

ROYAL BAKING POWDER

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NO ALUM—NO PHOSPHATE

SCIENCE—INVENTION.

New Way to Make Pure Iron.

An entirely new method of producing pure iron, which, it is believed, will save the electrical industries of the country over \$15,000,000 annually, has been discovered by Dr. Trygve Yensen, an assistant in the engineering experiment station of the University of Illinois.

The method used by Dr. Yensen consists of melting electrolytically refined iron in a vacuum, reducing the impurities thus far below any point which had been reached by previous investigators. The magnetic property of this vacuum fused iron has proved to be so remarkable as its purity. Its maximum possibility, i. e. measure of ease with which it can be magnetized, was found to be about 20,000, which is two or three times higher than for the best magnetic iron or iron alloy previously produced.

A practical result of this investigation is that if it should turn out to be commercially profitable the amount of material needed for electrical machinery such as transformers could be cut in two, and the losses which occur continuously as long as the machine is in operation would be greatly minimized.

Geological Survey Work.

The thirty-sixth annual report of the director of the United States geological survey, just made public, emphasizes not only the widespread activities of this scientific and economic organization, but their great diversity. The survey investigations cover every branch of the developed and latent mineral resources of a country whose mineral resources are the greatest in the world. The work of the survey is conducted under three scientific branches and includes three corresponding kinds of activity. Under the geological branch investigations are made concerning the mineral resources of the entire United States and Alaska, ranging from truly exploratory surveys of regions practically unknown to white men to the most detailed geological examination of mining camps. Last year 70,000 square miles were thus geologically examined.

Double Capacity of Scales.

The ordinary variety of spring scales can be made to weigh double the amount given on the dial by the simple beam arrangement shown in the illustration, says Popular Mechanics. Suitable dimensions are given, although these may be varied to suit the requirements. The only thing to remember is that the hook must be located exactly halfway along the beam measuring between the two knife edged pieces of wood fixed at the ends. The beam should be made of light but strong wood one-quarter inch thick and the end pieces one inch long. In use the beam should be approximately level, with one end placed on the center of the scale platform and the other end set on a support, which could be a piece of wood nailed to the wall or any other support. The object hung on the hook will show only half its weight on the dial. Thus if the pointer indicates fifteen pounds the object weighs thirty pounds.

Drive on the Throttle.

Slow down when possible by means of the throttle and not by means of the brakes. If you keep your eyes open and do not rush wildly along the roads you will hardly ever have to touch your brakes, inasmuch as the opening and closing of the throttle will regulate your speed. Use of the brakes means wear and tear of mechanism and tires. Use of the throttle means gentle action.—Automobile Dealer and Repairer.

Ship of the Desert.

"Johnny," said the teacher, "what is a dromedary?"
Johnny didn't know, but Ralph did. "I know," he said proudly. "A dromedary is a two masted camel."—Christian Register.

HOLY FAMILY.

Sunday night there will be devotions to the Sacred Heart and a sermon.

The funeral of Albert Rittersback was held Friday morning at 9 o'clock.

The funeral of Albert Austin who was struck by the street cars, Thursday night was held Saturday morning.

The funeral of Mary Heinsler was held Friday morning at 9 o'clock.

The funeral of Mildred Bubel was held Thursday, aged 3 years, 8 months.

The collection for the Diocesan Charities was taken up Sunday.

The following officers were installed on Tuesday evening by the Ladies' Auxiliary: Pres., Mary Huether; 1st vice pres., Mary Engl; 2nd vice pres., Eva Dries; Recorder, Florence Kuz; Sec'y., Emma Haag; Treas., Mary Wohlrab; Guard, Catherine Kuz; marshal, Rose Kohlmier; sentinel, Catharine Henchen; trustees, Eva Schulnauf, Helen Coady and Theresa Koch.

Holy Rosary Parish

Prayers were offered for the repose of the soul of Jane McLaughlin.

The monthly meeting of the Rosary Society was held last Sunday.

The Holy Name Society will receive Holy Communion next Sunday.

The Dutch supper held by the women and girls of the parish was a great success. Over five hundred people were served.

Holy Redeemer.

Last Sunday afternoon the Sacred Heart Society had a conference.

The annual Charity collection was taken up last Sunday.

The requiem masses were read this week for Nicholas Bittner, Mr. and Mrs. Whitman, Anna Unger and Mary Kawczonki.

The funeral of Miss Mamie Bopp took place Friday morning at 9 o'clock.

The Holy Redeemer Alumni held their annual banquet Wednesday evening. A large crowd was present and it was enjoyed by all.

The marriage of Miss Philomena M. Vorndran to Mr. Arthur F. Heyer took place Thursday morning at 9 o'clock.

Friday evening at 7:45 o'clock the Windthorst Study Circle held their lecture in the hall. Rev. Father Eshrich gave the lecture on "Religion of the Iroquois Confederacy."

Now Is The Time

To start that business course you were planning to take at the L. Williams Rochester Commercial School which gives practical instruction in the commercial branches. Osgoodby-Pitman and Gregg shorthand with rapid touch typing in the most thorough manner. Send for catalogue, No. 27 Church street. Both telephones.—Adv.

Why Methuselah Sighed.

"If I had seen these suggestions on diet sixty years earlier they would have prolonged my life 200 years," Mr. Methuselah remarked with a bitter sigh as he threw aside the morning paper.—Judge

The Fan Belt.

If you find yourself with your fan belt broken and have no spare one there is no harm in driving without the belt if the weather is cool and you drive slowly, so that the water does not boil and if, further, you stop if it does boil and give it time to cool. In cold weather you can drive without the fan altogether, says Automobile Dealer. Indeed when it is freezing, you often get more power and better running by doing so.

Light For Damascus.

The stream which has been supplying the ancient city of Damascus with water for nearly forty centuries has been harnessed and will provide electricity to light the city and operate 100 miles of railway.

Cost of Producing Salt.

The 60,000 barrels of salt produced in the United States in 1930 averaged a price of \$0.81, while the 25,000,000 barrels produced in 1914 averaged \$0.295.

The Spark Plug.

A porcelain spark plug may be tight when cold and leak when the engine is hot. This is due to unequal expansion of metal and porcelain.

Aluminum Foil.

Aluminum foil, formerly imported, is now produced in New Jersey. It partially replaces tin foil for wrapping chocolates, tobacco and tea.



Col. Frank J. Schwab

Knights of St. John To Hold Ball

The thirty-fifth annual military ball and regimental drill of the First Regiment, Knights of St. John will be held at the Armory on Thursday evening, Feb. 17th. It is expected that at least five thousand people will attend.

Honors To Nazareth Pupils

A few months ago the New York State Historical Society offered prizes for the best essays on "Why New York Is Called the Empire State." The contest was opened to all high school pupils of the state. Each pupil contesting was obliged to certify that the essay submitted was entirely his own work and that no aid had been secured other than suggestions as to what books should be read.

Announcement has been made through the treasurer of the association, James A. Holden, that the first prize, \$10 in gold, has been awarded to Elizabeth Schleyer, and third prize, \$2.50 in gold to Dorothy Brown, both pupils of Nazareth Academy, of this city.

Confraternity Plans

Valentine's Party.

St. Mary's Hall will be the scene of a gay Valentine party next Monday evening, in charge of members of the Confraternity of Mary. Four promoters, representing that number of bands in the confraternity, met in the hall with those who will entertain to plan the party next week.

The Misses Marie Duffy, Dorothy Lewis, Sadie Dove and Cecilia Carey are the promoters who will have charge of the party. Although part of the program is being kept a surprise, it is known that a sketch will be given. One feature of the evening will be the installation of the newly elected officers of the confraternity. Luncheon will be served after the entertainment, which is to be open only to members of the organization.

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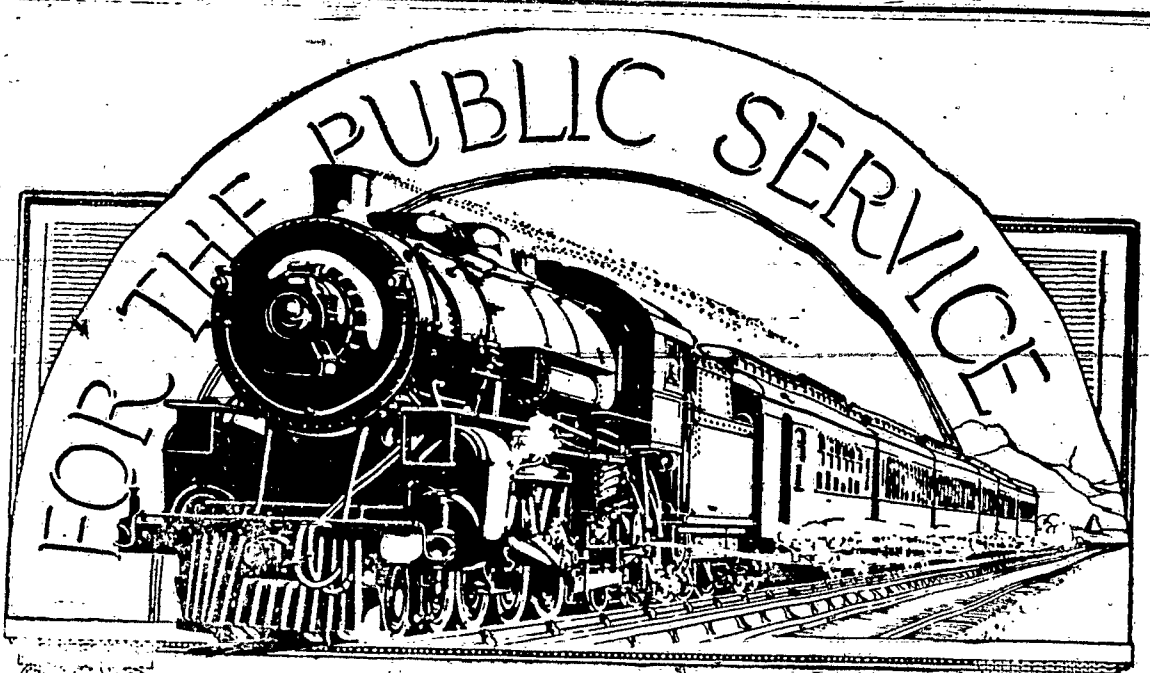
BRIGHT BRIEFS.

Some of us want our bread buttered on both sides.

A man lacks a sense of humor when his humor lacks sense.

Never worry about troubles today that you can put off until tomorrow.

As a general thing, snail is the complaint of those who have nothing to complain of.



The Standard of Service

THIS great railroad system is owned by 30,000 stockholders. It is operated by their chosen officers for the public service.

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