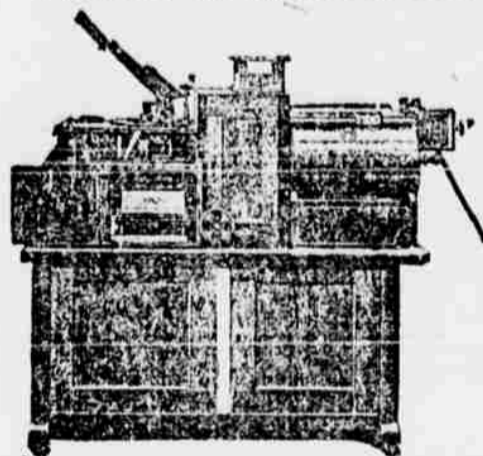


NEW MACHINE A WONDER.

Anatomical Research Can Now Be Brought to Perfection.

An epidiascope, a new-fangled scientific apparatus, has just been presented to Brown university, and it has become the especial charge of Prof. Albert D. Mead, the authority on College Hill on matters pertaining to the researches of the anatomical laboratory.

Prof. Mead is also known far and wide by government experts as the man who has found out much that is new about the propagation of lobsters and clams and other shell fish from shallow and deep sea waters. "I first saw the machine at Jena,"



says Prof. Mead, "and there is not another in the country as large and as magnifying as this one. It has great power, and it is the finest thing in the world.

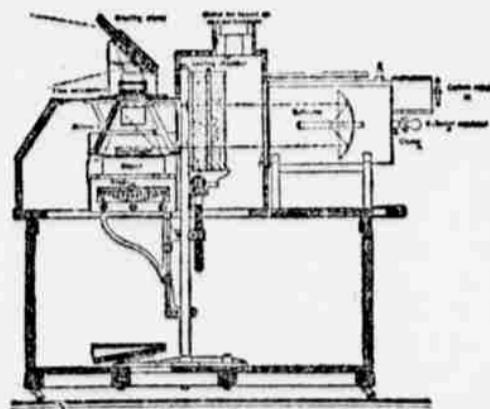
"It is really marvelous how the colors are shown on the canvas, and unlike all of the other so-called epidiascopes, you can keep your hands in the machine and handle the articles you are inquiring into or demonstrating.

"When you place a crab or a butterfly or a snake in the slide, which is horizontal, the true colors and the movements of life are shown on the screen and the size is tremendous. The colors are if anything brighter on the screen than they are in the object itself. If an open watch is shown on the slides, then you can see the wheels go around. A whole class can witness it just as well as one or a few persons. It is the greatest thing in the lantern slide line on earth. There is the most wonderful magnifying power.

"The machine is 4 feet 11 inches high and wide and about 22 inches thick. Everything can be shown to advantage, the pages of books, printed plates, the brain in all of its tissues and colors, and the metallic luster of soft bloom are readily shown."

The machine is operated by one person and the same person can at all times handle the subject in the slide, moving it constantly if desired, and can give the accompanying lecture or lesson. The machine is operated with electricity, can be handled with ease and comfort while standing upon the floor beside it.

A lady bug with its dark red colors of the winter time and the five black spots upon the crusty back looked bigger than a man's hat on the screen



and the bug was perfect in all of its colorings, while its little legs wiggled as if they were making tracks for a warmer climate.

A small snake in the hands of Prof. Mead was moved about so that it appeared lifelike upon the big white screen ten feet away, but it appeared to be the size of a boa constrictor, round as a 200-pound shark.

After the electric search light a system of mirrors have much to do with the magnifying of objects and colors. —Boston Globe.

RULES MILLIONS OF BLACKS.

Youthful Potentate of Kingdom in British Northwest Africa.

This little chap is a king, with 3,000,000 subjects, though it would appear that he does not find life very cheerful, if we may judge from his picture.

His kingdom is Uganda, in the interior of British Northwest Africa, and it lies on a plateau 4,000 feet above the sea, at the north end of the great Victoria lake. The British established a protectorate over the country in 1890, and in 1899 captured and deported to the coast its king, Mwanga, who was a very cruel man.



The Little King of Uganda.

The king's little son, whose name is Daudi Chwa, was proclaimed king when his father was banished. He hasn't much to say about running his kingdom, for there is a regency of three native chiefs, and over them the British.

The little king of Uganda is entitled to a royal salute of eleven guns, and can spend \$7,500 a year on his civil list, or officeholders. His official title is "his highness the Kabaka of Uganda."

In Realms of Bliss.

We find the following in an exchange: "Lewis Rollings and Miss Pearl Cox, after several months of heart-to-heart conversation on the perfumed avenue of love, passed under the roseate archway of Hymen, where soul meets soul on waves of ecstatic feelings."

'Twas Ever Thus.



Said Dr. Duck to Madam Stork, "I've triplets for your coming trip; I hear the cobbler's very poor, So let them down his chimney slip."

"The king is rich; when you return I'll have a fragile little thing, So light you'll scarcely feel the weight A daughter for the childless king."

A New Marine Freak.

A strange fish is on exhibition at Seattle, Wash. It is six feet long and is half animal and half vegetable, as a seed grew out of its body.

TROLLEY INTO DIAMOND MINE

Visitors Carried in Cages Over Immense Excavations.

It is quite the thing in visiting the gold mines of the West to don suitable clothes for the trip and go into the mines.

Many notable persons have done that, and there is in existence a photograph of Gen. Grant and some mem-



bers of his family who made such an excursion. Visiting a diamond mine a person receives much the same sensation, for in the depths one realizes that he is probably surrounded by untold wealth. The diamond mines of Kimberley, where this picture was taken, are the largest in the world and the company that operates them practically controls the world's output.

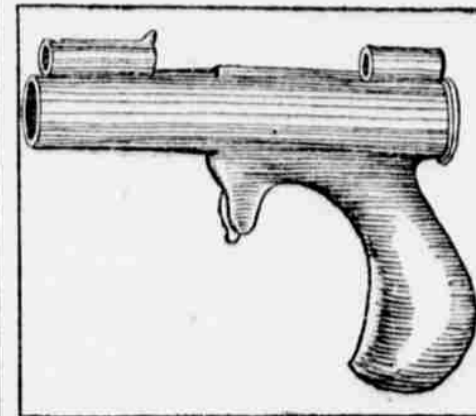
Diggings are of two kinds, wet and dry. At the river diamonds are found along the bank. The soil is dug up and carried in ducts in the stream and they are washed in boxes of zinc pierced with holes. In the open mines, which are the most important, you look down through an excavation several hundred feet deep. The trolley cages which take up the soil are rolled on wire cables a sloping distance of one thousand feet and a perpendicular depth of five hundred feet.—New York Herald.

One-Legged Dinner Party.

A certain gentleman, the possessor of a cork leg, living in one of the London suburbs, annually gives a dinner to a dozen owners of a like substitute. In the center of the table are grouped four crutches, around which twine festoons of flowers; miniature legs in ivory compose the handles of the knives and forks; while the piece de resistance is invariably a magnificent turkey that has been deprived of a leg before being brought to table.

Gun With Hidden History.

This strange firearm was found on Kinney's farm, in Scott county, In-



diana. This farm, while yet covered by a forest, was the scene of a slaughter of whites by the Indians. A monument was erected on the battlefield last summer. Mr. Edward Belch, of Dayton, Ky., found the pistol, but is unable to learn anything about its history or the name that was applied to that kind of firearm.

AUTO AGE IS UPON US.

Change in Passenger-Carrying Vehicles Seems Very Near.

In the new order of things that is about to come everybody may ride in autos soon. This does not imply that all will be able now to own an automobile, for the 1905 models seem to be about as expensive as those of former years. But the auto age is upon us. The automobile, having proven that it can outdo on ordinary



roads the steam engine on rails, has now been elevated to the dignity of being put on tracks also. The sputtering little auto-boat, which first made its appearance as a summer toy, has done its racing work so well that the next thing we shall see will be auto-ships skimming over the ocean like torpedo boats at express train speed. This means the coming of the auto-ship and the autotrain for the fast passenger-carrying work of the future. Already the first types of both these innovations have appeared. Auto-boats which were mere launches a few years ago have now risen to the dignity of 95-foot and 100-foot cruising yachts. In England a 150-foot auto-ship is now being built for a British peer.

Twelve-Year-Old Girl Street Cleaner.

Something of the kind of girls they raise down in Aroostook is indicated by the action of Miss Amy Berce, aged 12 years, of Caribou, who recently appeared, standing erect as any man, on a snow scraper and driving a pair of horses weighing 2,800 pounds, and scraping the snow off the streets in the village.

Baby Charm.

There are points of similarity between the baby of highly civilized parentage and the offspring of the untutored savage. Both of them are delighted with toys or play with the rattle, finding much delight in the



sound. Nearly all peoples have dolls for their babies, and in the museum at Cairo there are dolls exhibited which are seven thousand years old. Here is shown a baby charm carried by a childless married woman in Vechualand. It is almost similar to the baby rattle used by that savage tribe, and as a fetch it is believed to have peculiar potency.

Bell-Ringing Record.

At St. Thomas' church, South Wigton, Leicester, Eng., a team of bell-ringers attempted to ring a peal of 21,024 double Norwich Court bob. After ringing without intermission for ten hours and thirty-five minutes one of the men broke down through indisposition, and the effort thus failed, but a new world's record of 17,184 was established, the previous one being 17,024 by the Oxford Guild in 1898 at Kidlington.