E QUALITEE INFERTEURE

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FARM ELECTRIC MOTORS.

A very important feature is that a few motors properly selected may be used to operate all of the machines on the farm instead of having a steam or gasoline prime mover attached to each machine, writes Frank Koester in the book. "Flowtrights For the Form

each machine, writes Frank Koester in his book, "Electricity For the Farm and Home." In this feature lies a great advantage of electrically operat-

times the same motor may drive a wa-

ter pump, wood saw, etc.

It is readily seen that the electric

notor can be operated without the at-

tention necessary for steam or gasoline prime movers, which have to be sup-

plied with water and fuel. With all other prime movers, when placed in the barn or hay mow, or beside the stack in the field, the risk from fire is

a thousandfold greater than with an electric motor. In fact, an inclosed

SMALL TRANSPORTABLE N electric motor may be placed anywhere

on the farm without such a risk or the fear of an explosion.

The motors used on dairy appliances and for the various household opera-tions are of such small size and weight

that they may readily be carried around by one or two persons and ap-

plied to one machine or another wher-ever needed. Thus many farms can

get along with one large and one small motor. As the various farm machines operate at different speeds the motors are supplied with suitable regulating

devices, so that the desired speeds may be obtained.

The great advantage of cold storage

is not properly recognized today by farmers. By means of electrically op-

erated cold storage systems, butter, milk, eggs and other perishable goods may be saved from spoiling. In many

cases, especially with fruit, a farmer is forced to let his product lie on the

ground and rot, because the price offer

ed does not pay the expense of pick-ing, packing and shipping to the com-

mission merchant. A private cold storage system would enable him to pick

his fruit in season, when the market price was low, and store it until he re-ceived his own price.

ceived his own price.

For such purposes electric ice making machines for refrigerating plants are preferable. The motor applied to

this equipment can be arranged to start and stop automatically and will keep the temperature in the cold storage

room within a few degrees of that de

sired.

For irrigation purposes electric pumps, are of great service, whether on a large or a small scale. As these pumps work only in certain seasons of the year and at certain hours of the day public serv-

ice corporations have recognized of late that they are a means of keeping up a uniform power demand on the plant, and consequently energy for this purpose is offered at exceptionally low

rates. The motor driven pumps may be stationary or portable. Large sums are yearly spent for irri-

gation purposes, waterways regulation

gation purposes, waterways regulation and drainage systems and seemingly in almost all cases without due consideration for the possibilities of utilizing the energy of the water for generating an electric current which might advantageously be used for farming or rural industries.

Planting of Forage Crops.
red by Kansas State Agricultura
college.]

Where a stand of corn has been obtained on a part of the land and it is accessary to plant the remainder to a pring crop, kafir or sorghum is recom-

spring crop, kafir or sorghum is recom-mended. In southern Kansas kafir planted from June 15 to 20 will mature.

If the weather continues wet until the last of June or the first of July feterita

maturing from eighty to ninety days may be planted. Freed's sorghum will mature in from seventy to eighty days. Sudan grass can also be planted as late

as the last week in June or the first week of July. Cowpeas planted the 1st

of July as a hay crop may be removed in time to seed a crop of wheat in the fall. Soy beans will mature if planted the last week in June and millet can

be seeded for hay until the first of July.

Variety of Work Which These Machin

Farming

Scientific

## **OCTOBER 12, 1915**

Carleton Place Revald (Established 1850).

Published every TUESDAY MORNING at the Office of the Proprietors, Bridge street, Carleton Place(next door to Post Office). SUBSCRIPTION PRICE—In Canada, One Dolla a Year, payable in Advance; 815 of the of so paid To United States, \$1.50 per year, payable in

e business office of THE HERALD is open ever-ing from 7 to 8 o'clock, and on Monday and rday evenings to 9 o'clock, to oblige town sub-ers, advertisers and parties needing printing NOTICE.—All copy for changes of advertise-sents should be in on Saturday eruning, or not tater than 9 o'clock on Monday morning. As THE ERALD goes to press on Tuesday morning the occessity for this rule is obvious.

A file of this rule is obvious.

A file of this paper may be seen at McKim' dvertising Agency, Montreal, and at Gibbons gency, Toronto.

All money letters should be reached.

THE HERALD, Carleton Place, Ont

### WAR ARTICLES WORTH FOLLOWING

The "Witness" articles on the war Situation are appreciated throughout Canada by the best informed people, for their clearness and sincerity, as well as for their fine spirit, breadth and fore-

The Montreal "Weekly Witness" is

or their line spirit, breadth and foresight.

The Montreal "Weekly Witness" is a truly great national paper. It always has been and still is absolutely owned and edited by Dougalls, Mr. John Redpath Dougall being its editor.

While some papers are notoriously and obviously at the beck and call of predatory interests, there are others, like the Montreal "Weekly Witness" that have maintained their independence. It has never grovelled. It has never touted. It has never pandered. The "Witness" is its unique self, loved by friends, hated by its enemies.

During the past three generations it has conscientiously, devotedly and very efficiently, served its country in many ways, notably in its campaign for Temperance, Righteousness, Religious Liberty, Education, and everything looking towards lower cost and higher plane of living. If Canada is not yet enjoying to the full the benefits of these things, it is far ahead of many other countries in most of them, and this is due in no small measure to the stand, or, more correctly, the splendid campaigns of the "Witness" whenever opportunity afforded. The welfare of the Canadian farmer in particular has always been considered of prime importance by the Editor of the "Witness" and the "Witness" has done yeoman service to agriculture.

Generations of our finest Canadian families have literally been "brought up on the 'Witness' as many of the most eminent Canadians will testify, and they continue its devoted admirers.

Besides the moral and political aspects of this great newspaper, it has attractive of the contractive of the specific of t

and they continue its devoted admirers.

Besides the moral and political aspects of this great newspaper, it has attractive features embracing all the interests of the family and a splendid Farm and Poultry Department. Its short and serial stories are strong and fresh, and they alone are worth several times the price—one dollar a year. To bona fide New Subscribers mentioning the name of this paper, one trial year may be had for only 65 cents, or three months on trial only 15 cents. The publishers are as always, John Dougall & Son, "Witness" Office, Montreal.

The "Weekly Witness" has now no connection with any daily newspaper and is the healthier for it.

### To Mothers of Canada.

No fewer than 683 fires, one million and a half dollars damage to property and the loss of thirty-eight lives occurred during the year 1914 as the direct result of children playing with matches.

Matches should, therefore, receive that it is a darger of primary imparts the state of the stat

attention as a danger of primary importance. Keep the matches away from the children. Place them on a high shelf far out of their reach, for they

shelf far out of their reach, for they love to play with fire, and matches form an ideal toy from their point of view.

If it were only possible to convey in its horrid detail the account of the fires in Canada where thirty-eight children lost their lives, the excitement and nervous tension, the loss of property, the anguish of parents, the pain of the little child, some measure of reform might soon be effected.

Mothers should ever after guard their children against matches, as they would protect them against a terrible and menacing enemy.

acing enemy.

### New Inventions

Rew Inventions.

Patents recently secured through the agency of Messrs. Marion & Marion, Patent Attorneys, Montreal and Washington: — Canada — Arthur Gagnon. Augusta, Me., U.S., Saw handle; Carl Thorssell, Gothenburg, Sweden, Process for the production of ammonia; Mrs. Andre Turcotte, Price, Que., Wrench; Horace Cormier, Carstairs, Alberta; Harvesting machine for putting up sheaves into upright standing heaps; John M. L. Spangenberg, Forshaga, Sweden, Sorter for paper pulp; Joseph Arseno, St. Alexis des Monts, Que., Medical plaster. United States—Lewis W. Barker. Fredericton, N.B., Skate clamp; Omer Caron & George Surprenant, Maisonneuve, Que., Pipe bender. Great Britain—Jules Gauvreau, Quebec, Que., Identification tag. Que., Identification tag.

As a recognition of the important part played by the Canadian National Exhibition in recruiting this year, Mr. Joseph Oliver, the president, has been appointed Honorary Colonel of the Canadian militia.

Children Cry FOR FLETCHER'S CASTORIA Ontario's Prominent Men

Answer Lord Lansdowne's

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Call For Aid For Red Cross

LOUD and insistent call for funds to supplement the work of the British Red Cross Society and the Order of St. John has been issued Red Cross Society in Great Britain, and October 21 has been set aside for an Empire-wide collection. The appeal is made in view of the great demand upon the resources of these organizations on account of the extent of the war front at this time and the increasingly large number of men who are engaged in fighting the Em-

great advantage of electrically operated farm machinery. For instance, a motor may be placed on a low wheeled truck and connected by means of a belt to a thrashing machine, taking its electric supply from the mains by a flexible cable plugged into a suitable outlet. On the throwing of a switch the motor starts and operates continuously without attention. After the thrashing is completed the motor may then be connected to the baling machine, which packs the straw into bales, while if necessary the motor may be used in loading the bales upon wagons by operating a hoist. At other times the same motor may drive a wawho are engaged in lighting the Empire's battles.

Sir John Hendrie, Lieutenant Governor of Ontario, received the following cable on Thursday from Lord Lansdowne, asking for help and cooperation:

"I beg to inform you that the British Red Cross Seciety and the Order of St. John, in view of the great de-



LORD LANSDOWNE.

mands upon their resources, both in France and in the near east, have decided to make an appeal throughout the Empire, by street and other collections, upon the 21st day of October next. The money received from this appeal will be devoted entirely to relieving the suffering of our wounded soldiers and sailors, from home and overseas, at the various seats of war, from all parts of the King's Dominions. We have already received generous assistance in our work, but with the increase of British and overseas forces at the front, there is a corresponding increase in our expenditure, and we shall be truly grateful to you if you will helpus by organizing an appeal and sending the proceeds to us, for the objects which I have named. I shall be greatly obliged if you will kindly communicate the foregoing to your Government. Their Majesties the King and Queen and her Majesty Queen Alexandra are giving us their gracious patronage, and I trust that you will also be able to see your way to help.

"(Signed) LANSDOWNE.

to help.

you will also be able to see your way to help.

"(Signed) LANSDOWNE,

"President of the British Red Cross Society, 83 Pall Mall, London."

Promptly upon the receipt of this message, Sir John Hendrie communicated with Premier Hearst, who called his colleagues in cansultation with the result that a meeting was held in the council chamber of the Parliament Buildings in the afternoon, attended by the following prominent gentlemen: President Falconer, Surgeon General Ryerson, Sir John Willison, Colonel Noel Marshall, Canadian Red Cross; Mr. N. W. Rowell, K.C., Colonel Sweeny, Mr. W. S. Dinnick, Mr. Geo. H. Gooderham, M.P.P., Mr. W. H. Price, M.P.P., Hon. Thos. Crawford, M.P.P., Mr. C. A. C. Jennings. They decided to consti-

M.P.P., Mr. W. H. Price, M.P.P., Hon. Thos. Crawford, M.P.P., Mr. C. A. C. Jennings. They decided to constitute a central organizing committee consisting of the following: Sir John Hendrie, Chairman; Hon. W. H. Hearst, Hon. T. W. McGarry, Treasurer; Mr. N. W. Rowell; Dr. A. H. Abbott, Secretary.

It is the intention to make a direct appeal through the entire municipal organization of the Province, and letters will be addressed to the reeves and councillors of every municipality sq that the collection on October 21 will be as large as possible. The committee has made it plain that this special effort in no way is to supersed the regular organization now maintained by the Canadian Red Cross and Patriotic League.

The permanent organization has been constituted as follows: Honorary President, Sir John Hendrie; President, Hon. W. H. Hearst; Treasurer, Hon. T. W. McGarry; Secretary, Dr. A. H. Abbott; Committee, Sir John Gibson, Sir John Willison, N. W. Rowell, J. E. Atkinson, W. S. Dinnick, Mayor Church of Toronto, Noel Marshall, E. R. Wood, Hon. Jas. S. Duff, E. F. Brown, N. F. Davidson, K.C., and J. W. Flavelle.

### Italy's Artillery Grows.

Italy has more than trebled her artillery, it is reported, and has pro-vided it with new quick-firing guns, firing forty shots a minute, especially adapted for use in rough country like that in which the Italians are engaging the Austrians.

A Veteran Correspondent.

Lord Dunraven, who is still doing war work, acted as correspondent to a famous London daily paper, through the Abyssinian War of '67, and through the Franco-Prussian War, including the siege of Paris.

A German motor sleigh has exceed d a speed of 60 miles an hour.

### LOCAL AND OTHERWISE.

Chicago was dry on Sunday for the first time in its history.

Emperor Francis Joseph of Austria is eported dangerously ill.

A French auxiliary was reported tor-bedoed in the Mediterranean Sea.

The Chinese will vote on the nature f their constitution on November 15. It was announced that 1,700 Canadian nupition workers are now in England. Dr. Dumba, the ex-Austrian envoy to the United States, left New York for

The British War Office is considering new scheme for the training of Cana-

dian aviators. Over 1,000,000 Hungarians working

in cotton mills have been thrown into Petrolea Council by a majority of one ecided to take over the electric light

plant at \$11,280.

President Falconer announced that the University of Toronto has 1,200 men on active service. The Canadian domestic loan of \$50,-00,000 will be issued after the crop

novement is completed. Ontario hotelkeepers were warned by Chairman Flavelle that selling after ours will not be tolerated.

French military writers say Italy has 00,000 idle men under arms who could e sent to Bulgaria if needed.

The Canadian Hospital Commission s planning to provide for 40,000 wound-ed and disabled Canadian soldiers. Over \$9,000 was realized by the Red

Germany paid the expenses of Bul garian mobilization, and is forwarding \$10,000,000 a month to Bulgarian The Italian Premier believes the

Balkan crisis will not only shorten the war but mean more complete success for the Allies.

A new kind of gas is being used by the Germans now defending themselves in the Champagne. Prussic acid is used as a basis for it.

Gen. Cherif Pasha, a Turkish Radical, says the Young Turks have sold Con-stantinople to Bulgaria and are to get Egypt in return. Reports received in Athens state that

3,000 German and Austrian officers have taken over the principal commands in the Bulgarian army. French authorities announce the supply of warm winter garments for the troops enough to do, and that private gifts of clothing are not needed.

Canada is growing richer, notwith standing the war, stated Hon. W. T. White, Minister of Finance, speaking before the Toronto Board of Trade.

perore he resigned ex-Premier Veni-zelos of Greece said the people were solidly behind Serbia and owed their prosperity to France. They will fight for England. Before he resigned ex-Premier Veni-

The town of Oakville appeals the judgment of the County Court Judge exempting the Orphans' Home belonging to the I.O.F. from assessment, and Mr. Justice Hodgins reserved his de-

Hon. Louis Coderre, Secretary of State, is now to be a Justice of the Superior Court of Quebec, and is succeeded by Hon. P. E. Blondin, Minister of Inland Revenue, whose place is taken by E. L. Patenaude, M.P.P. for Lavagirie prairie.

The appointments of Dr. R. G. Brett, of Banff, to be Lieut.-Governor of Alberta, and of R. S. Lake, ex-M.P. for Qu'Appelle, to be Lieut.-Governor of Saskatchewan, were announced by the Cabinet. C. P. Beaubien, of Montreal has been appointed to succeed the late Sir Charles Boucher de Boucherville in the Senate. Sir Charles represented Montarville.

## Fresh and Refreshing

is composed of clean, whole young leaves. Picked right, blended right and packed right. It brings the fragrance of an Eastern garden to your table.

Almost the first thing that strikes you about the British army is its quiet men, writes a United Press correspon dent. I saw six horses try to run away the other day when a regiment of men cheered Sir John French after he had

Over \$9,000 was realized by the Red Cross Society at the concert given by Mnne. Melba at Massey Hall, Toronto. Besides the "no-treating" order, the city of London will be subject to regulations curtailing the hours of drinking. Hon. Robert Rogers states, after an official survey, that twenty ocean-going ships are available to-day for Canadian trade.

It is reported that the dream of seeing himself crowned King of the Balkans in Constantinople has led King Ferdinand astray.

Thirty thousand dollars damage was done by a fire which wiped out practically the entire business section of Cadillac, Sask.

"Rough on Rats" clears out Rats, Mice, etc. Den't die in the House. 15c. and 25c. at Drug and Country Stores. 46-26

BLACK, MIXED OR GREEN

cheered Sir John French after he had thanked them in his quiet, hesitating way for 'their part in the battle of Neuve Chapelle. Cannon the horses know. Cheers are strange to them.

"Don't have any ceremony," seems to be the British army man's idea of doing his job. A young officer was moving about a headquarters room in a farmhouse, up near the front, where we had.

Assets. house, up near the front, where we had gone in for some hot tea. He chatted with the officers at the table about various things; about the colonel's little daughter, who was fourteen and had lived on four different continents;

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