

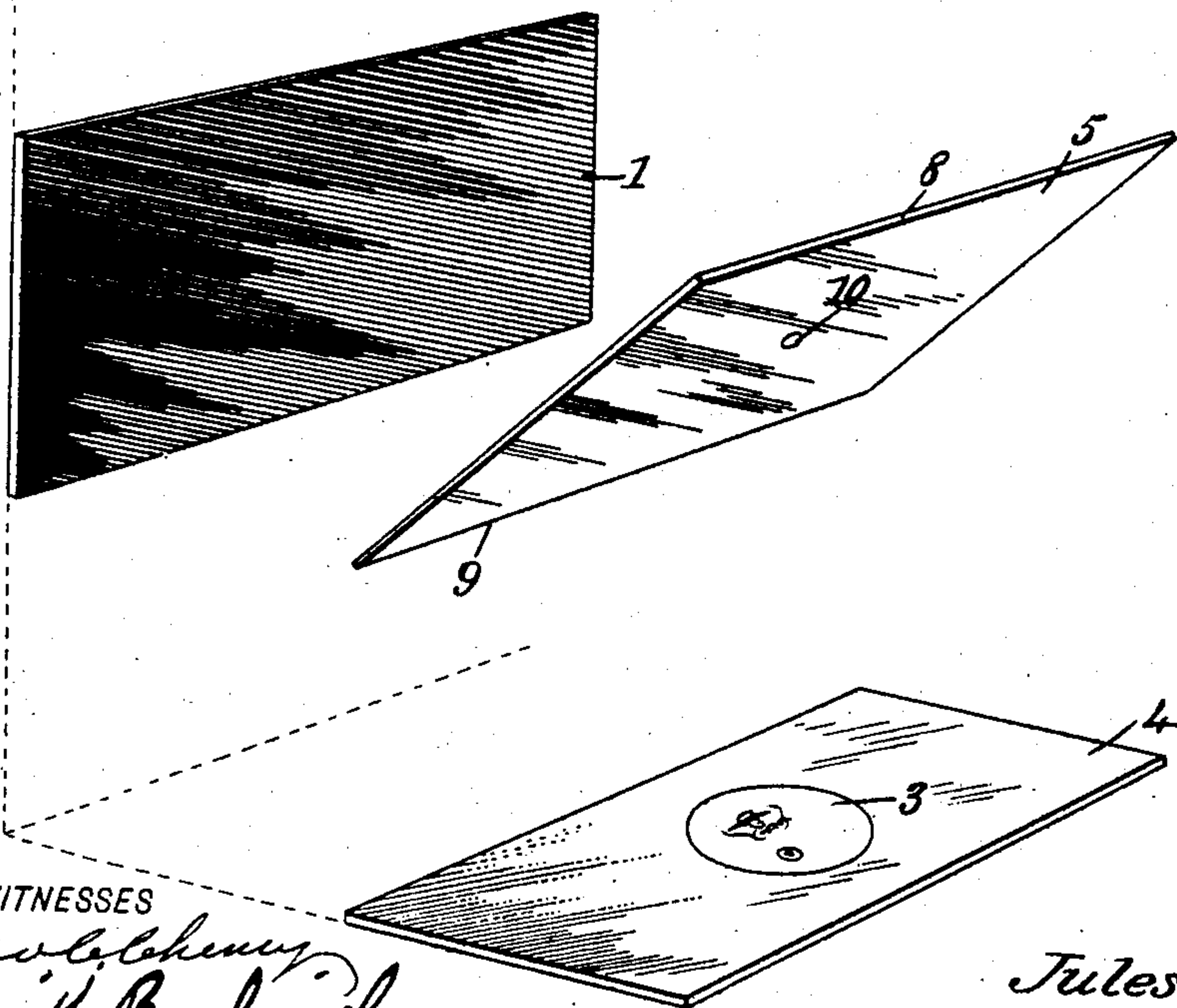
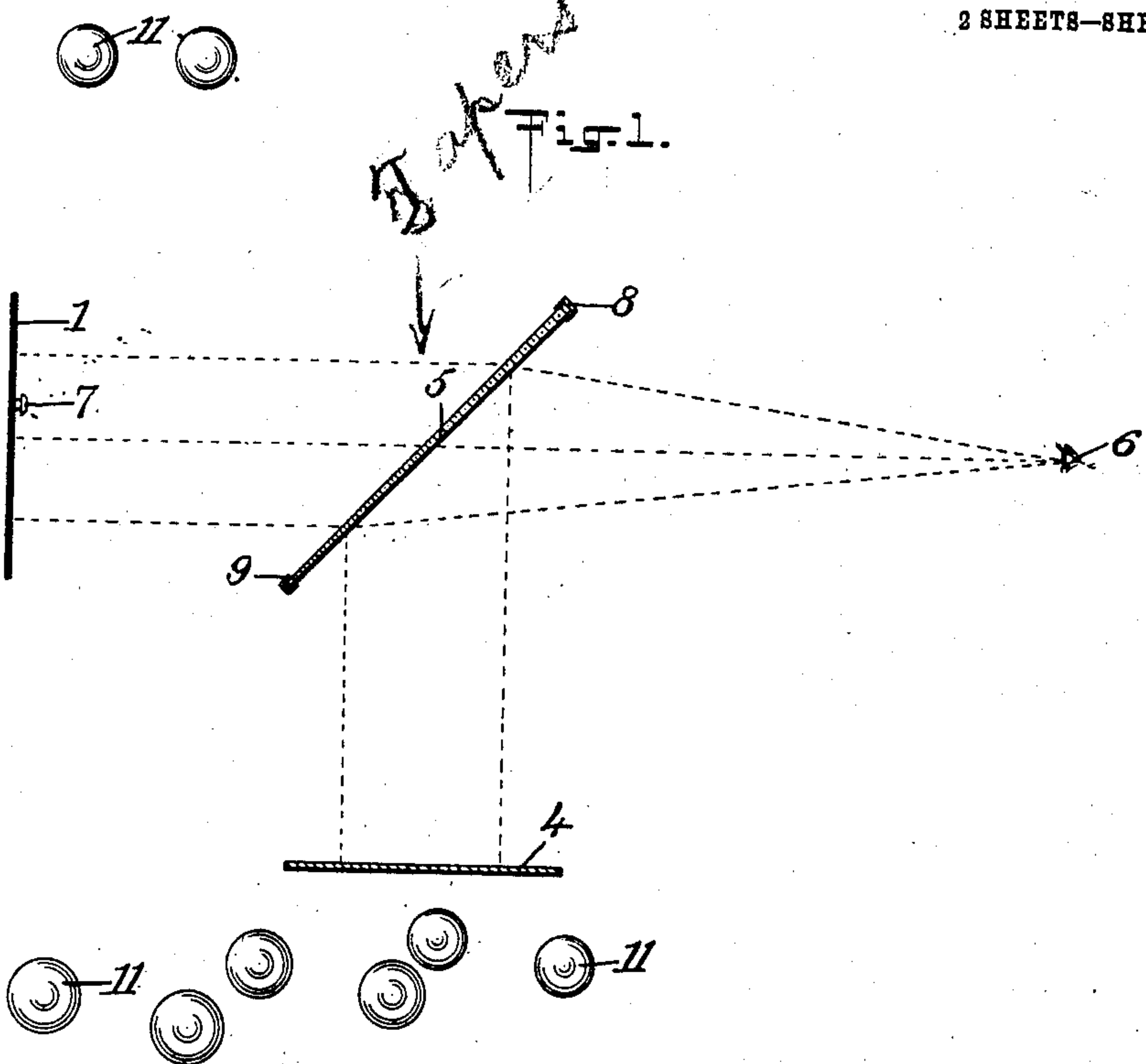
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No. 894,599.

PATENTED JULY 28, 1908.

J. CHABOTY.  
GAME APPARATUS.  
APPLICATION FILED MAY 23, 1907.

2 SHEETS—SHEET 1.



WITNESSES  
*John K. Brachung*

INVENTOR  
*Jules Chaboty*  
BY *Mum Co.*  
ATTORNEYS

OPTICS,  
Stereographical instruments,  
2. 3 Single defined image.

Draftsman.

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2 SHEETS—SHEET 2.

Fig. 3.

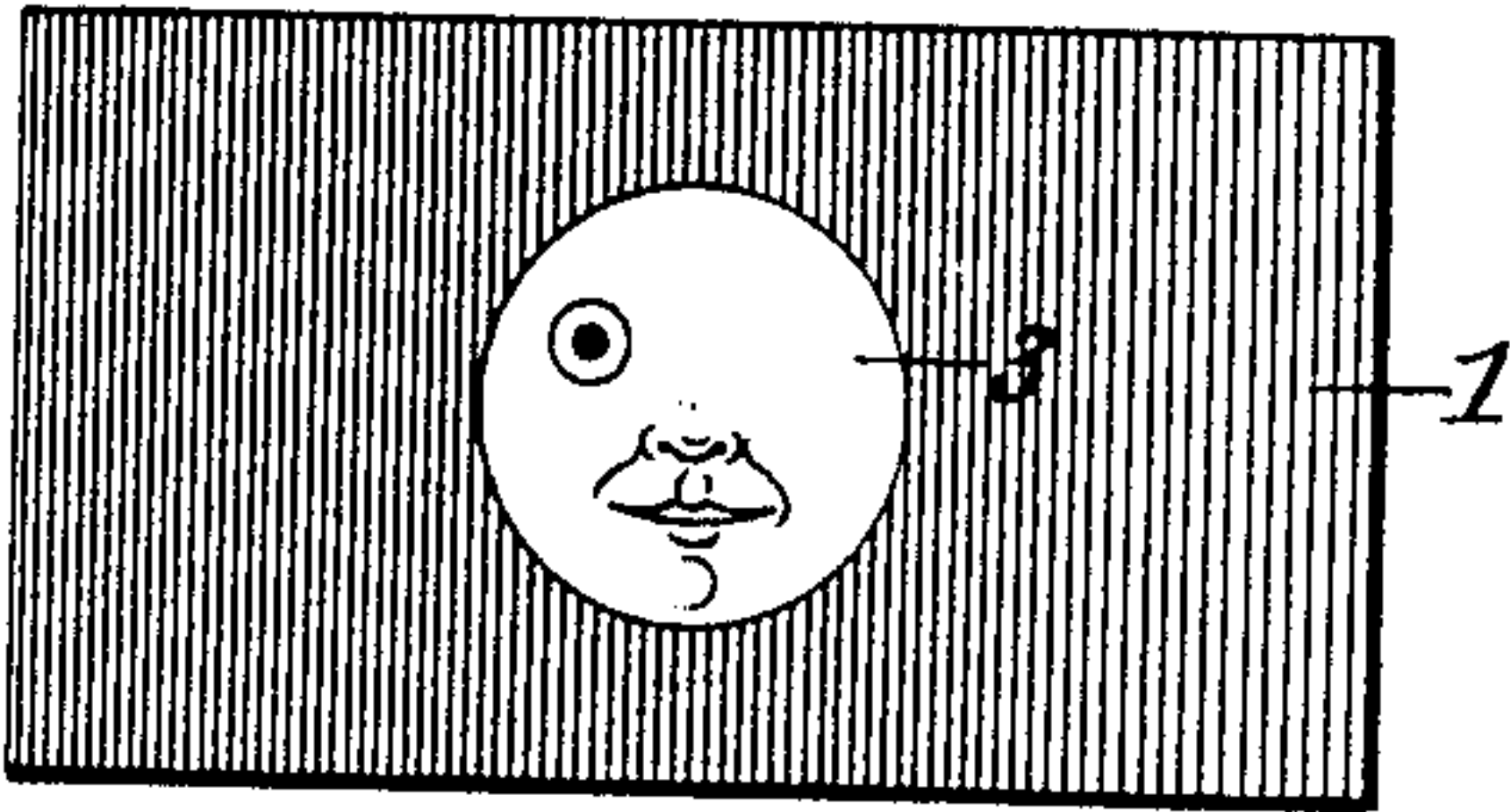


Fig. 4.

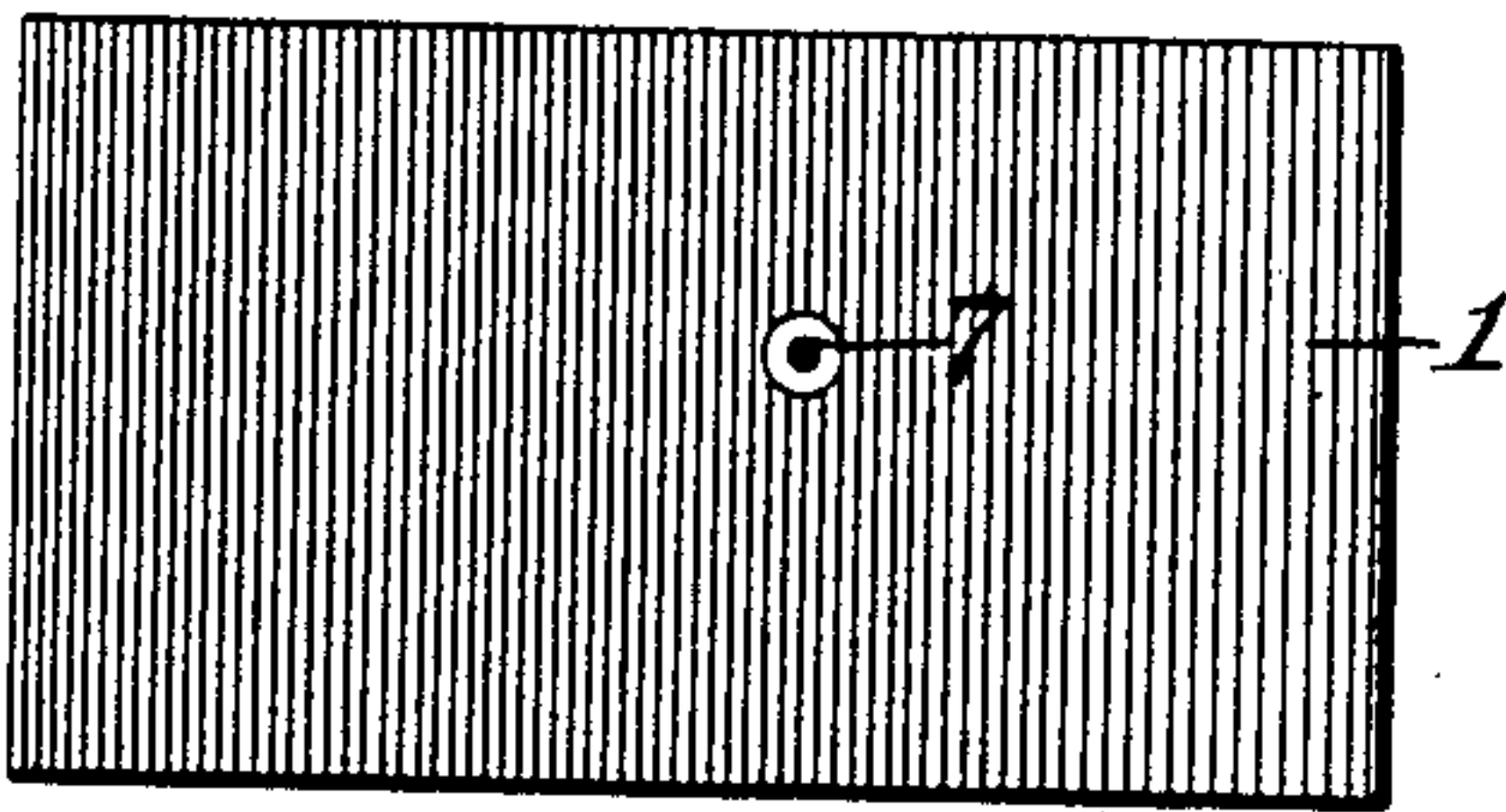


Fig. 5.

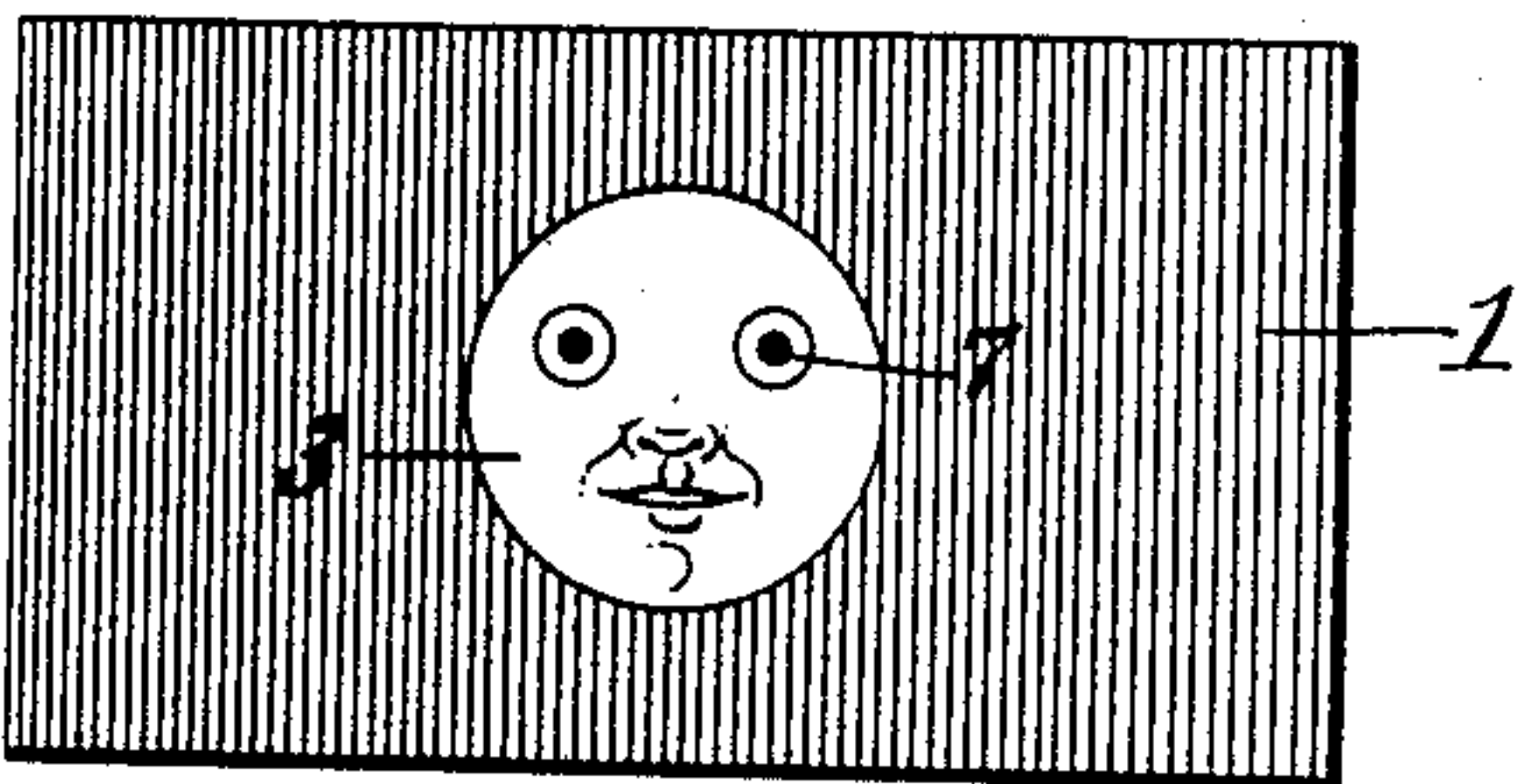
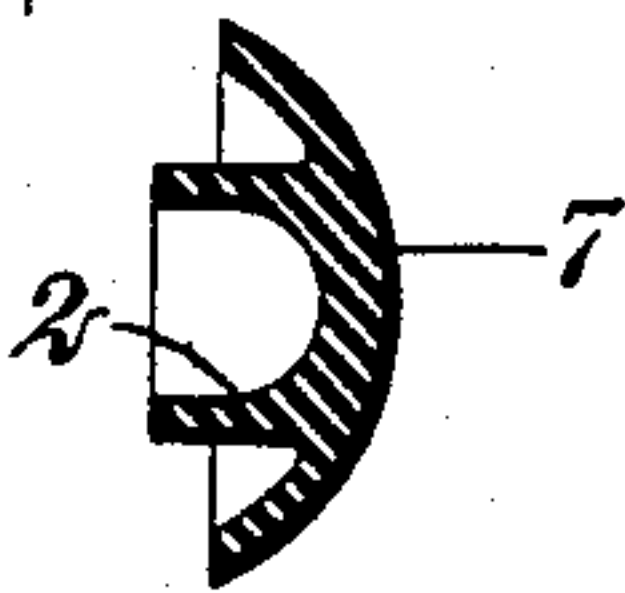


Fig. 6.



WITNESSES  
*John H. Brachvogel*

INVENTOR  
*Jules Chaboty*  
BY *Mumm & Co.*  
ATTORNEYS



# UNITED STATES PATENT OFFICE.

JULES CHABOTY, OF SAN FRANCISCO, CALIFORNIA.

## GAME APPARATUS.

No. 894,599.

Specification of Letters Patent.

Patented July 28, 1908.

Application filed May 23, 1907. Serial No. 375,238.

*To all whom it may concern:*

Be it known that I, JULES CHABOTY, a citizen of the Republic of France, and a resident of San Francisco, in the county of San Francisco and State of California, have invented a new and Improved Game Apparatus, of which the following is a full, clear, and exact description.

This invention relates to game apparatus, and it is particularly useful in connection with games in which the object of the player is to complete an incomplete figure by means of separate parts adapted to be secured to the figure.

The object of the invention is to provide a simple and inexpensive game apparatus in the using of which each player strives to complete an incomplete subject-figure, picture or representation, by attaching members representing the parts missing from the subject, upon a blank support rather than directly upon the incomplete figure.

A further object of the invention is to provide a game apparatus in which the subject is reflected into an apparent position upon the support intended to receive the attachable members.

The invention consists in the construction and combination of parts to be more particularly described hereinafter and fully set forth in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views, and in which

Figure 1 is a vertical cross-section showing the arrangement of the parts; Fig. 2 is a perspective view of the device; Fig. 3 is an elevation showing the incomplete subject-representation in an apparent position upon the support; Fig. 4 is a similar view of the support showing a member removably attached thereto; Fig. 5 is a similar view showing the subject-representation in apparent position upon the support and completed by the member removably attached to the support; and Fig. 6 is a cross-section of a detachable member.

Before proceeding to a more detailed explanation of my invention, it should be understood that a subject-figure, picture or representation is located at a point remote from the support to which the separate

members are attached in the attempt by the player to complete the subject-representation. When the support is viewed from a certain predetermined point through a transparent reflecting medium, the subject-representation assumes an apparent position upon the support; as the player approaches the support, leaving the predetermined position, the apparent image of the subject vanishes from the support, leaving the same blank so that the player has nothing to guide him in attaching the member, beyond ordinary judgment of distances, intuition or mere guess-work. When the player returns to the predetermined position the image can be seen in apparent position upon the support, while at the same time the separate member which has been attached to the support is also visible. If the member has been attached to the support at a proper point it will complete the incomplete subject. The rules for the playing of the game are the same as in the well-known games similar in character, in which the subject is depicted upon a support directly and the players secure the completing members to the support when blind-folded. By means of my invention the blind-folding or other methods of obstructing the sight are obviated and the rapidity with which the game can be played is greatly increased.

Referring more particularly to the drawings, 1 represents a support arranged preferably in a vertical plane; the support may be of any suitable material to which the separate members can be attached. I prefer to employ however, a plate of glass or other transparent substance, having a coating of black paint or the like upon the back thereof, the members having rubber suction cups 2 for attaching them to the smooth plate. The subject-figure, picture or representation 3, shown in the accompanying drawings for the sake of convenience as representing a full moon lacking one of the eyes, may be painted or otherwise fashioned upon a suitable plate or member 4. The subject-member 4 is arranged preferably at substantially right-angles with the support 1 and remote therefrom at one side of the same. I provide a transparent reflecting plate 5 consisting preferably of a sheet of plate-glass. The reflecting member 5 is arranged between the support and the subject at an angle with each of



the same respectively, as is shown most clearly in Fig. 1. The arrangement is such that the reflecting plate 5 is located above the subject and horizontally in alinement with the support 1. The player is stationed at a predetermined point on the side of the subject remote from the support 1 as is shown in Fig. 1, the player being represented by the eye 6. It will be understood that the subject is reflected upon the transparent plate 5 and appears to the player to be located upon the support 1, as the latter is visible through the transparent reflecting plate. Thus, when the player views the support from the predetermined position he sees the incomplete image of the subject thereupon. As, however, he approaches the support—of a necessity moving laterally around the reflecting plate 5—the image disappears from the support and he is forced to attach the completing member to the support without other guidance than judgment, intuition, or guesswork. The attaching member in the case illustrated for example herewith, consists of a semi-circular disk 7 fashioned to represent the missing eye of the moon constituting the subject, and having a rubber suction-cup 2 by means of which it can be easily and firmly attached to the smooth support.

I prefer to employ as transparent means, a sheet of clear plate-glass. To render the image as clear as possible and free from blurring, I employ a plate gradually decreasing in thickness from the upper edge 8 to the lower edge 9. The prismatic action of the tapered plate tends to aline the images reflected at the front and back surfaces of the plate whereby the image is rendered clear and free from blurring. The decrease in thickness should be very slight, to obtain the best results. To insure the definite location of the predetermined point at which the player is to be stationed, I provide an indicating mark 10 shown for instance as a ring, painted or otherwise fashioned upon the reflecting plate. It will be understood that the subject is always reflected upon the plate at the same point, so that the predetermined point can be easily located by the relative positions of the reflected image upon the plate and the indicating mark 10 upon the plate.

Fig. 3 shows the support as viewed by the player, with the incompleting image reflected thereupon. In Fig. 4 the support is shown as when the player advances from the predetermined point and affixes the attachable member thereto. If the attachable member is secured to the support at the right point, the image will be completed when viewed from the predetermined position as is shown in Fig. 5. The indicating mark serves also to determine the exact relative position of the attachable member, with respect to its proper point of attachment after the player has fastened it upon the support.

The apparatus is illuminated most effectually from above by natural light or by means of artificial sources of illumination such as incandescent lamps 11 or in any other common or preferred manner. The source of light should preferably be so shielded that it does not interfere with the vision of the players. The attachable members should, for obvious reasons, be white in color, or in any case of some light color.

The support should preferably be adjustable so that it can be arranged according and subject to the position of the apparent image, that is, so that it can be adjusted to cooperate most effectually with the transparent reflecting plate. The taper of the latter and the positions of the subject and the support determine the clearness of the image.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:—

1. In a game apparatus, a blank support, a subject, means for causing said subject to assume an apparent position upon said support, and a member adapted to be affixed to said support.

2. In a game apparatus, a blank support, a subject, means for causing said subject to assume an apparent position upon said support when said support is viewed from a predetermined point, and a member adapted to be affixed to said support.

3. In a game apparatus, a blank support, a subject remote from said support, means for causing said subject to assume an apparent position upon said support when said support is viewed from a point at the side of said subject remote from said support, and a member adapted to be affixed to said support.

4. A game apparatus, comprising a support, a subject remote from said support, means for reflecting an image of said subject into an apparent position upon said support, and a member adapted to be removably affixed to said support.

5. A game apparatus, comprising a support, means for reflecting an image into an apparent position upon said support and a member adapted to be removably affixed to said support.

6. A game apparatus, comprising a support, a subject remote from said support, transparent means for reflecting said subject, said means permitting said support to be viewed therethrough, and a member adapted to be removably affixed to said support.

7. A game apparatus, comprising a blank support, a subject remote from said support, a transparent reflecting plate arranged at an angle with said support and said subject, respectively, and a member adapted to be removably affixed to said support.

8. A game apparatus, comprising a blank support, a subject remote from said support



2, 3

Single deflected image,

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and at substantially right-angles therewith, a transparent reflecting plate arranged at acute angles with both said support and said subject, and a member adapted to be removably affixed to said support.

9. A game apparatus, comprising a blank support, a subject remote from said support, a transparent reflecting plate arranged at an angle with said support and said subject respectively, said plate decreasing uniformly in thickness from the upper edge to the lower edge thereof, and a member adapted to be removably affixed to said support.

10. A game apparatus, comprising a blank support, a subject remote from said support, a transparent reflecting plate arranged at an angle with said support and said subject respectively, said plate decreasing uniformly in thickness from one edge to an opposite edge, and a member adapted to be removably affixed to said support.

11. A game apparatus, comprising a blank support of a dark color, a subject remote from said support, a transparent reflecting plate arranged between said support and said subject, and at an angle with said support and said subject respectively, said plate having an indicating mark thereupon, and a mem-

ber adapted to be removably affixed to said support.

12. In combination, a dark background, a subject remote therefrom, and a transparent reflecting plate of uniformly varying thickness intermediate the observer and said background, said plate being disposed at an angle to the line of vision, and the thicker edge of said plate being nearer to the observer.

13. In combination, a dark background, a subject remote therefrom, and a tapered transparent reflecting plate intermediate the observer and said dark background.

14. In combination, a dark background, a subject remote therefrom, and a transparent reflecting plate decreasing uniformly in thickness from one edge to an opposite edge, said reflecting plate being arranged intermediate the observer and said background, said plate being disposed at an angle to the line of vision.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JULES CHABOTY.

Witnesses:

I. G. CHURCH,  
FLORA HALL.