

(No Model.)

H. CASLER.

MUTOSCOPE.

No. 584,305.

Patented June 8, 1897.

Fig. 1.

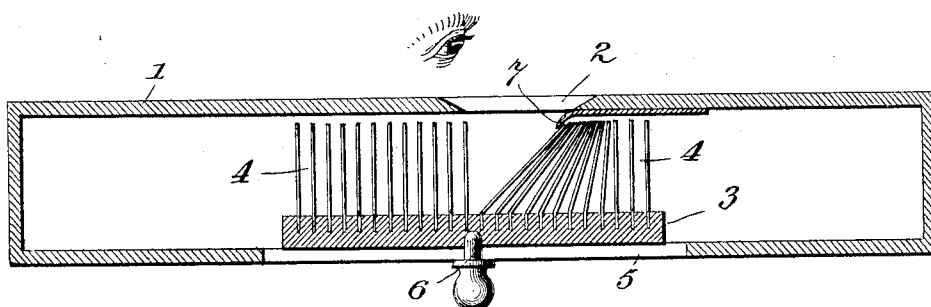
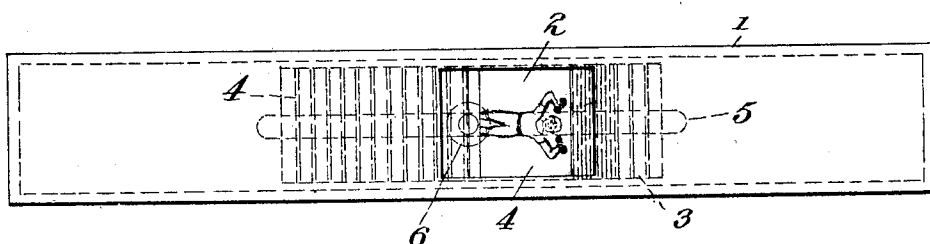


Fig. 2.



WITNESSES:

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MUTOSCOPE.

SPECIFICATION forming part of Letters Patent No. 584,305, dated June 8, 1897.

Original application filed November 14, 1895, Serial No. 568,884. Divided and this application filed May 26, 1896. Serial No. 593,133. (No model.)

To all whom it may concern:

Be it known that I, HERMAN CASLER, a citizen of the United States, residing at Canastota, in the county of Madison and State of New York, have invented certain new and useful Improvements in Mutoscopes, (Case No. 3;) and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in mutoscopes, upon which Letters Patent of the United States have already been issued to me under date of November 5, 1895, No. 549,309.

This application (Case No. 3) is a division of my original application, Serial No. 568,884, filed November 14, 1895.

I have found that in certain cases it is convenient to have the picture-cards described in my said patent mounted upon a shifting rack, which rack shall be slid back and forth in a proper case.

The preferred form of my invention is illustrated in the accompanying sheet of drawings, in which—

Figure 1 is a longitudinal vertical section of my invention, and Fig. 2 is a plan view with the internal construction shown in dotted line.

Throughout the drawings like reference-figures refer to like parts.

1 represents the casing, which has an opening 2, through which the observer may watch the passing picture-cards.

3 represents a sliding rack of any suitable construction, in which are mounted a series of picture-cards 4 4, &c., which represent the varying phases of motion of the object delineated. These cards are elastic or resilient, and the projection or bail 7 engages them as they move past.

5 is a slot in the bottom of the casing 1, and 6 is a handle or knob projecting through said slot mounted in the sliding rack 3.

The eyes of the observer being in the position shown in Fig. 1, he pulls the slide 3 toward him by means of the knob 6 and the cards 4 4 are successively held momentarily back by the bail 7 until the eye gets the impression of the picture thereon delineated. It is then snapped by and the succeeding card exposed to view.

The cards 4 4, &c., may be made of any proper resilient material, but I prefer fine bristol-board or the stock from which playing-cards are commonly made.

Having therefore described my invention, what I claim as new, and desire to protect by Letters Patent, is—

1. In a mutoscope the combination of a receptacle having an opening in the face thereof and a sliding rack mounted within it, a series of picture-cards mounted on said rack, means for moving said rack to and fro, and means for temporarily retarding the movement of the upper edge of the cards.

2. In a mutoscope the combination of a receptacle having an opening in its face and a sliding rack mounted within it, a series of picture-cards mounted on said rack, means for reciprocating the rack to and fro, and a bail extending transversely across the upper part for the purpose of momentarily retarding the upper end of the passing cards, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

HERMAN CASLER.

Witnesses:

THOMAS FORD,
H. N. MARVIN.