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Announcement

I wish to announce to my customers that I have changed our name of business to K & H. Sharbell. We also wish to say that we are in need of 20 tons of poultry and fowl, which we will pay one cent per pound more than you can get elsewhere for them, taking them all undressed. We are also in the market for your eggs and butter at top notch prices. We have a large stock of goods which we are offering at a small profit.

Come and give us a trial.

HOPE SHARBELL
Portage

2528-11-25M7ipd.

Announcement

It is drawing close to the first of December, and as this will be our last and final request in unsettled on the above date without satisfactory arrangements having been made, will be placed in the hands of our collectors for settlement. There is no excuse to offer, as we buy anything you have to offer at top prices, either for cash or placed to your credit on account. We are taking potatoes and turnips until December 1st.

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SANDRA THE JEALOUS
By Jane Phelps

SANDRA IS OVERWHELMED BY A NEW THOUGHT

"Have you seen the paper tonight?" Everett asked when he came in.

"No. I have been playing with Jun'or, and haven't looked at it. He is so cunning I forget everything when I am with him."

"Walter Kemp was killed yesterday; rather, injured, so badly he died this afternoon. An automobile accident."

"How terrible. Let me see the paper, please?"

It was only a short paragraph which told of Walter's death; the manner of it. He had a collision with another car, and while both his own chauffeur and the occupants of the other car had escaped, Walter had been terribly injured.

"Poor Rose. What an ending of her married life. She wanted to be happy. I know—unless it is my fault," I said, really thinking out loud more than addressing Everett.

"And so you have longed for happiness, Sandra? Hope you have found it." Everett returned very gravely.

"I made no reply. I WAS happy most of the time—in a measure. I could not tell him that the thought of what he had withheld from me, and had given Leola, was a constant hindrance to my happiness. I sent a telegram to Rose at once. I was so sorry for her. It was all so pitiful. Everett remained at home, that evening, and we talked of little else. I could not dismiss it from my mind.

"I am glad she went back to him, now," I remarked. "I thought her foolish when she did it. But I have a feeling she will be happier than she had now—she is his wife, and her sort of belongs to her now, even though he is dead."

"Yes, she will probably feel that way. Then too it will save gossip and newspaper talk, which would have been almost unavoidable had they been divorced."

"I had not thought of applying what I said to Everett until I saw him flush. Then it came to me, Leola belonged to him also, even though she was gone. No matter how she had flirted; how she had pined him when alive; no one could question his claim to her now.

"Suddenly Rose, her trouble, receded. Walter was gone. But Everett, the man I loved with all my heart could even now flush over the mention of his first wife—look on Leola—and so make me unhappy.

"I wish she was buried, fathoms deep in the ocean!" I thought, then wondered if he now visited her grave. If he ever had since we had been married.

"Strangely enough, with all my jealous thoughts and fears, this never before had occurred to me. Perhaps he made regular pilgrimages to it even now? The cemetery where she was buried was not far; he could easily take time from his business hours to go there and I never should be the wiser.

"What are you thinking of, Sandra?" I was startled at the question breaking in upon my thoughts. "Try and put Rose, her trouble, from your mind. We will do anything we can for her; but fretting and lying awake won't help her, and it will harm you."

"No—I wasn't thinking of Rose just then," I had only faintly heard or absorbed anything but his question.

"What then? You look very serious."


"Did I?" I laughed a little as I pulled myself together. Suppose he knew what was in my mind, what would he think of me? He would probably consider me a silly little fool. I answered the question to myself.

"Yes, and dear, perhaps Rose is happier than if Walter had lived—or will be happier after a while. He never would have been true to her—or to any one woman. I am ashamed to confess it, but there are such men who have no sense of sex faithfulness. He was one of them. No one knew from what she has been saved by his being taken from her now." He still thought me silly, only thinking of myself, and my determination to find out if he still made pilgrimages to the spot where he had laid Leola.

(To Be Continued)

HINTS FOR The Motorist
BY ALBERT L. CLOUGH

BATTERY PLATES ARE "BUCKLED"



P. W. writes: Shortly ago, my battery "went dead" and it was found that some of the plates were so bent that their corners touched the corners of others and short-circuited. Can this occurrence be prevented in the future and how?

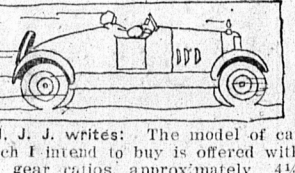
Answer: This bending or "buckling" of plates is caused by excessive changes in volume of the active material upon them, which the lead grids cannot resist and therefore they are forced out of shape. With good plates, properly supported, operating a battery for long periods at an excessively high temperature (about 110 F.) is the most common cause of buckling. Overcharging (too much current supplied from the generator), or a location of the battery where engine heat affects it unduly may result in overheating. You never make sure your battery is not receiving current greatly in excess of that required to keep it charged, considering the extent to which you use the lights. If you use your car mainly in the daytime and for long trips, at speeds overcharging and detrimental overheating may be taking place.

DECARBONIZING LIQUIDS AND ENGINE OIL

J. E. asks: Is it necessary to discard the engine oil and put in new after liquid carbon remover has been used in the cylinder?

Answer: It should not be. Many of such volatile substances that they soon evaporate rather than remain in the oil. So long as only an ounce or two of decarbonizer is used in each cylinder and there are possibly a couple of gallons of oil in the engine, the dilution of the oil would be almost negligible. To avoid even the possibility of evil results carbon remover may be used just before the time of changing engine oil.

WHICH GEARING FOR BEST GASOLINE ECONOMY?



H. J. J. writes: The model of car which I intend to buy is offered with two gear ratios, approximately 4:2 to one, and 5:1. What I should like to know is which gear will give me the better gasoline mileage. The country about here is comparatively level.

Answer: It would be folly for us to predict which gear would give you the better fuel economy. Tests alone would settle this question. Why don't you ask the factory this question explaining to them your local conditions and your driving habits? Perhaps you can get into touch with several users of this model, who have cars geared at both ratios, and find out how their fuel consumptions compare. In order to make cars go everywhere on high gear, extremely low gear ratios have come into use and, in a general way, we believe that this tendency has been carried so far, in many instances as to sacrifice fuel efficiency. Fortunately, if you decide wrongly, the result will not be serious, as the gearing can be changed at no great expense.

Questions of general interest to motorists will be answered in this column, space permitting. If an immediate answer is desired, enclose self-addressed, stamped envelope. Address: Albert L. Clough, care of this office.

TO PREVENT INFLUENZA

Colds cause Grip and Influenza—LAXATIVE BONO TABLETS remove the cause. There is only one "Promo Quinine" E. W. Grove's signature on box. 30c

SIR OLIVER LODGE'S WARNING ON THE PERILS OF RADIUM
(By A. J. Lorraine, in New York Herald.)

Red lights ahead! Danger! Beware! Other speles have risen to power and have perished. Is it man's turn next?

The earth's history is written, leaf after leaf, upon the face of the rock. The geologist has learned to read the record. What does he say? Whenever a race has reached a high degree of development this is the time of peril to its life. Giant reptiles sixty feet long used to walk the earth. What enemy could stand up against such monsters? Yet they became extinct millions of years ago. Perhaps they had become too big—they could not gather enough food to fill their huge paunch.

Today man is triumphant. Not by size, but by the marvellous ingenuity of his brain he dominates creation. Brontosaurus became too large and brought down on himself his own destruction. Is man becoming too clever? Is he going to set his own death trap?

The warning is sounded by Sir Oliver Lodge. It has been known now for a number of years that radium holds a pent up store of energy about one million times greater than that which we ordinarily obtain from an equal weight of the most powerful explosive or from any substance known. Until recently men had thought only of the possibilities of use for beneficent purposes to which such energy could be put if we only knew how to extract it in proportion to our needs. But the war has taught us many lessons, has reminded us that there is a devil in man. What if the secret of unlocking the strength of radium, if the "open sesame" of millionfold power, should fall into the hands of persons of evil intent?

Nitroglycerine and dynamite in the hands of an anarchist have slain men by the score. What if their victims had been multiplied by a million?

The sacrifice of lives by the allies in the war run well into seven figures. What if the enemy had possessed engines a million times more powerful than any now known? It would have spelt annihilation for us and scarcely an effort for the foe.

All these are speculations. What are the facts?

The Stock of Radium.

In the first place, radium is a very scarce commodity. The world's entire stock does not exceed a few pounds of impure radium. An ounce (troy) of the substance is worth more than three and a half million dollars. This will not seem surprising when we reflect that the United States government plant in the year 1915, for example, extracted between February 1 and October 10, three and a half tons of radium, or about 882 tons in all, to produce a total output of about one-sixth of an ounce of radium. By great care in the operation the cost of production was reduced to about one and a half million dollars per ounce! This allows no profit of any kind. Puring costs at \$10 per ton, an equivalent amount of the black diamond would cost \$340. There is, therefore, for the present little danger of radium driving coal from the market as a source of power.

But that is not all. Radium obstinately refuses to give up its immense store of energy except at its own chosen rate—and the rate it chooses is such as to make the proverbial snail appear like an express train. If you are willing to wait 1,700 years radium will by that time have given you one-half of its store! In another 1,700 years it will give you one-half the remainder, or three-fourths in all, and so on. So if you are at all in a hurry you will give the preference to coal!

But, as Sir Oliver Lodge indicates, we have been living on our capital as regards the world's supply of coal. Some day, not so far off perhaps, we shall run out of stock. That will put a somewhat different complexion on things.

For there is always a chance that some day some one may find a way to persuade radium to give up its energy at command and on a moment's notice. Then he will be able to perform wonders—establish express service to the moon, for example—if he has enough radium.

Yes, that is the other difficulty. Even if our government plant increased its output more than tenfold and made three ounces of radium a year, and supposing that we could coax this radium to give up its strength within the year, this would still be equivalent to only about one hundred tons of coal!

But there may be a way out of this difficulty. Radium is not the only substance that possesses this mysterious source of internal energy, so called intra-atomic energy.

The Workings of Force.

To understand the situation it will help to form a sort of mental picture of the "inside workings" of matter, whereby coal gives us heat under our boilers, or smokeless powder propels the shells from our guns.

The chemist whose work consists largely in controlling these "inside workings" of matter, may be likened to a building contractor. Sometimes he builds new substances—new houses, as it were—and at other times he tears down all. But in either case he is dealing with atoms, as the builder deals with bricks. He does not make the bricks—he gets them ready made.

Only the kind of bricks that the chemist uses are excessively minute. Many millions of them would comfortably find room on a needle point. And they have the peculiar property that you cannot break them up into smaller pieces. So when the chemist tears down one of his "houses" he can break it up until he gets down to the size of these bricks or atoms, but beyond that he cannot go. Neither can he obtain anywhere for building purposes any pieces of bricks. He has to use them whole as they come to him.

Some of the houses he builds, such as smokeless powder, he makes for the express purpose of pulling them down again at the proper moment. Then they come down with a crash and we have an explosion—in the gun-barrel, say.

But the thing to notice is that the crash is due to the house falling; the bricks themselves do not break and add to the crash of the falling house the clatter of their own disruption.

Now when radium gives up its energy something quite different happens. It is not the crash of the falling house, but the explosion, one by one, of the bricks themselves that gives radium its power. The radium house, as it were, built of explosive bricks, and the chemist has absolutely no control over their explosion. So many go off every second, one by one, until in 1,700 years half the house is gone! And there is absolutely no

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who has just returned from the fur centres of Europe with his chief buyer, Mr. Drolep, will be at the firm's office, Summerside, for a short time beginning Tuesday, December 2nd. This is an opportunity for silver fox breeders of P. E. Island to realize highest cash prices by marketing their output direct with a firm having all facilities for disposing of their furs judiciously on the fur markets of the world, through the ultimate benefit of the Island silver fox producers.

Fox breeders are cordially invited to participate in this extensive co-operative method of marketing their furs at home to best advantage, eliminating delays in getting returns from commission dealers.

For further information, appointments, etc., call, write or phone to their representative—

G. R. McQUARRIE,
Summerside.

Now the fact that the bricks of a number of substances have been found to be explosive—some of them at an extremely slow rate—suggests that perhaps all substances have this property, only some of them break up so slowly that we have not yet been able to detect the change. If this is so, then there is a vast store of energy in nature hitherto practically untapped and if we found the means of hastening the change we might draw power not only from radium, that rare substance, but from any one of the common elements.

Now the significant fact is that the bursting of the bricks, the atoms, is something vastly more intense than even the most powerful explosion of the structure as a whole. In the disintegration of the radium atom the fragments fly off with a velocity about forty thousand times greater than that of a rifle bullet. No wonder that an ounce of radium, if it could be made to go off at once, would suffice to hurl the entire Woolworth building 750 feet into the air!

Even so, we have not reached the hundred times while the calcium clock ran down one-half!

(Continued on Page Five.)

Before The Vice-Chancellor

In the matter of the application of Joseph Victor Bears, an infant, for sale of lands.

Pursuant to a Decreeal Order made in the above matter on the first day of December, A. D. 1919, by His Honour the Vice-Chancellor, I will sell up and sell by Public Auction on the premises on Thursday the 23rd day of December instant (1919), at one o'clock in the afternoon all the estate and interest of the said Joseph Victor Bears (being a devisee of one-third, under the will of his grandfather, the late Alexander Jackson) in all that tract, piece and parcel of land situate, lying and being on ownership Number Sixty-three, bounded and described as follows: Commencing on the North Side of Murray River at the Eastern boundary of a farm of land belonging to Lee Osborne, thence Northwardly in said last named boundary to Greek River, thence Eastwardly and following Greek River to the Western boundary of land owned and occupied by Grace Moffat, thence Southwardly along Grace Moffat's Western boundary aforesaid and thence along the Settlement Road leading to Point Pleasant, thence Eastwardly along the said Road to the Western boundary of Rosella Jackson's land and thence Southwardly along the same to a plot of land owned by James Clow, thence Westwardly and Southwardly along James Clow's land to Murray River aforesaid and thence along the River Westwardly to the place of commencement, containing Two hundred acres of land a little more or less, free clear and discharged of and from the dower interest of Clara Eliza Jackson, widow of said Alexander Jackson therein, and also all the estate and interest (being two thirds of the said Clara Eliza Jackson's share) as devisee under said Alexander Jackson's will, she agreeing to convey such interest to the purchasers.

The sale will be confirmed by the Court of Chancery without expense to the purchaser.

CONDITIONS AT SALE.

And I hereby notify and call upon all creditors of the estate of the said late Alexander Jackson or claiming any interest in his estate to come in and prove their claim before me on the premises immediately after the said sale, otherwise to be excluded from the benefit of the said Order and be barred from and against any claim against said estate.

Notice is hereby further given that immediately after the above mentioned sale, the Executors of the said Estate will sell on the premises by Public Auction all the personal and moveable property of the said Alexander Jackson.

Dated this 2nd December, A. D. 1919.

A. B. Warburton,
Master in Chancery,
K. J. Martin, Esq., K. C.
Solicitor.
2752-12-3-mwfm91.

Auction

I am instructed by Benjamin Mallett to sell on his farm at York

ON WEDNESDAY
DECEMBER 10TH, 1919
AT 12 O'CLOCK, NOON

ALL HIS STOCK, CROP AND FARM IMPLEMENTS COMPRISING

STOCK—1 work horse, 1 driving mare 7 yrs. (June Bay), 1 general purpose mare 7 yrs. (Hackney), 1 thoroughbred Clyde mare 4 yrs. (in foal), 1 draft filly 2 1/2 yrs. 1 foal 6 months old, 8 choice milk cows, (5 freshen early), 1 Holstein heifer 2 yrs. (in calf), 1 Guernsey heifer 1 1/2 yrs., 4 heifers 1 1/2 yrs., 1 calf, 3 brood sows, 20 fall pigs, 16 choice sheep, 60 hens.

CROP—15 tons hay, 300 bus. Banner oats, 100 bus. black oats (old Island), 100 bus. mixed grain, 50 bus. barley, 20 bus. Flie wheat, 20 bus. buckwheat, 200 bus. Dakota potatoes, 600 bus. turnips, large quantity of straw.

IMPLEMENTS—1 Bain wagon, set harrows, 2 wood sleighs.

Sale positive. No reserve.

If weather unfavorable sale will take place on the 11th at same hour.

TERMS—12 months credit on approved joint notes, 6 per cent. off for cash. All amounts under \$10.00 cash.

PETER BRODIE,
Auctioneer.
2752-12-3-mwfm91.

GETTING "HEP" TO THE GOOD EATS

A Host of Dyspeptics Can Get Back to the Old Days of Freedom by the Simple Expedient of a Stuart's Dyspepsia Tablet After Meals

"Gosh! I never knew before how good these little pork sausages were." Thus says the man who thought his stomach was gone for all time but who tried the simple expedient of a Stuart's Dyspepsia Tablet after eating. And with this for a start, he goes in for a cheese sandwich and a piece of hot mince, gets his stomach and eggs—in fact he forgets his stomach and thinks only of the energy and good feeling that follow eating the food that make most people ravenously hungry even to think of them. And all of this without sour risings, no gas, no belching, and a none of that drowsy heaviness that so often follows indigestion. Try these tablets after eating. They are used extensively wherever good eaters are found and are on sale almost everywhere in the United States and Canada.

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E. H. RAYNER,
Summerside, P. E. I.

FOXES FOR SALE

I have listed for immediate sale this week a few choice pairs of Standard Bred Silver Black foxes, also a few extra males and females.

Also have listed for sale this week a few medium grade Silver Black foxes.

Price according to quality and submitted on application. Write or call immediately or phone any day this week between 5 and 6 p. m.

Can ranch a few pairs of the above foxes.

B. Graham Rogers,
Summerside

2727-12-2-M31.