By Odon Por, Special European Correspondent, Wilshire's.

the big cities, draws the young peo- of electrical energy, to use the waterple with its glittering promises away from the farms. Farm work is considered dull, the farms being deserted and the farmers are considered dull in short, the whole technical transport and the farmers are considered dun-and reactionary people. This situa-tion is really critical in every indus-tion is really critical in every indus-tion is really critical in every indus-and economically, only through the ing- and instalment included. kilowatt hours per day sufficient a new impetus to agriculture, and pour new ideas into the farmers.

Recent discoveries in all lines of agriculture impress the observer with the fact that an agricultural revolu-tion is impending. Burbank, Nilson and De Vries-have shown us, on a large scale, the possibility of quickly rfecting the existing fruits and veg etables: they have created new fruits and made edible fruits that hitherto were left untouched by man and anithe most serious enemy of the wheat farmer, by creating a variety of wheat immune to that disease. There will be enough seed of this variety, fen succeeded also in creating a spec-ies of wheat and barley that combines a large cropping capacity with a high gluten content. The breeding of animals, the selecting of finer and more useful species, is being put on an increasing certain basis. There is no telling where this creating, trans rming and improving will end, nor nat forms of social co-operation will be called into existence in order to put in practice these new scientific overies in agriculture.

The growing scarcity of human laor on the farms imposes the neces sity of intensive production and a technical means Hitherto the United States and England furnished the best agricultural machines and tools and were the model countries as to methods of cultivation. But Germany, Hungary and France are now superseding these countries by creating new types of methods of cultivation.

During the last twenty years the number of land laborers in Germany

During the last twenty years the multion, while the showed a marked difference, but also decreased by three million, while the showed a marked difference, but also decreased by three million, while the showed a marked difference, but also decreased by three million, while the showed a marked difference, but also decreased by three million, while the showed a marked difference, but also decreased by three million, while the showed a marked difference, but also decreased by three million, while the showed a marked difference, but also decreased by three million, while the showed as marked difference, but also decreased by three million, while the showed as marked difference, but also decreased by three million, while the showed as marked difference, but also decreased by three million, while the showed as marked difference, but also decreased by three million, while the showed as marked difference, but also decreased the showed as marked difference, but also decreased the showed as marked difference, but also distanced the surgest the showed as marked difference, but also distanced the surgest the surgest that the setting a show the surgest the surgest that the setting a show the surgest the surgest that the setting and the surgest the surgest that the setting and the surgest the surgest the surgest that the setting and the surgest the surgest the surgest that the setting and the surgest the surgest t plow can hardly climb. It is a light and very durable machine and can be with electricity. A number of wires

creased at least 33 per cent. by the introduction of the electro-plow and compared with the results obtained. all the other numerous electrical appliances. The electro-plow has made pliances. The electro-plow has made it possible for the German farmers to open up for wheat cultivation 30 to 40 per cent. Considering the lands which were inaccessible to the lands which were inaccessible to the old methods of plowing. With the large scale, and under average practielectro-plow Germany could produce cal conditions, this is a stupendous all the wheat consumed in the counand consequently dispense with importation of wheat. Without laboratory and garden experiments unding the area of cultivation, the conducted under specially favorable the importation of wheat. Without extending the area of cultivation, the German farmers could double their

HE demand for agricul-ttechnical experts say that only a cotural products is rapidly operative organization on a large scale and with a wide social outlook, increasing, while the exodus of the people from
financing and organizing the transtreatment, and installed an experi-

in short, the whole technical trans-formation can materialize, feasibly plant for two hundred and twenty-and economically, only through the two acres at \$1,200, machinery, wir-

Recently another exceptionally important application of electricity in amount of power would cost in agriculture has been brought to perfection. Electro-culture, the influenc-ing of plant-growth by electricity, has passed out of the experimental stage and is ready to be introduced

Finland, during his frequent trips to the artic regions, observed that there farm of this size yields in Germany, the development of the plants is ac-complished more rapidly than in moderate climates, despite the heavy frosts during the nights. And he observed also that, notwithstanding the primitive methods of cultivation, the in a short time, to eliminate rust all rye and barley are, both in quantity over the world, and thus save five hundred million dollars per year. Bifman crop. He proved that this phenman crop. He proved that this phenomenon is due to atmospheric electricity, which is far stronger in these latitudes than elsewhere. Following on the lines of this dis-

covery, he began, some 25 years ago, experimenting, on a small scale, with plants in pots, putting them under a net of wires charged with electricity. The plants thus exposed to electricity developed with extraordinary rapid-ity. He then repeated his experiments in the open air with plants set in the ground, and obtained marvelous results, in many cases getting twice the amount of plants from the field under the influence of electricity than from the "control field," where the same species of plants were growing but isolated from electrical influence. It is most remarkable that not only the quantity of the crop was increased, but the time of ripening was also shortened. Strawberries ripened in twenty-eight days under electro-culture, while they required fifty-four days to ripen in the "con-trol-field." And not only the leaves showed a marked difference, but also

and very durable machine and can be casily transported. Experts have figured out, on the basis of 200,000 poles, but high enough for loaded carts to pass and all ordinary farmthat electro-plowing costs about one third of steam plowing.

It is conclusively demonstrated by an oil engine and a dynamo. The first and figures in cleetrification is maintained a few tours during each day. The consumption on February 24th next. It will be a good one to get the feerman farmers could be included in the cleetrification is maintained a few tours during each day. The consumption on February 24th next. It will be a good one to get the feerman farmers could be included in the cleetrification is maintained a few tours during each day. The consumption of the feerman farmers could be included in the feet of the feet o Sir Oliver Lodge recently made publie the results, stating that the in-

German farmers could double their wheat and treble their potato crop by merely introducing the exact and scientific plowing made possible by the Bakery School, in Birming-ham, found the electrified wheat richer in certain contents and better for It is significant that the same baking purposes. This was confirmed

by the experience of the bakers, who willingly paid 7½ per cent. more for this electrified wheat than for the ordinary kind.

Professor at the University of Char-lottenburg, has experimented in this line with great success. He put, this the farms to the cities is taking on alarming proportions. Our industrial civilization, centered in civilization, centered in civilization, centered in civilization. of electrical energy, to use the water-power economically, to put up the wires, to buy and build the new ma-chines and the electric farm railroads, puts the cost of an electro-culture kilowatt hours per day suffices for amount of power would cost in Ger-many 25 cents per day; 150 days per year are enough for a successful electrification of the fields. Counting on a large scale.

Prof. Lemstrom, of Helsingfors, these two hundred and twenty-two under normal circumstances, \$2,400 ment it would yield, under the most disadvantageous conditions, 30 per cent., or \$733 more. The net profit yielded by electro-culture would thus amount to \$483.

Without going exhaustively into the very interesting theoretical explanaof the phenomena of electrogrowth, we can predict from securely established facts that a new and powerful lever of agricultural development has been discovered. When these facts are widely known, it will be quite a commonplace thing to the jarmer to treat his field with electricity. Rank success. That's been the common and properly the farmer to treat his field with electricity. Rank success. That's been the common and properly the farmer to treat his field with electricity. Rank success. That's been the common and properly the farmer to treat his field with electricity. Rank success. That's been the common and properly the farmer to treat his field with electricity. Rank success. That's been the common and properly the farmer to treat his field with electricity. fertilizing or cultivating with ma-

The introduction of scientific methods of cultivation and the industrialization of farm work will immensely stimulate the interest in agriculture; it will force the farmers to take up cientific study in order to keep pace with progress; it will bring them in contact with all sorts of new machines that will enchance their skill. Above all, it will force them to throw overboard their "individualism" and they will have neither sufficient finknowledge necessary for the intro-duction of these new methods of production.

The Insurance Special will be out sen ch on February 24th next. It will show pathy The Insurance Special will be out on February 24th next. It will show up the Insurance graft in Canada. The first will be a good one to get distributed. Facts and figures in connection with life insurance never before the dealer of the deal

Toilers and Idlers Our Serial Story

Copyrighted, 1907 by John B. McMahon. (Continued.)

CHAPTER XI.

When Rensen arrived, a low-bowing figure in blue kimouo and slippers seemed to require his hat and gloves. He held them forth, the figure did not move. The next moment Ackley Smith, similarly attired, dashed out of a corner

Smith, similarly attired, dashed out of a corner.

"Ha!" ha! My dear fellow. That catches them all—only my old clay model, bit of wax and hank of hair. Amuses some people, too. God bless you, where've you been these months? Why didn't you send for me when you were laid up? "Well, well, the only man I really wanted to see."

me when you were laid up? Well, well, the only man I really wanted to see."

Ackley shook hands violently, despite loose-jointed wrists.

He was tall, slender, swarthy, with a small moustache over full lips, and wore on his thin, large nose glasses of a sort that gave him a wild look. Having studies six months under Gerome and somewhat longer under an impressionist master, he swing between the two schools; sometimes extolling mathematical art, again forswearing precision and giving allegiance to the vaguely poetical.

"Come this way where we can be by ourselves," he went on, wramping the kimono about his legs as he stooped to light a cigarette at a brazier. "Don't mind the chatter, do you? We expect a lot more, all kinds. A little early. How did the reception go off at your aunt's?"

"Very well, I believe," said Rensen, trying to cross-leg on a cushion within the kiosk.

"Beautiful old lady. Invited me, but of course had to be here. Madeline represented—both?"

"Ohe, pshaw. Never mind the phrase." He twitched and settled the nose glasses. "I guess you know what churs in bohemia do for each

ity. Rank success. That's been the

groping about for the immediate material fruits."

"I see," said Rensen, gravely.

"Yes, a changeful groping about Otis, we chummed it in the Quartic Latin, you've been my most disinter ested friend, I've always been squgre with you—ideal democratic friend ship—so hear the true word. A fel low ought to quit groping. Am l'right?"

ontact with all sorts of new machines that will enchance their skill.

Above all, it will force them to throw overboard their "individualism" and to seek co-operation, for, isolated, they will have neither sufficient financial resources not the technical knowledge necessary for the introduction of these new methods of production.

The whole mental attitude of the farmers will be inevitably changed.

The you propose to concent-

merica.)—Wilshires.

THE INSURANCE SPECIAL

The Insurance Special will be out.

had, beyond any blemish or awkward-ness, a fresh simplicity.

"What do you say? It is a mir-acle? Would you believe that could have happened in less than ten

years."
"It is a kind of miracle," assented

the guest.

"Ah, it takes the rush of the city "Ah, it takes the rush of the city—the fierce white hope and despair—emotion and science melted together. Besides that, a teacher who can teach. And a slight amount of advertising." Ackley grinned and glared through the smoke wreaths of his cigarette.
"Perhaps you have missed your calling—you ought to have been an impressrio."

(To be continued.)

(To be continued.)

FIRE THEM IN

The sub list is slowly erawling up. A gain this week of 58. Ontario, Nova Seotia, Alberta, Saskatchewan and Manitoba on the up grade. Quebee, British Columbia, and New Brinswick on the down.

Cotton's asks it's hustlers to watch the list in their own province and keep it going up.

Subs are needed more than ever. There will be another big slump in British Columbia next week. We are doing everything possible to get renewals, with fair success.

Develop "Hustleritis" for Cotton's. It is the popular disease with Canadian socialists. Keep this slogan before you; "10,000 Readers for Cotton's."

Following is the circulation of Corron's for the issue of last week

Feb. 3rd.					
	OFF		ON.		TOTAL
Ontario	24		50		1630
Prov. of Quebec	30		5		88
British Columbia	62		36		80
Nova Scotia	2	17.	46		53
Alberta	7		27		52
Saskatchewan	14		19		30
New Brunswick	4		1		266
Manitoba	14		15		19
Elsewhere					
Yukon Territory	-				1:
Prince Ed. Island.	_		4	**	wie
Newfoundland					
.Total	158		213		5240
Gain for w	reek				58
Total in total					

Total issue last week 6,000.

+++ THE PEOPLE'S POEMS

Midst the endless din of the city, On the surging and crowded street Are thousands of men and women Who hasten with weary feet.

To cheerless rooms, in dwellings That loom in gloomy pride if showy front and cornice, And are lonely and blank inside.

These are the city's homeless, The army of desolate souls, tho toil with brain or sinew. Or wait while the slow day rolls.

netimes with the barest pittance To eke out the aimless strife, ometimes with luxurious comforts To lighten the burden of life.

But homeless—and desolation Till.

Dwells ever in deepening glooms, With those whom home has forsaken,

And who live in rented rooms.

No cheerful heart's glad welcome No greeting smile at the door, No watching face at the window. No children at play on the floor.

No chubby hands in your pockets, No curly head on your breast, No lullaby low and tender To soothe a world to rest.

No gentle questions and answers. Across the table at tea,
No eyes that look love into your eyes,
Sweet love and endearments to see.

But only the same dull story
That is told each night and morn, With no one who cares to know it, And the busy world's careless

No wonder the fierce temptation To yield to the toils of sham Human wrecks tossed in the chaos Some human throb to claim.

Oh, you who go from your labors
To the sacred joys of Home,
Think you with heavenly charity
Of these who the wide world ro

With never a cord to draw them Away from the paths of sin, With the night and the storm And the storm and the night within. Ida Crouch-Hazlett

REVELATION By WILLIAM WATSON

When all the choric peal shall end, That through the fanes have rung; When the long lauds no more ascend-From man's adoring tongue;

When whelmed are altar, priest and When all the faiths have passed; Perhaps from the darkening incer-freed.

God may emerge at last. Socialism will abolish the survival of the slickest.

Wage Workers "he Understand what SOCIALISM are usually accidints. Better look into aution for yourself. Write your address it lines below, until us the and you will get a handred-page lines magazine and a 68-page lilestrated below ill help you decide very quickly which

Charles H. Kerr & Go., 120 Kinzle St., Chic

(Signed) Jas. D. BULMAN Secretary Treasurer. Certified a True Copy.—Jas. D. Bulman, Sec.

PROVINCE OF QUEBEC; MUNICIPALITY OF THE VILLAGE OF SWEETSBURG:

BY-LAW NO. 89

At a general Session by adjournment of the dunicipal Council of the Village of Sweets-state of the Sweets of the S

The same:
Whereas it is for the wellfare of the inhabitants of the Village of Sweetsburg, and the desire has been expressed by them to have a water system, and
Whereas it is advisable to comply with said want and desire, the present By-Law is made for the purpose of meeting said requirement and take the necessary steps to build and establish said water system, aquaduct and reservoir.

ment and take the necessary steps to unuand establish said water system, aquaduct and reservoir. The work of establishing said aquaduct and reservoir will be under the control of the Municipal Council and its officers or representatives duly appointed by said Council by resolution, and said work of construction that the said work of construction and said work of construction that the said work of construction and said council or its owner of the said work.

The Mayor and Secretary Treasurer are hereby empowered, and authorized to enter into any agreement or contract, with Guy Williams, Seq., of the Township of Denham, farmer, to buy his springs and his rights in and to the Colf Brooks ocalited, with right of and to the said work. The Manleinal Council or its representation of the said work of the said work and the said that the said water of the said to of the said to when the said to the said to the said to when the said to the said to the said to when the said to the said

l'an and Book of new color.

The Municipal Council or, its representatives duly appointed, is and are hereby uthorized and will have power to expropritie any such properties to get a supply of rater in ease that an agreement eahnot be arrived at for the purchase or the lease of

waler in ease that an agreement cannot be arrived at for the purchase or the lease of the same.

The same powers will be granted and are granted to the Municipal Council, or its duly standard to the Municipal Council, or its duly standard to the Municipal Council, or its duly standard to the Municipal Council will have the power to make a tariff for the water to make a tariff for the water to make a tariff for the water to the make a tariff for the water to the make a tariff for the compensation to be paid by the order of the compensation to be paid to the council will have the power and will take the same, the whole by a subsequent by-law for defails.

The total expense for the establishment of said aquaduict and reservoir shall not exceed the sum of \$50,000 to 100 to

of water, or many of the payment of

Salt debentures will be payable as follows:
Salt debentures will be payable as follows:
The first one payable the first of January
1932, and then yearly, one by one, on the
same date of each successive year, with right
to the Corporation, to redeen as many more
debentures in advance, as the accumulated
sinking fund will allow.

The interest on sald debentures will be payable every six months.

sinking fund will allow.

The interest on said debentures will be paybe every six months.

Pathe every six months.

The apportionment of the monies to be every six months.

Pathe every six months.

The apportionment of the monies to be every six months.

Pathe every six months.

The apportionment of the above sums, principal, interest, and sinking fund, annually six months.

The present by-law will common force in the ordinary course of law, after its approval by the municipal electors, rateragyers, who are owners of real estate in the Municipality of the Village of Sweetsburg, and after the approval of the Lieutenant Governor in Caunett.

And for the purpose of such approval, or

Council.

And for the purpose of such approval, or non approval, by said municipal electors rate-payers, ownersof real estate, a pulse of the same will be called according to law (Sgi.)

W. H. LYNCH.

(Attested).

D. BULKANA SECTIONS.

I the undersigned Secretary Treasurer of the Municipality of the Village of Sweetsburg the Municipality of the Village of Sweetsburg to the Municipality of the Village of Sweetsburg to the State of the Village of Sweetsburg to the Village of Sweetsburg of the Village of Sweetsburg of the Village of Sweetsburg of Sweetsburg of the Village of Sweetsburg of Sweetsburg of Sweetsburg of the Village of Sweetsburg of Sweetsburg of the Village of Sweetsburg of Sweetsburg of Sweetsburg of the Village of Sweetsburg of the Village of the Village of Sweetsburg of the Village of the Villa

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L. S. JACKSON, Secretary 122 St. Lawrence Blvd.

THE

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THE J. Bish

m. Henley McKiern Faulkne Wing, B Com. E Man., becom Com. M. Com. J. Alta., becom Comrade ed a halfer.

Com. C. Ont., renew a new yearl Comrade captures a Com. Fra Man., captu months each Com. R. Alta., takes Workers' Is Com. W. ereases the

Com. J. A Sask., beco for a year. Com. E. V is responsib from the w Comrade B. C. is res ing added sand. Com. Jule

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week. Com ardville, Al yearly and Com. C. Sask., is reputting ther quiring a m Alta., forwa

Lists of m armers ar Give comp who cannot n this rega Will hustle Cobalt, give subs, either dress. Thi delivery. Comrade Point, B. (list was dro round and keep us chee

spot again s

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Comrade Fernie, B. Cold guard as army. Take army. Take the Workers' on the sick Comrade J Ont., comes with seven dollar and tion Batter, turned on t labor thievin

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Com. Wm.