

COLORED PICTURES

PROFESSOR LECKENBY, OF UNION MAKES DISCOVERIES.

Can Make Real Colored Photographs by Use of Ordinary Camera and Some Special Chemicals.

To be able to produce a photographic likeness of any object, with all the natural colors of that object standing out on the print, is a feat that has held the attention of chemists and other experimenters in that branch of scientific research ever since old Louis Jacques Mande Daguerre himself made his first reproduction and Joseph Niepce discovered the first sensitive plate, says the Oregonian.

Now comes Professor A. B. Leckenby, the United States agrostologist at Union, who has not only made real colored photographs by the use of the ordinary camera and apparatus and some special chemicals of his own, but has also brought some prints to Portland and exhibited them.

Long Sought Goal.

Photographs have always been untrue as regards color. The violet and purple shades show on the finished print as though they were white, the yellows and reds as decidedly black. It has been the goal of photographers to secure, if possible, some sort of a plate that will receive and register light rays as they are sent off from an object, in all the beauty of their natural color.

After many experiments, Dr. H. W. Vogel, of Berlin, observed that some of his plates were more susceptible to certain colors than others, and finally he produced an ortho-chromatic film or plate. These plates simply register the several depths of shade of a color, and do not make any attempt to get the color itself, but even this advance was a great step in the art.

Dr. Leckenby's Methods.

But with Dr. Leckenby it is different. His method, which has not yet been made public, will produce a photograph with every color showing, resembling for all the world a painted picture. A photograph of a bunch of flowers by his method will show the roses red, the violets their real color and the buttercups their golden-yellow tinge. If the plan is practicable and inexpensive, the whole photographic world will be revolutionized.

Dr. Leckenby's discovery is all the result of an accident. While working in his laboratory he was either struck with the new idea which makes color photography possible or he accidentally ran across his new compound. He quickly put his idea into shape, and with the result that he has several photographs of flowers, all beautiful in their natural hues.

Difference in Emulsion.

As far as it is possible to ascertain at the present time, the new method is the same as the old system of photography up till the act of making the print. The plate used is a Craemer isochromatic, such as are in use every day by enthusiasts. The difference lies in the emulsion on the sensitive paper. The slight differences in the shades on the negative plate are just enough to act in different ways on the paper during the printing and produce the several colors, and after the toning and fixing operations, which are also probably unlike those in present use, the picture comes out resplendent in colors instead of all the same slate or sepia tone.

Only One Fault.

Up to the present time only one fault has been found with the pictures. They are not all the same shade. A red rose may show pink at one time, and with the next tone and fixing a dark crimson. In either case the color will still be red, but the shades will be decidedly different. Even this objection, which is not in itself very serious, Dr. Leckenby thinks, will be remedied, and while coming to Portland on the train he thought out a method which will have the effect of bringing the various prints to a more even tone.

Will Not Be Patented.

It is generally understood that Professor Leckenby will not patent his discovery or try to make money from it, but he will give it to the world. He is, however, taking steps to procure the necessary papers to secure for himself the honor of having discovered the new method and to prevent any one else from using it as a money-making scheme.

It has not been generally published that the discovery has been made, but those who have seen the prints have accepted it as a fact, as Professor Leckenby is not a person to give out false statements about such matters.

"IDLE TO OPPOSE UNIONS."

An Extract From President Roosevelt's Address to British Visitors Wednesday.

"Naturally, like any man who has anything to do with public affairs, I not only take but am bound to take the very deepest interest in all the manifold social problems which include, as one section of them, what we group together as our labor problem. More and more as our modern industrial progress goes on, there is a tendency to work in federation or combination, both among employers and employes, in corporations and in unions; and, of course, gentlemen, among the reasons why I take a very great interest in these combinations is the very fact that by their power they have such great possibilities for good—which necessarily implies that they have also great possibilities for evil.

"Whether you wish them or not, it is idle, in my opinion, to protest against the inevitable tendency of the times toward both corporation and union. It is worse than folly to take

DRESS GOODS SALE

The biggest affair of the kind ever attempted by a Pendleton Store. This sale is to affect this community with wonder and amazement. Beautiful fabrics offered at ugly prices. Plain goods to sell at plain figures, and the tony kind must come down and be common. In conjunction with this is our lining stock offered at cut prices, as an other attraction, and will reflect our genius as price cutters. We are keen, after your trade, and display to an admiring public, our remarkable ability as trade cornerers. We simply have to do a big business or we could not sleep well. NOW READ:

This part of the "ad" will change daily

Our Slashing Cuts

in Dress Goods prices has proven a winner. Our loss is your gain.

Overcoat Sale

1-2 Prices Prevail

\$3.50

For a \$15 Suit

What do you think of it?

If you insist on using

Underwear

then examine our sale of same

75c

for a pair of Childrens Shoes worth \$1 to \$1.50



We have purchased a beautiful carriage to be given away April 1st, 1903

WATCH US

Odd Pairs of Shoes

to close out at the usual CUT PRICE

1-2 Price Sale OF LADIES JACKETS

Knocked-Down-Prices on Childrens Jackets

50c

Table Linens

35c

Just the Same the Carriage is Good to Look at . . .

BUSINESS IS GOOD WE WANT MORE

Remember a Flying Machine With Every Purchase of a Dollar's Worth of Boys or Childrens Goods

BOSTON STORE

exceptions to either corporation or union as such. The line should be drawn on conduct."

AT THE FRAZER TONIGHT.

The Old-Time, Laugh-Provoking Story "Hunting for Hawkins."

When "Hunting for Hawkins" with its wealth of fun and frolic, comes to the Frazer tonight, it will furnish the patrons of that house with the very best comedy attraction that has visited this city for many seasons. It is a comedy with a plot, palpable and well defined, constructed in such a manner as to keep one's interest riveted upon the stage. The laughing features come in such quick succession and are so well introduced that there is no time for anything but laughter from the curtain rise to the curtain fall. "Hunting for Hawkins" is a comedy well entitled to its enviable position at the head of the line of polite comedies. Prices 25, 50, 75 cents and \$1.

THANKSGIVING DAY.

Has Been an Annual Occurrence Since Lincoln's Proclamation in 1863.

"The American Thanksgiving dates back to the days of the Pilgrim Fathers—the Pilgrim mothers are never mentioned. It may be well to state

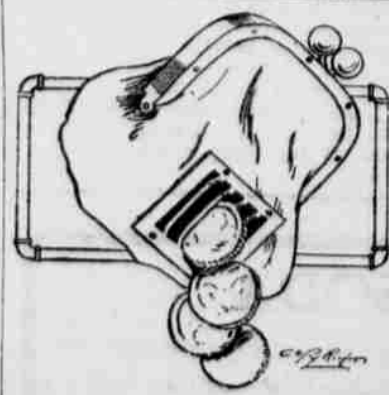
that there were 102 of the Pilgrim Fathers who landed at Plymouth Rock December 21, 1620. They had been driven across the wide ocean to the savage forests of Massachusetts by a determination to be free to practice the kind of religion they thought suited them best, and to find shelter and hiding from the fury of bishops who desired to regulate their religion for them.

"The Pilgrim Fathers were poor when they landed, and they found a cold, cheerless location on Plymouth Rock, and money lenders charged 45 per cent interest, but the next year they appointed and kept a Thanksgiving day, which was the first American Thanksgiving.

"During the revolution congress annually appointed days of thanksgiving. President Washington appointed one in 1798, a day of rejoicing for the adoption of the Constitution. With the exception of Washington's administration, up to the time of the great civil war, governors of states fixed Thanksgiving day.

"In 1863 President Lincoln appointed the last Thursday of November 'a day of thanksgiving and prayer,' and to this the people added, 'and of feasting.' Every year since the president has appointed the same 'last Thursday in November' a national day of thanksgiving, and the governors of states have followed suit and

the public has attended to the feasting."



A DRAIN ON YOUR POCKET-BOOK is caused by defective plumbing. There is always something out of order. Better let us make a thorough examination of the pipes, drains, steam and gas fittings, etc., and give an estimate on the cost of putting them in good working condition. Our workmen are competent and we have everything necessary to carry the most difficult job to a successful issue.

B. F. BECK, The Plumber

Court St. Opposite Golden Rule Hotel

Real Estate... For Sale

Beautiful residence property on Court street, two lots and dwelling \$2,500.00.

Residence lots, well located, at prices ranging from \$100.00 to \$300.00 each.

Boarding house and one lot—14 rooms—centrally located, \$2,500.00.

Boarding house, 19 rooms, \$1,900.00 One lot with dwelling and stable, \$700.00.

One lot and house, \$500.00. Two lots, dwelling—6 rooms—and stable, \$900.00.

Rooms, bath, and sewerage, these One lot with dwelling of seven blocks from Main street, \$2,500.00.

And much other property, all on easy terms E. D. BOYD, 111 Court Street

A Better Way With a Cold.

When a slight cold fastens upon you in early winter you apt to regard it merely as annoyance—not a thing of serious consideration. You usually feel like taking something syrupy, with perhaps a touch of spirits in it, to warm you up and stop the cough. But there is a better

way. The cough, the red eyes, the uncomfortable head are the cold. They are only symptoms. They are like the leaves of a weed sticking out of the ground. The surest way to get rid of them and prevent their sprouting again is to pull up the root.

You sometimes say, "This cold is all over me." Every cold you have is, to a certain degree, all over you. It is the evidence of a slight general weakness. It usually steals upon you at a time when the body is a little below its normal tone and the surest way to get rid of it is to bring the whole system up to its right level.

You may need some medicine. Your doctor will know. A mere expectorant will do nothing toward restoring the body to a healthy standard. The best its action is merely to relieve the cough and give only temporary relief. Scott's Emulsion does this and more.

A small quantity of the emulsion taken regularly for a few days will supply the lack of proper nourishment in ordinary food. It is rich in the substances of which healthy blood is composed, and makes itself quickly felt in the throat and bronchial tubes. It starts the flow of mucus and relieves an obstinate cough sooner than any expectorant will do.

The emulsion does more than rid you of a cough. It gets rid of the cold which is the root of the cough. Still more, it helps to protect you against a return of the trouble and against its going deeper.

Scott's Emulsion is aptly termed a food-medicine. It contains the nourishing properties of the whole cod liver oil, emulsified and combined with the medicinal qualities of hypophosphites, of lime and soda. It is probably more widely recommended by physicians for use in coughs and colds than any other preparation.

So-called wines, cordials and extracts of cod liver oil do not contain the value of the whole oil and are worthless in cases where a pure reliable cod liver oil preparation is needed. Scott's Emulsion has been the standard for over twenty-five years.

We will send a sample free to anyone on request.

SCOTT & BOWNE, 409 Pearl St., New York.

Armstrongs Custom Mill.

Fred Walters, Proprietor

Capacity 150 barrels a day Flour exchanged for wheat Flour, Mill Feed, Chopped Feed, etc. on hand.