water Street, pays highest prices for all kinds of Raw Furs.—Nov 23

RED CROSS LINE. INTENDED SAILINGS.

	FROM ST. JOHN'S:	FROM NEW YORK:
	Stephano, December 22nd.	Stephano, December 31st.
	Passenger Tickets to New York, Halifax and Boston.	
	Fares including Meals and Berths on Red Cross Steamers:	
		First Class Return Second Class
To New York	\$40.00	\$70 to \$80 \$15.00
To Halifax	20.00	35.00 9.00
To Boston (Plant Line)	29.00	51.00 18.00
To Boston (D.A.R.)	30.00	51.00 18.00

CONNECTIONS AT HALIFAX FOR BOSTON: PLANT LINE - Midnight Saturday. DOMINION ATLANTIC RAILWAY: Through the beautiful land of Evangeline to Yarmouth and thence by the Boston and Yarmouth S.S. Co. Wednesdays and Saturdays. Luxurious accommodation and excellent cuisine by either route. Full particulars from:

HARVEY & COMPANY, Ltd. Agents Red Cross Line.

Reliable Furniture for Outport Buyers.

WE desire to draw the attention of our innumerable customers around the Island to the tremendous display of fine Furniture we have in our Show Room. This has just been replenished by some two or three shipments from the best English and American makers.

Our stock includes the largest assortment of Bedsteads, Bedroom Suites, Bureaux, Dining Tables, Chairs, Lounges and Sideboards in the Island.

If you are furnishing your house, one or two rooms, or if you require any single article for some special need, and you want good, solid, well-made Furniture at the most reasonable prices, you can't beat the

U.S. Picture & Portrait Company, House Furnishers.

GARNEAU, LTD.

We are offering at Lowest Wholesale Prices 80 doz. SWEATER COATS, 200 " White TURKISH TOWELS, 600 Pairs White and Grey COTTON BLANKETS.

GARNEAU, LTD., 104 New Gower St. P.O. Box 36.

GEORGE SNOW

SHIP AND GENERAL IRON WORKER AND MACHINIST I am extending my business by the installation of up-to-date machinery whereby all kinds of the following work will be turned out with dispatch and satisfaction. FORGING IRON AND BRASS CASTING OF EVERY DESCRIPTION & PATTERN MAKING. Saw Mill Work and Repairs to Motor Engines and all kinds of Machinery, etc.

With our equipment we are enabled to guarantee every satisfaction and ensure prompt delivery. Large Stock of Material always on hand. Brazing broken parts of machinery done by special process. Note carefully the address:

GEORGE SNOW SPRINGDALE STREET (WEST SIDE).

READ THE MAIL AND ADVOCATE