

HIGH HOPES HANG ON OXYGEN LENS

Things to Be Seen Through One 50 Feet in Diameter.

GAZ TO BE USED INSTEAD OF GLASS

Unique Way of Getting an Absolute Vacuum--A Curious Laboratory. Taking Photographs in the Dark. Other Queer Things.

From the Philadelphia Times. The study of the stars is likely to be revolutionized by a new discovery. Before long telescopes will be provided with lenses not of glass, but of oxygen gas.

Such are the claims made for an invention which is the achievement of Professor James Watson. The beginning of it was simply a short piece of iron wire, in the ends of which pieces of glass were set.

A gas, of course, is composed of particles of matter which are flying about, exerting toward each other a mutual repulsion. Thus it will be understood that the molecules of oxygen in the little box were attracted toward the magnetized iron ring.

FAR MORE PERFECT.

But this is by no means all. The lens of oxygen gas is necessarily far more perfect than any glass lens can be made, inasmuch as the particles of oxygen under such conditions as those described arrange themselves in accordance with mathematical law.

Professor Gates believes that there is practically no limit to the size of the oxygen lens. His discovery will bring the whole stellar field into comparatively near view, and the astronomy of the near future will be a science enormously more far-reaching than anything hitherto known.

NATURE OF ETHER.

Professor Gates has been making some researches recently which throw light upon the nature of ether, which is supposed to fill all interstellar space. Hitherto science has been disposed to claim that this mysterious element, if such it may be termed, was homogeneous and continuous everywhere.

However, Professor Gates thinks that he has made a beginning of research in this direction. The first step has been accomplished by devising a means of creating an absolute vacuum--something never accomplished hitherto. Though the air in a receiver may be reduced by an exhaust pump to the utmost tenacity, even to the one-millionth of an atmosphere, the tube of hard glass containing it is not a perfect vacuum.

This remarkable result is accomplished in a very simple way. To begin with, the Professor takes a tube of potash glass. This is an extremely hard glass, requiring a much greater heat than any other kind to melt it. He fills the tube with another sort of glass that is very soft, having a melting point 500 degrees lower than that of the potash glass.

PHOTOGRAPHS IN THE DARK.

Here, then, is a quantity of absolutely pure ether. The question is, will it exhibit under certain conditions any phenomena calculated to throw light upon its nature? One thing which Professor Gates has accomplished by means of it is the taking of photographs in the dark, but declines to say much about that, inasmuch as he has made only a beginning at it.

HARDD ABERTAW E Y DYDDIAU GYNT

History of the Men of Swansea of Long Ago.

NEW EDUCATION BILL BY MR. GEE

He Has Constructed a Bill That Will Prove a Godsend to Mr. Balfour and Sir John Gorst, and Will Secure for the Author the Gratitude of His Countrymen.

Many a writer has been fluent in his description of Swansea--of the beautiful bay, comparable with that of Naples, with the unequalled position of the place, an accessible coast, the mineral treasures so abundant in all quarters.

As described to the New York Journal correspondent at Hamburg by the assistant of Professor Deutschmann, the great operation is as simple as it is startling. Professor Deutschmann does not attempt to replace a diseased retina, nor does he claim that he can substitute the retina from a rabbit for that of a human being.

BLIND MADE TO SEE.

By Means of Transfusion of Vitreous Humor from a Rabbit's Eye.

There are six people in Hamburg whose eyesight has been restored by Professor Deutschmann through the transfusion of vitreous humor from the eye of a living rabbit. Upon one of these patients the operation was tried successfully on both eyes. These persons were all nearly blind when operated on.

EDUCATION BILL BY MR. GEE.

The "Banc" makes the announcement that Mr. Gee has a new elementary education measure ready, and that it will soon be published. It is gratifying to the friends of the cause of education in this direction, that Mr. Gee has constructed a scheme "that will be agreeable to the government and satisfactory to all parties."

Wadsworth Whittier, a Boston newspaper man, and relative of the poet, has written a Cuban comic opera, under the rather striking title of "A Cuban Carmen, or the Duke of Peveranza," which may have a New York production shortly after election.

REVIVO RESTORES VITALITY.

Made a Well Man of Me. THE GREAT 30th Day. FRENCH REMEDY produces the above results in 30 days. It acts powerfully and quickly. Cures when all other fails.

A SHIP ON WHEELS.

How a French Inventor Proposes to Move a Great Boat. A French builder has just put the finishing touches in the City Iron Works, at St. Denis, to a vessel with which he expects to literally revolutionize the science of aquatic locomotion.

DR. PARRY TESTIMONIAL.

An action was brought at Cardiff county court recently by the Hon. Anthony Howell, treasurer of the Maesteg committee of Dr. Parry's National Testimonial fund, to recover the sum of fifty-one dollars, moneys which had been retained by the defendant.

NOTES.

A professor in one of the Welsh universities, speaking in his class quite recently, asked of a student, "What comes after death?" No reply. The question was repeated, "What comes after death?" and just there entered a local undertaker. Class and professor were convulsed with laughter.

THE CLAIM OF BRECON TO BE THE BIRTHPLACE OF MR. SIDGONS.

The claim of Brecon to be the birthplace of Mrs. Siddons has given the South Wales press a good deal to do. The tragedian which North Wales envies and wishes to emulate. It may, perhaps, be of service to our neighbors to mention that a famous actress, Mrs. Siddons, was born at Plas, in the parish of Naantgyn, Denbigh.

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STRICKEN DOWN BY PARALYSIS

ALONE AT THE TIME AND UNABLE TO MOVE

For a Year a Woman Seeks Relief Without Success, but It Finally Comes at Last.

Another Case of Nerve Exhaustion Cited, Which was Cured in a Similar Way by a Nerve Food.

From the Courier-Herald, Saginaw, Mich. That we know not what a day may bring forth is an old adage and a true one. To-day our skies are bright and sunny; we have health, strength and activity.

Every day we see illustrations of this fact among the friends in our own circle. To-day they are well and strong and are pursuing their daily labors; to-morrow the afflicting hand of disease or death has brought them down to helpless illness or the grave.

From the Republican, Harbor Springs, Mich. One of the leading citizens of Northern Michigan is Mr. George W. Childs, who has made himself famous as a successful hotel manager and a popular summer resort, Bay View.

When Mr. Childs first arrived at Bay View, some years ago, the resort business of Northern Michigan was still in its infancy. With the little money he had purchased the Bay View House, but running a hotel in this part of the country at that time was rather a risky business, and he had to work night and day to make both ends meet.

When I came to Bay View I was a strong, robust man, but close confinement to my duties as manager of the hotel and the amount of hard labor I was compelled to do, soon told on me and I was taken to my bed. I immediately called in the best of the physicians consulted did me no good, and I paid out many hard-earned dollars in doctor bills.

My nervous system was completely played out, I suffered severe pains in the head and had no appetite. Finally I told my wife that I had determined to sell out and leave the country, thinking that a change of climate might be beneficial. But in the midst of my sufferings, like the sunshine that breaks through a dark cloud, Dr. Williams' Pink Pills for Pale People came to my aid.

While I was perusing my morning paper I chanced to glance at an article speaking of Dr. Williams' Pink Pills for Pale People. I saw that they were said to cure exactly what seemed to ail me--shattered nerves and sick headache.

I told my wife about my discovery but she told me that she had never heard of them. I, however, thought "nothing ventured, nothing gained," and determined to have a box, as they cost only 50 cents. By the time I had taken half the box I felt much relieved, and then I knew that I had struck a remedy much better than a physician could give me. I bought a second box, and certainly a good one, as I was exactly what seemed to ail me--shattered nerves and sick headache.

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Capital, - - - \$200,000 Surplus, - - - 300,000 Undivided Profits, - - - 64,000

Special attention given to Business and Personal Accounts. 3% Interest Paid on Interest Deposits.

IRON AND STEEL

Bolts, Nuts, Bolt Ends, Turnbuckles, Washers, Rivets, Horse Nails, Files, Taps, Dies, Tools and Supplies. Sail Duff for mine use in stock.

SOFT STEEL HORSE SHOES

and a full stock of Wagon Makers' Supplies, Wheels, Hubs, Rims, Spokes, Shafts, Poles, Saws, etc.

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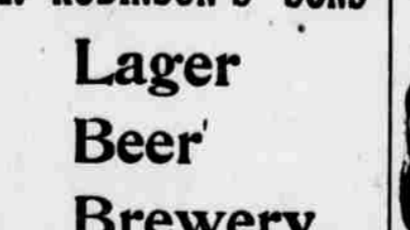
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E. ROBINSON'S SONS' Lager Beer Brewery



There is a large and flourishing, but unregistered, matrimonial agency at Llandrindod. The latest score is that a well-known Welshman, who, after a week's stay at this popular place, has been taken to the hospital by a stroke of the third wife, the lady having one better, being able to boast of having buried three husbands. And yet widows will go to Llandrindod.

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Few people are aware that about five or six miles from Bwlch there is a place with regal associations. This is Llydell, the Quakers' Llanavan Ynys. The hamlet was formerly Dinan Palace, and anciently the residence of several of the royal, descendants of Brychan Brycheiniog. A place is still pointed out called

Manufacturers of the Celebrated Pilsener Lager Beer CAPACITY: 100,000 Barrels per Annum