

GRANTS PASS DAILY COURIER

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SATURDAY, APRIL 2, 1921.

OREGON WEATHER

Tonight and Sunday, fair, colder in the interior. Light to heavy frost in the morning.

Let's Clean Up CIVIC PRIDE DEMANDS BEAUTIFYING STREETS

The committee recently appointed by the Chamber of Commerce to look into the matter of cleaning and beautifying our city have some suggestions to offer which if carried out will make Grants Pass the most attractive town in Southern Oregon. The committee recommends that Sixth street particularly be thoroughly cleaned up. Old piles of tin cans and rubbish removed; store fronts brightened up by a little paint; streets washed and flushed down; hedges trimmed; unsightly and condemned buildings removed. More sidewalks built on this street; old signs removed. In order that these improvements can be brought about the cooperation of every citizen and property owner is desired for only in this way can the proper results be effected.

MORE PEOPLE FOR OREGON

Oregon has got some mighty fine people—but she has not got enough of 'em. We need population, and the state is in no position to wait for home production, much as the Oregon product might be desired. So the state is going to reach out into other states and bring in people to farm idle lands, dig the minerals from the mountains, cut our trees and saw the logs, and do the various other things that must be done to put Oregon in the position which is rightfully hers in the world of industry.

Locally, we have lands that need clearing and cultivating. Josephine is up against a real problem in this, and we have homes for thousands of new people with the most favorable surroundings and conditions to be found in the west. All that is necessary is to carry the news to the people, to get them here that they may investigate. The state chamber of commerce has undertaken a program for the bringing of settlers to the state.

We Specialize

Do you know that very few stores on the Pacific Coast carry the complete line of QUALITY COFFEE that we do. Think of it, Fresh roasted coffee at from 15c to 60c per pound. Try our Number 18 at 50c. If you do not like it, ask us to refund your money and we will.

KINNEY & TRUAX DRY GOODS AND GROCERIES 101 & 105 N. 6th Grants Pass, Ore.

WOMAN STUMPS SCIENTISTS BY DISCOVERIES

Experiments, Begun as Hobby, Lead to Amazing Results.

GETS CRYSTALS LIKE RADIUM

Water Treated With Radio-Active Crystals Causes Bread to Rise Without Yeast—Stimulating Effect Upon Plants is Shown in Remarkable Growth—Other Marvels Performed in Experiments on Animal Life—Crystals Out of Air.

The story told in a book just arrived from England, where it was lately published, is of a sort to please the appetite for the marvelous that has been developed in recent years under the discovery of radium and the consequent succession of revelations concerning the amazing possibilities of radio-activity. According to this book, it is again a woman who, quite by accident, has made a remarkable discovery along these lines; its nature indicated by the title of the book, "A New Activity?" This woman, Sylvester Baxter tells the Boston Transcript, is Mrs. Maud Dickinson, widow of the late T. G. Dickinson. Mrs. Dickinson, although English by birth, was brought up from infancy in Burlington, Ia.

It was in 1911 that Mrs. Dickinson began to experiment, first as a hobby, with a view to finding a perfect antiseptic for medical use. While traveling in the east Mrs. Dickinson had been impressed by the healing, health-giving and preserving qualities of the oriental essential oils. So she began to investigate their therapeutic properties. Her researches appear to have been conducted along alchemistic lines. Taking various organic oils (cinnamon, orange, lemon, pine, lavender, laurel, rosemary, violet, etc.) together with the many rare Eastern gums, "she found that by a certain blending of these, according to ancient and traditional rites, already known to her from both the inspired and the ancient Egyptian writings, that she could produce an 'antiseptic perfume' of exceptionally high therapeutic and germicidal value. To the commercial development of this, and many other hygienic preparations, Mrs. Dickinson successfully gave her attention for a year or so.

Late in 1913, while preparing an "antiseptic medical cream soap" with a mixture of these oils, resins, etc., Mrs. Dickinson found certain minute crystalline particles precipitated upon the paper at the top of the jar containing the compound. She thought at first these were impurities accidentally present. But on December 24 she examined them with some care under a microscope. They were reddish brown and glittered and scintillated in the sunshine. Mrs. Dickinson, finding them apparently in some "active" state, exclaimed "Radium!" laughing from what she had heard that radium so appeared.

Examining them carefully, and finding that the combination of oils and gums contained no solid matter, having been filtered several times, she took the crystals to the head chemist of the London chemical firm that had specially obtained the oils, etc., for her from the East. He could not account for them, but said they reminded him of a kind of refined pitchblende (the source of radium). Next she found that such minute, shining crystals could be collected from blotting paper saturated with the mixture. Advised to conduct some fusing-experiments, she obtained from the explosion of a closed retort a new, hard, translucent crystal like a diamond. Obtaining other crystals by different methods, it has been found that they all have radio-active properties.

Not being scientifically trained, Mrs. Dickinson has pursued her investigations along empirical lines; hence she has probably made less progress than she would if she had given them into the hands of competent scientists. But for four years she kept to herself the secret of her process. Although she called her product "Organic Radium," it was simply as a name in contrast to the inorganic substance called radium. From what is said of Mrs. Dickinson it would appear that it can hardly be a sordid motive that induced

secrecy as to her methods, but rather the desire, common to so many persons, "to do everything herself." It is related that she has always considered before any ideas of fame or wealth the sacred cause of benefiting humanity. She has long desired to show the world the way to cure cancer. Previous to her discovery she was already known as an expert in hygiene and is the author of over fifty different inventions in that line. After having worked unaided for four years, it is announced that she has at last placed her work in the hands of a scientific authority, so that the year 1917-18 is regarded as the close of the first period of her researches.

Crystals Out of the Air. One of Mrs. Dickinson's theories is that from one of her radio-active crystals in a sealed glass tube she can collect others within the vicinity. (Materialization?) Her explanation is that the rays emitted by the crystals, after passing through the tube and mixing with the atmosphere, condense to a nucleus that absorbs matter and organizes a crystal out of the moisture and other substances in the air. This suggests the prediction of Sir Oliver Lodge "that the day would come when we should be able to harness the electricity of the air."

Mrs. Dickinson's first observation of these crystals as being radio-active was when one of them burned her hand. Then it was found that they affected photographic plates. Some extraordinary results are reported as to what has been done with this radio-activity. Mrs. Dickinson, trying the effect of the crystals upon practically everything imaginable, is said to have produced a "radio-active soap" highly efficient in cleansing wool. Making water radio-active she has produced a table water; with this water the growth of plants is said to have been remarkably stimulated. Gold was successfully separated in a few hours from the arsenic in certain Welsh ores. Bread without yeast was made with the radio-active water; 56 loaves of this bread were sent to British prisoners in Germany. Three weeks on the way it arrived so fresh that it was thoroughly enjoyed. Radio-active yeast, also produced, is said to have proved so superior as to make the nicest sort of bread out of inferior flour. Excellent wines have also been produced.

Radio-active coal, made so by the radio-active water, was reported by an engineer to have been improved to the extent that a quantity of it ran a locomotive 39 hours longer than the same quantity not treated. Radio-active water was found to be highly effective in ridding steam-boiler tubes of scale. Crystallized fruits have been produced and vegetables preserved, while the natural colors have been extracted from flowers by the radio-active process. Ordinary paint is reported to have been greatly improved by the use of radio-active oil.

Stimulating Effects. The stimulating effect upon plants treated with radio-active water appears to have been so marked that a carnation so treated was ten days in advance of one grown under ordinary conditions, while its stem was six inches longer. Similar effects were reported from experiments with animal life; frogs' eggs in radio-active water hatched readily and the polywogs grew rapidly; eggs in ordinary water at the same time did not hatch at all.

The remarks made by various scientific men indicate that Mrs. Dickinson's discovery does not belong in the Keeley motor class. For instance, Sir James Dewar says: "If this discovery can be proved to be organic, it is the discovery of a new world, but it is too gigantic even to dream of." Sir Oliver Lodge says: "It (the radio-activity) is not manufactured; it is a new discovery." Sir William Barrett: "The results you have obtained are simply astonishing, but until I know more of the source of this radio-activity, it is impossible to say whether you have made a new discovery or not." Prof. F. W. Keeble: "This discovery does more than was ever expected from radium, which radium was discovered." Prof. W. F. Gairdner: "It is a mystery." Julius Meier: "This is not radium; it is a new discovery, and not to be mentioned in the same breath."

CURED BY SUDDEN FRIGHT

Philadelphia Man Relieved of Hiccoughs in Curious Manner.

Unexpectedly meeting an Angel, clad in white and armed with a lance, cured Edgar Peters of Philadelphia of an attack of hiccoughs.

Peters, thirty-two years old, who resides at No. 714 Spruce street, was seized with an attack of hiccoughs at the dinner table recently. When the attack did not cease after several hours he went to the Pennsylvania hospital.

Waiting for the arrival of a surgeon for nearly half an hour Peters was nervously pacing the floor of the receiving ward, when Doctor Angel, a resident physician, entered unexpectedly, still garbed in a white operating gown and carrying a surgeon's lance.

"What's the matter with you?" asked the surgeon of Peters. "Nothing," replied the other. I came here to be cured of the hiccoughs, and I'm cured." And he left.

Physicians explained that fright or sudden surprise will often cure an attack of hiccoughs.

And That is Not Much. Jud Tunkins says there have been some specimens of propaganda that you couldn't attach any more importance to than you could to a valentine.

To Voice a Just Tribute:



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Gulbransen Player-Piano

to be the greatest boon to music lovers produced in the last decade. It is a piano that anyone can play—a piano through which the work of great pianists are brought into your home.

You can be sure of having the latest and best Piano music if you have a GULBRANSEN.

They are Nationally priced and the price is guaranteed for all of 1921. Your old piano taken in as part payment and liberal terms on balance.

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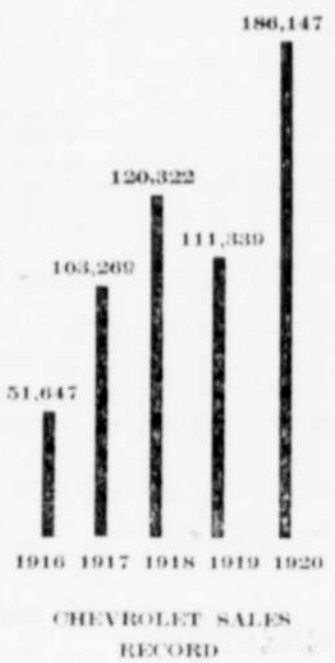
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By selling 50,000 Model "Four Nineties" before August 1st, 1921, we can effect large economies in materials and manufacture.

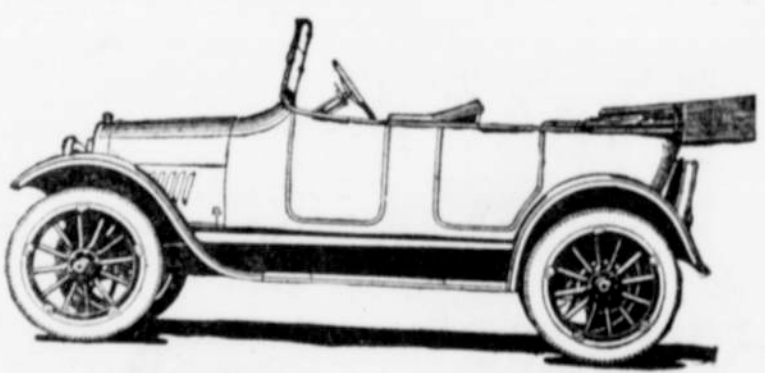
And we will pass these benefits on to you.

We will give you \$70 if you buy an open car and \$100 if you buy a closed car. This refund will be made on the purchase price of a "Four-Ninety" Model provided 50,000 of these cars are sold.

Let us explain the details of this unique and simple plan to you.



W. S. Maxwell & Co.



Chevrolet Model "Four-Ninety" Touring Car, \$820 — Additional "Four-Ninety" Models: Roadster, \$795; Sedan, \$1375; Coupe, \$1325; Light Delivery Wagon (1 seat), \$820; Chassis, \$770—All prices f. o. b. Flint, Mich.

Albania's Devastating Earthquake



First photograph from scene of recent earthquake in Albania, which caused more than 200 deaths, destroyed 2,000 homes and made 15,000 people homeless. The picture shows the desolation in the town of Tepelene.

Spring and Summer UNDERWEAR. Some extra good values in Men's, Women's and Children's Underwear received this week. Men's full cut, fine quality, athletic union suits... 96c. Men's well made full cut mesh union suits, ankle and knee length... \$1.00. Men's fine ribbed union suits long and short sleeves... \$1.00. Men's Balbriggan Shirts and drawers per garment... 65c. Boy's fine ribbed union suits, short sleeves and knee length... 50c. Ladies fine ribbed union suits regular top and bodice top, sleeveless and cuff knee... 50c. Girls' fine ribbed union suits... 50c. Ladies sleeveless vests all style, and priced from... 25c up. Golden Rule Store THE HOME OF MUNSING WEAR