

Faults in Materials**Revealed by the X-Ray**

Rapid analyses of materials in the laboratory by the use of X-rays in a much shorter time than required by the older chemical methods is promised by Professor Urban of the Sorbonne, according to Science Magazine. With the assistance of Eugene Delbony, he has just completed a series of tests of the X-ray method.

The apparatus used is composed of an X-ray tube; a lead screen in which a small slot has been pierced; a "selector" or tantalum, as a filter for the rays; a stand to hold the piece to be studied; and a detector to measure the intensity of the radiation received—the intensity being indicated by the displacement of an illuminated spot.

The material to be analyzed is placed in the beam, and when it is in good condition, the spot of light remains stationary; but if a fault in the material appears, the electrometer registers promptly. By recognized laws of physics, the deviation is proportionate to the amount of the fault in the matter. By this method the smallest faults can be detected.

Artificial Butter

Butter which contains no milk, but is said to be palatable, nutritious and cheap, is being prepared by a European chemist, according to Popular Mechanics Magazine.

He uses waste fats and tallow, first washing them into small pieces and melting them by steam in wooden vessels. Add soda is then added and the substance boiled for several hours, after which it is strained through flannel and churned. Oil or sour milk may be

added if desired, but they are not necessary. By adding a small quantity of honey the taste is improved, and the artificial butter is said to keep better and go 10 per cent farther.

AT A DISADVANTAGE

Movie Publicity Man—I can't think of a single new thing for our child star.
Assistant—What a pity she's too young for divorce!

Disastrous Landslide

The Frank landslide in Alberta, Canada, occurred on April 23, 1903, when the summit of Mount Purdie crashed down into the valley and spread along it for two miles. As the slide was narrow in the first part of its course, only a small portion of the town was carried away. Sixty-five men, women and children were killed.

San-Yak

PILLS FOR DIABETES
Stomach, liver and bowels. Strict diet not required. One pill at night lends unusual good rest.
Sold at Smith's Drug Stores

STATE OF MICHIGAN.
In the Probate Court for the County of Oakland.

At a session of said Court, held at the Probate Office in the City of Pontiac, in said County, on the 21st day of December, A. D. 1925.

Present, Hon. Ross Stockwell, Judge of Probate.

In the Matter of the Estate of FRANK M. WALTERS, Deceased.

William H. Walters, administrator of said estate, having filed in said court a petition praying that the time for the presentation of claims against said estate be limited and that a time and place be appointed to receive, examine and adjust all claims and demands against said deceased by and before said court.

It is Ordered, that four months from this date be allowed for creditors to present claims against said estate.

It is Further Ordered, that the 10th day of May, 1926, at eight o'clock in the forenoon, at said probate office, be and is hereby appointed for the examination and adjustment of all claims against said deceased.

ROSS STOCKWELL,
Judge of Probate.
(A true copy)
Dan A. McGaffey,
Probate Register. Jan 1-15

STATE OF MICHIGAN.
In the Probate Court for the County of Oakland.

At a session of said Court, held at the Probate Office in the City of Pontiac, in said County, on the 18th day of December, A. D. 1925.

Present, Hon. Ross Stockwell, Judge of Probate.

In the Matter of the Estate of CLAUD R. REYNOLDS, Deceased. Chas. Reynolds, administrator of said estate, having filed in said court a petition praying that the time for the presentation of claims against said estate be limited and that a time and place be appointed to receive, examine and adjust all claims and demands against said deceased by and before said court.

It is Ordered, that four months from this date be allowed for creditors to present claims against said estate.

It is Further Ordered, that the

10th day of May, 1926 at eight o'clock in the forenoon, at said probate office, be and is hereby appointed for the examination and adjustment of all claims against said deceased, and for the examination and allowance of her final account, determination of heirs, assignment of residue and discharge of said administratrix.

ROSS STOCKWELL,
Judge of Probate.
(A true copy)
Dan A. McGaffey,
Probate Register. Jan 1-15

STATE OF MICHIGAN,
In the Probate Court for the County of Oakland.

At a session of said Court, held at the Probate Office in the City of Pontiac, in said County, on the 22nd day of December, A. D. 1925.

Present, Hon. Ross Stockwell, Judge of Probate.

In the Matter of the Estate of CHARLES H. LEACH, Deceased. Clinton McGee, executor of said estate having filed in said Court a petition praying for the examination and allowance of his final account, assignment of the residue of said estate and the discharge of said executor.

It is Ordered, that the 25th day of January, A. D. 1926 at eight o'clock in the forenoon, at said Probate Office, be and is hereby appointed for hearing said petition.

It is Further Ordered, that public notice thereof be given by publication of a copy of this order, for three successive weeks previous to said day of hearing, in the Farmington Enterprise, a newspaper printed and circulated in said County.

ROSS STOCKWELL,
Judge of Probate.
(A true copy)
Dan A. McGaffey,
Probate Register. Jan 1-15

Channel Island No**Place for Motorist**

There is a part of the British empire not 100 miles from the south coast of England where motor cars are practically unknown and certainly not wanted. It is Sark, the smallest of the Channel islands and the authorities have made a law forbidding any motor car to run over their roads.

The people of this island had never seen a motor car till last May, when Dr. P. Lake Hope, the newly appointed medical officer of the island, innocently enough shipped his car from England.

Doctor Hope, however, was not allowed to run the car over the roads and when his daughter defied the law by driving it the four-and-a-half minute journey from the little harbor up to their house she was severely admonished and fined \$10 and warned that next time the car would be confiscated and a fine of \$50 imposed.

The medical officer has been compelled to store his car and use the engine to drive a dynamo for electric lighting and for charging accumulators for electrical treatment for patients.

Malicious Story Told on Popular Novelist

A story about Michael Arlen, the latest literary sensation, is going the rounds of literary New York.

According to this story a pretty Chicago girl sat in the lounge of a fashionable New York hotel, absorbed in one of Mr. Arlen's novels. A gentleman entered; he talked a while with a Chicago editor whom the girl knew; then he departed.

"Do you know who that was?" the editor said, hurrying to the girl's side.

"Who was that?" said she.

"That chap I was just talking to."

"No. Who was it?"

"Michael Arlen!"

She put down her book, rose and hurried to the door. She gazed intently after the figure of the Armenian novelist as it receded down the corridor. Then she came back and sank into her chair again.

"Good heavens!" she said.

Coat Returned in Envelope

Washington State Forest Supervisor Sylvester has received the weatherworn remains of an overcoat which he left on the summit of Overcoat peak in the Cascade mountains 26 years ago, according to a press dispatch from Wenatchee, Wash. The garment was forwarded to him in an envelope.

Sylvester said that he left the coat buttoned around a rock for use as a signal when he completed surveying in that region in 1897. The peak was named from the coat.

Floating Foundry

A floating foundry equipped with electric furnaces for melting metal and electric ovens for baking molds has been added to the United States navy by the commissioning of the U. S. S. Medusa, the first vessel to be designed and built solely as a repair ship. The Medusa can go to any port, however remote, and make any casting, except the very largest, that a man-of-war might require.

Record Broadcaster

A new 100-kilowatt station is under construction at Herzogstand, Bavaria, which will enable crystal set owners to hear the programs throughout all Germany, says the Scientific American. This will be the most powerful broadcaster in the world. The second largest German broadcaster will be Koenigsberg, rated at 60 kilowatts.

Hidden Gun Fatal

When his pitchfork, suddenly plunged into the hay at Moose Jaw, Sask., struck a double-barreled shotgun that had been hidden there, the gun exploded and the shots hit Harold Clark, wounding him so severely that he died four hours later. Mr. Clark had gone to his barn to feed his stock and did not know that the gun was cached in the hay.

Canadian Industries

Though Canada has only a small percentage of the world's population, she produces 68 per cent of its asbestos, 85 per cent of its nickel, 32 per cent of its pulpwood, 20 per cent of its lumber, 20 per cent of its cured fish, 16 per cent of its oats, 16 per cent of its potatoes, 11 1/2 per cent of its wheat, 11 per cent of its barley.

The Gates to Paradise

By DOROTHY DOUGLAS

(Copyright.)

MARK WINGATE walked slowly along the suburban street, glancing closely at each number and regarding the surroundings with the eye of a prospective tenant. As most of the houses in Crescent Terrace were for sale at little more than the mortgage covering them, Mark's passage occasioned considerable hope and false expectation in the hearts of numerous housewives, and out-of-work husbands.

But luckily for Mark, he escaped the drab little houses of the Crescent and crossed the side street to find himself facing a row of delightfully fresh little cottages, all white or off-white, with carefully tended gardens and shining windows. Each cottage had a name painted over its porch, and Mark knew that he was on his way to the ideal boarding place mentioned by the hotel keeper.

"Just you go down to Green Terrace until you come to Paradise Gate—there, you'll find a pleasant room overlooking the valley and the river, it's clean, quiet and the cooking is delicious. Martha Forman and her niece, Cynthia, live there alone."

So Mark passed by dozens of small houses and came at last to the end of the row, and the whitest house with the liveliest little garden and the most shining windows, was marked, "Paradise Gate." Mrs. Furman was plump and rosy and fresh, and she took Mark upstairs to the most delightful room that seemed to overhang the beautiful little valley and the willow bordered stream that wound through the bottom land.

"It's like living out on a balcony," she said cheerfully. "My niece, who has been teaching school here for a year or so, left yesterday for the West, so that I can spare this room that was hers. Mr. Smith telephoned yesterday that you were coming, so I got it ready for you myself."

Business matters settled, Mark went back to the hotel for his baggage, and after lunch settled down to an afternoon of unpacking his books and preparing to attack the work he had in mind. It all had to do with a magazine article that was to be written on the lovely valley which, in its day, had been the scene of early American historical events.

When everything was prepared and he sat down at the long table placed across the valley window, his mind persisted in wandering away from the subject of American historical associations and digging among the ashes of his dead love affair.

He knew it was the repetition of that girl's name, Cynthia, Mrs. Furman's niece. He had known a Cynthia and given her the one love of his life. Two years ago they had married and Cynthia had disappeared, leaving no clue to her few friends to follow. She had never seemed to have much of a family. He had met her at an art school in New York.

He was staring down at the valley with unseeing eyes, when there came a brisk little tap at the door. When he called "Come," he got up as Mrs. Furman entered with an open telegram in her hand.

"I am so sorry to trouble you, Mr. Wingate, but I have just had a telegram from my niece, Cynthia. She says she left a picture in the tiny drawer of the writing table and she wants me to take it out and send it to her without looking at it, so to avoid seeing it, perhaps you will make it out for me and wrap it up in the message," ended the honest woman.

"Certainly, but I hope she will not mind that," objected Mark, as he found the secret drawer and thrust his hand inside.

"There is a small framed picture here," he said, drawing it out, "and I am keeping the glass side down, so that her wishes may be respected."

Mark carefully handed over the little frame, with the glass down, but from one end and dropped a cut-down photograph. It poised on one corner on the rug, and fell over on its back, plainly revealing the handsome features of Mark Wingate himself!

"Why, it's you!" screamed Mrs. Furman, making a dash for it.

"Then your niece, Cynthia, is my Cynthia Moore," said Mark, shaken to the heart by the discovery.

"Of course, that is her name!"

"Let me tell you a story, Mrs. Furman," said Mark, and he followed her down stairs.

It must have been a convincing story, because Mrs. Furman allowed Mark to deliver the picture to Cynthia in person, and exact from her the confession that when she heard that he was coming there she had promptly fled from the scene.

They were married before they returned to the village, and Robert Smith, the hotel keeper, was the first to greet them. "I'd never shown you the way to Paradise if I'd known you were going in to take our favorite school teacher," he told Mark, jovially.

Mark looked at his bride and Cynthia looked at Mark. "There are many roads to Paradise," she said with a smile, "but this happens to be ours. Shall we go, dear?"

Fraud Quickly Exposed

By means of moving pictures of voters' lists in a recent election in Marseilles, France, writers were able to send letters of inquiry to each of the 100,000 names on the list, 12,000 misfires coming back marked "unknown" or "dead," thus exposing the fraud within five days.

SPRING WILL SOON BE HERE

With It Will Come Spring Prices on Real Estate

The low price of \$695.00 and \$795.00 for resident lots in BUILDER'S PARK is still in effect. (This price includes all improvements.)

A small down payment will secure your lot, then small payments each month.

There is no better investment than real estate, especially when it is located in the path of immediate development as BUILDER'S PARK is.

If you would save at least 50 per cent of spring prices on real estate and invest your money where it will bring you the best returns, call at our office and we will be glad to talk it over with you. Don't wait too long, by investing now you will realize a much greater profit for the amount invested than you will by waiting until spring.

Our office is open every day and evening, and Telephone No. is 185. Take advantage of this opportunity by seeing us or calling us.

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