

Photograph in Eight Colors Telephoned Here From Chicago

THREE PICTURES SENT FOR PRIVATE MUSE AND PUT TOGETHER.

The transmission of colored pictures over telephone is the latest feat of the American Telephone and Telegraph company. A colored picture was placed in a sending machine in Chicago and was reproduced in New York in all its original colors, within an hour.

In the newest development of the transmission of pictures over telephone wires, which was placed on a commercial basis by the company last May, the actual colors are not sent over the wire but separated at a point of sending and reassembled at a point of receiving.

A photograph of the picture, screened out all colors except red; a second photograph, screening out all colors except yellow, and a third photograph, screening out all colors except blue was taken, and each of the three pictures was transmitted over telephone wires as black and white pictures, and, on being received in New York, restored to the color which it represented in the original picture. The result was that not only the three primary colors, but five other hues or tones, were reproduced as in the original in Chicago.

The test was the result of a suggestion by Stephen H. Horgan, a recognized expert in color photography and a pioneer in picture reproductions of all kinds. Mr. Horgan is associate editor of the Inland Printer of Chicago.

When the telephone company announced last May that transmission of pictures over its wires, dreamed of since 1847, when the first experiments began, was to be placed on a practical basis and that photographs of the Republican National Convention at Cleveland would be transmitted over 522 miles almost instantaneously for New York newspapers, Mr. Horgan concluded that if black pictures could be sent, then colored pictures likewise could be sent. He induced the telephone company some time ago to undertake the experiment.

The sending operator in Chicago of pictures is simple. For the test Mr. Horgan selected a picture of which red, blue and yellow predominated. It happened to be a picture of Rudolph Valentino in the character of Monsieur Beaucaire. Three photographs of the colored pictures were taken. In the first the yellow portions were taken, in the second only the red and in the third only the blue.

The sending operator in Chicago then sent the three photographs over the wires separately. The process of sending was that of transmitting ordinary black and white pictures, with one difference. The difference was that the lines in one picture were at an angle of 60 degrees to the lines in the other pictures.

The pictures on their receipt in New York looked much alike, except that their lines ran in different directions and there were differences in the toning of the blacks and whites. The first picture, which represented only the yellow in the original, the second which represented the red, and the third which represented the blue, were reproduced in their original colors and the three pictures were blended into one.

The most beautiful skin needs the protection of pure soap. For simple cleanliness is the basis of all beauty. Pure soap cleanses perfectly and its natural fragrance is delightfully pleasing.—advt.

Naval Question Source of Worry

REPORTS FROM GENEVA ALARM BRITAIN AND MAKE FRANCE DISSATISFIED.

LONDON, Sept. 22.—British uneasiness over reports from Geneva that the British navy is to be placed to a considerable extent under the authority of the League of Nations has had a striking repercussion abroad through disappointment that it is not the case.

Les Journal Des Debats says plainly that if the British people are being told that under the new pact their navy will not be absolutely pledged to carry out the League's prescriptions they are being deceived and, on the other hand, if conditions stipulated by British opinion with reference to the use of the British fleet are interpreted as authoritative then it is the other nations who are being deceived. The paper concludes with an outspoken demand for absolute frankness in regard to the situation.

The French press is particularly disappointed at the attitude displayed by the British press and the public disinclination to allow the British fleet to become the world's policeman. British diplomats explaining to Geneva the difficulties of such a scheme are pointing out their unbelief that the minority of the League when voting against an aggressor would be willing to support the majority action, with consequent international groupings within the League and all the dangers such divergence of opinion would bring.

The suggestion, made at the British Foreign office, of the adoption of a percentage voting plan with the acceptance of the idea that all forces would be called upon to act against the aggressor both in blockading and in the actual application of force, such forces to be made up in part at least of units from every signatory power so that all would be forced to accept the onus of action, brought the comment that the idea might tend to solve many problems connected with the use of the fleet or army.

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The world's largest sapphire, weighing ten ounces, and valued at more than \$25,000 is being exhibited at Wembley Exhibition.

It is intricately carved in the form of an ear-ornament, and must originally have been about twice its present size. It was discovered in the home of a Mohammedan official in Hyderabad State, where it was used as a paperweight, by Mr. Wakefield, Director-General of Revenue, who was told that the children of the family had played with it as they would with an ordinary stone.

It was eventually sent to England and arrived at Wembley a short time ago, and is shown in the Bombay Court of the Indian Pavilion. The stone has a long and romantic history. It was formerly an ornament of a Buddha belonging to the Ballala kings of South India in the twelfth century. It was then handed down from one conqueror to another until it came into the hands of Tipu Sahib, who gave it as a present to the ancestors of the official in whose house it was found.

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