"BLACK LIGHT" IS TESTED OUT

Perhaps You Have Met This ARKANSAS MEN Hog at the Matinee Too INVESTIGATE CITY

Invisible Light Rays to Be Used in Signal Corps Work

PRODUCT OF SCIENCE

The Science of the state of the season of the singer Taking the glacer as my offended our She insists upon knowing my opinion of concert and took the seat next to such an extent that in self defense it moved over to give her more leed way. Her arm took all of the arm of the chair, and her elbow extended farther and kept me in a constant state of uncertainty for fear it was going to take liberties with my sensitive ribs; her feet, laboriously crossed, crowded mine into a corner. I hope that my ago

Methods of Future

the Harry L. ROGERS.

Washington, May 7.—An important contribution to the science of warfars is expected to result from experiments with "black light" or investigated by war department experts, which are the control of the specific of

of sunlight, as projected by mirrors. The advantage in time of war of the invisible system, practically inespable of interception, over the heliograph, is obvious. A further advantage lies in the fact that qualike the heliograph the "black light" rays can be generated artificially and therefore are not subject to weather conditions.

The idea that monochromatic light censits of a succession of simple harmonic vibrations in the other, and that the sensation of color depends on the frequency of those vibrations is believed to have been originated.

Like the Roentgen, or X-rays, the slieved to have been originated Like the Roentgen, or X-rays, the Dr. Thomas Young early in the "black light" rays have the property

by Dr. Thomas Young early in the sincteenth century. Young and Fressel were able to determine wave lengths ranging from .000076 cm. at the rod end of the spectrum to .00039 cm. at the extreme violet end, and by neams of a formula, calculated the number of vibrations per second.

Infra-Red and Violet Rays,
They were apparently convinced of the existence of invisible rays not included in the spectrum, but made little progress in their studies of these phenomena. Later investigators showed conclusively that the infra-red rays as well as the ultra-

doubt, and further practical applications are merely a question of time.

The "black light" signalling system as now conceived may be likened to the ordinary heliograph used in the army, except that invisible light rays are used instead of the flash of sunlight as projected by mirrors. The advantage in time of war of the invisible system, practically integrable of integreption, over the heliograph, is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the heliograph is obvious A further advantage lies in the fact that unlike the lies of the fash deposits of the same, of the her yet and the offend the wave.

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Growth of Oil Interests in Neighbor State Calls for Action

Neighbor State Calls for Action

The handling of oil credits as it is done in Tulka, the oil metropoits of the country, is the thing that the country, is the thing that the country, is the thing that the frought W. T. Maxwell of Little Rock, state banking commissions of Arkansas and F. A. Pope of the state banking department to this big that banking department to this big that banking department to this big that banking department to the state banking department to the production of choap colon. The bankers are likewise in favor. It is staffdeven of the Exchange Tryst company spoke last week before the state banking the triple of Arkansas were content to leave, in the main, the greater part of the development of its new oil feld to outsiders and Shreveport got a large share of the banking business of the industry. With the steady development of the field in Union county, following the bringing in of the mines owned by a few men and the country of the field in Union country, following the bringing in of the mines owned by a few men and the cirched by a 2 to 1 victory over the mines owned by a few men and the cirched by a 2 to 1 victory over the mines owned by a few men and the cirched by a 2 to 1 victory over the mines owned by a few men and the cirched by a 2 to 1 victory over the mines owned by a few men and the cirched by a 2 to 1 victory over the mines owned by a few men and the cirched by a 2 to 1 victory over the mines owned by a few men and the cirched by a 2 to 1 victory over the mines owned by a few men and the cirched by a 2 to 1 victory over the mines owned by a few men and the cirched by a 2 to 1 victory over the mines owned by a few men and the cirched by a 2 to 1 victory over the cirched by a 2 to 1 victory over the mines owned by a few men and the ci

Arkansas had begun to vision inseif as one of the oil states of the country, and prompted by the Tules hanker's explanation of the caring bor the financial interests of the industry and the handing of its fusion of the handing of its fusion of the parties of the industry and the handing of its fusion of the parties of Oklahoma here to learn how to take care of Arkansas oil banking interests.

The Arkansas culton crop is feet.

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