

(No Model.)

J. HORNBERGER.
HAND MIRROR.

No. 286,699.

Patented Oct. 16, 1883.

Fig. 2.

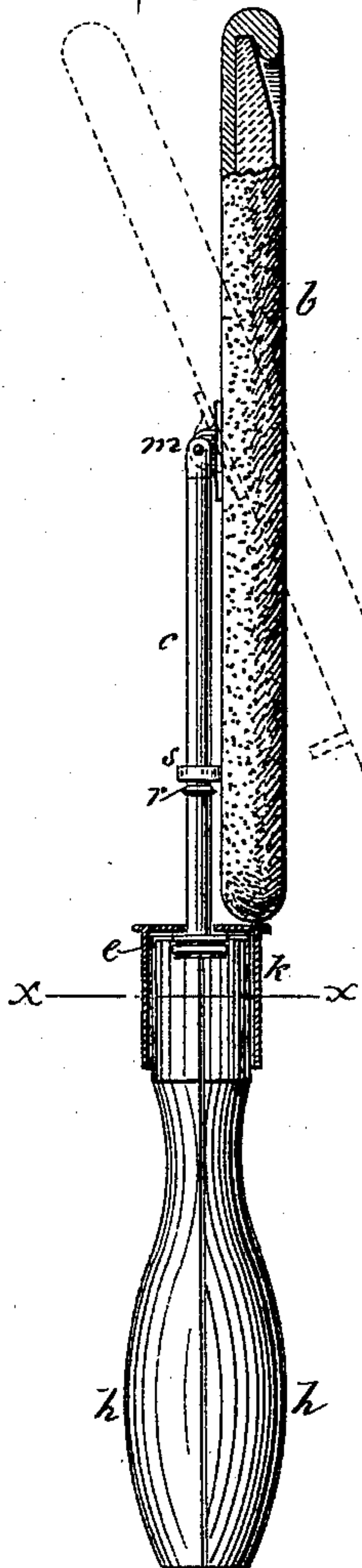


Fig. 1.

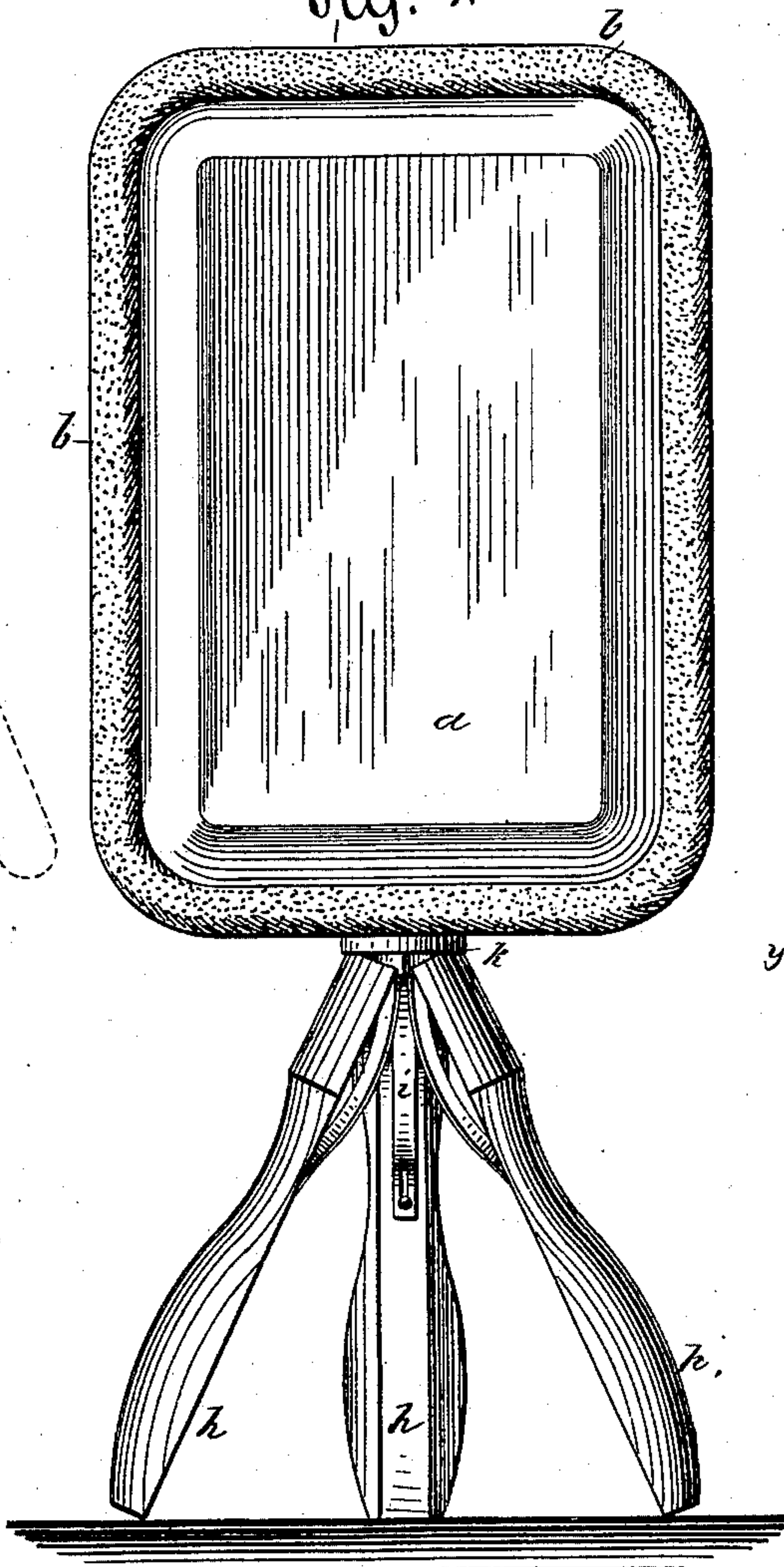


Fig. 3.

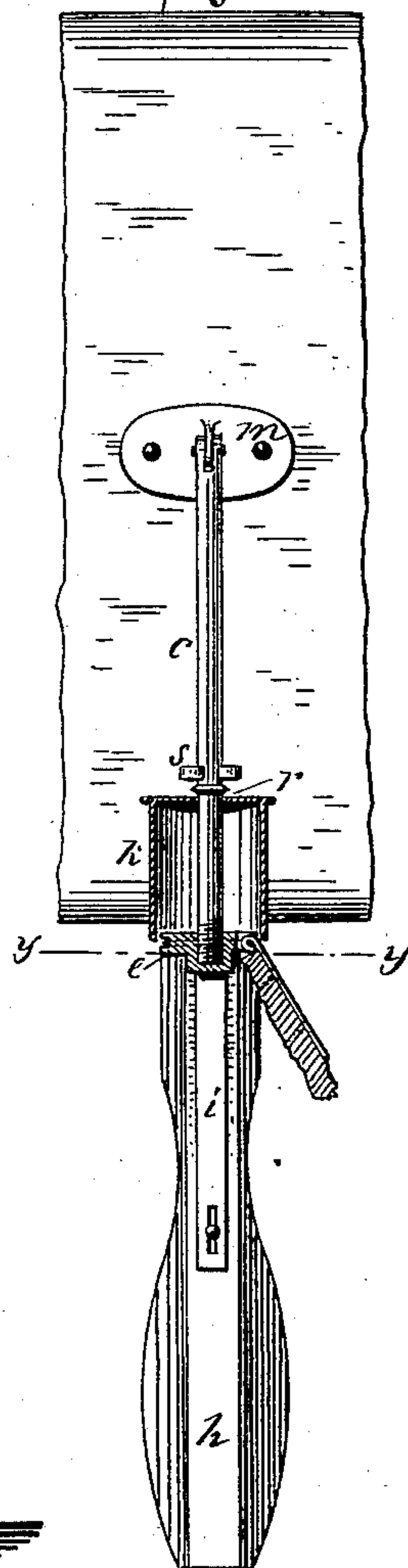


Fig. 5.



Fig. 4.

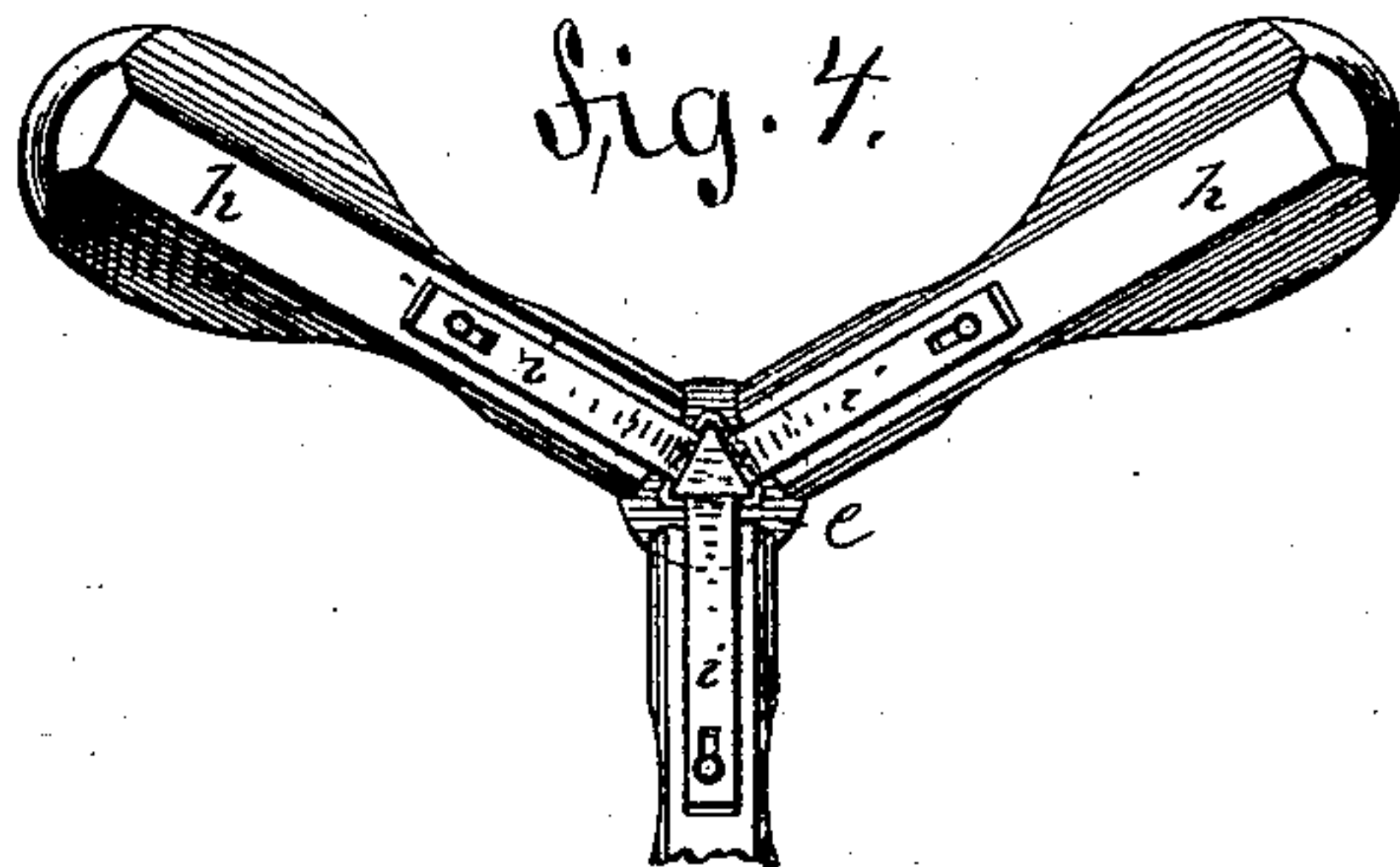
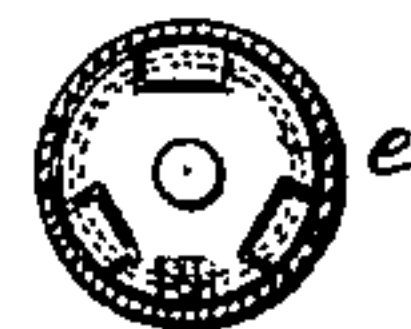


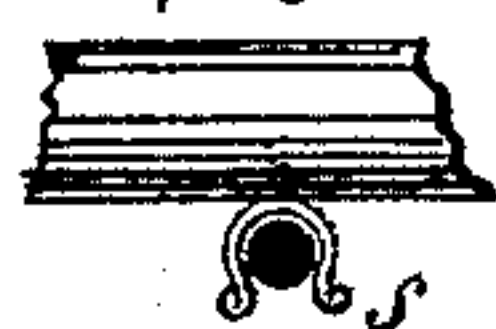
Fig. 6.



WITNESSES:

J. H. Rosenbaum.
Otto Risch.

Fig. 7.



INVENTOR

Jacob Hornberger
BY Leopold Raegen.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JACOB HORNBERGER, OF NEW YORK, N. Y.

HAND-MIRROR.

SPECIFICATION forming part of Letters Patent No. 286,699, dated October 16, 1883.

Application filed June 14, 1883. (No model.)

To all whom it may concern:

Be it known that I, JACOB HORNBERGER, of the city, county, and State of New York, have invented certain new and useful Improvements in Hand-Mirrors, of which the following is a specification.

The object of this invention is to furnish a hand-mirror which combines the conveniences of a hand-mirror with that of a small standing mirror; and the invention consists of a mirror that is hinged to a handle-rod, to the lower end of which is attached a handle composed of hinged sections. These sections may be locked together by a sliding cap, or released and spread apart by means of springs, so as to form a stand or tripod.

In the accompanying drawings, Figure 1 represents a front elevation of my improved hand-mirror, shown as supported on the handle. Fig. 2 is a side elevation, partly in section through the handle-locking cap. Fig. 3 is a rear view, also partly in section. Fig. 4 is a bottom view of the spread-handle. Fig. 5 is a horizontal section on line *xx*, Fig. 1. Fig. 6 is a horizontal section on line *yy*, Fig. 3; and Fig. 7 is a detail of a spring-catch for connecting the mirror to the handle-rod.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, *a* represents a mirror; *b*, its frame; *c*, a handle-rod hinged to the back of the frame at *m*, so that the mirror may be set at any inclination. On the handle-rod is guided a metallic cap, *k*, which is prevented from sliding up too far by a collar, *r*. A spring-catch, *s*, attached to the back of the mirror-frame, serves to engage the handle-rod *c*, so as to retain the mirror thereon when used as a hand-mirror. The handle *h* is made of three sections, which are held together by the sliding cap *k* when the same is pushed down, but which forms a stand or tripod when the cap is pushed up and released from the handle-sections. The handle-sections *h* are hinged to the handle-rod *c* by means of a disk, *e*, having a circumferential groove and a wire that

passes through eyes at the upper ends of the handle-sections. To the lower part of the disk *e* three springs, *i*, are fastened, which serve to press the handle-sections apart when the cap *k* is released. The lower parts of the springs *i* are slotted and guided along pins driven into the corresponding handle-sections, to provide for the opening and closing motion of the handle-sections. When the cap *k* is pushed up, the handle-sections are spread apart by their springs, and support thereby the mirror, while when they are retained by the cap they form together the handle of the mirror, which may thereby be used as a hand-mirror or as a stand-mirror, as desired.

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

1. The combination of a hand-mirror, a handle-rod hinged to its back, a split handle, the sections of which are hinged to the lower end of the handle-rod, interior springs that press upon the handle-sections, and means whereby the handle-sections may be locked or released, so as to form a handle or tripod, substantially as set forth.

2. The combination of a hand-mirror, a handle-rod hinged to its back, a split handle, the sections of which are hinged to the lower end of the handle-rod, interior springs that press upon the handle-sections, and a sliding cap movable on the handle-rod, substantially as described.

3. The combination of a hand-mirror, a handle-rod hinged to the back of the same, a split handle, the sections of which are hinged to the lower end of the handle-rod, means for locking or releasing the handle-sections, and a spring-catch for connecting the mirror to the handle, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

JACOB HORNBERGER.

Witnesses:

PAUL GOEPEL,
CARL KARP.