

No. 854,769.

PATENTED MAY 28, 1907.

W. F. SPICER.
ADJUSTABLE SHOE DISPLAY DEVICE.
APPLICATION FILED SEPT. 5, 1905.

2 SHEETS—SHEET 1.

Fig. 2.

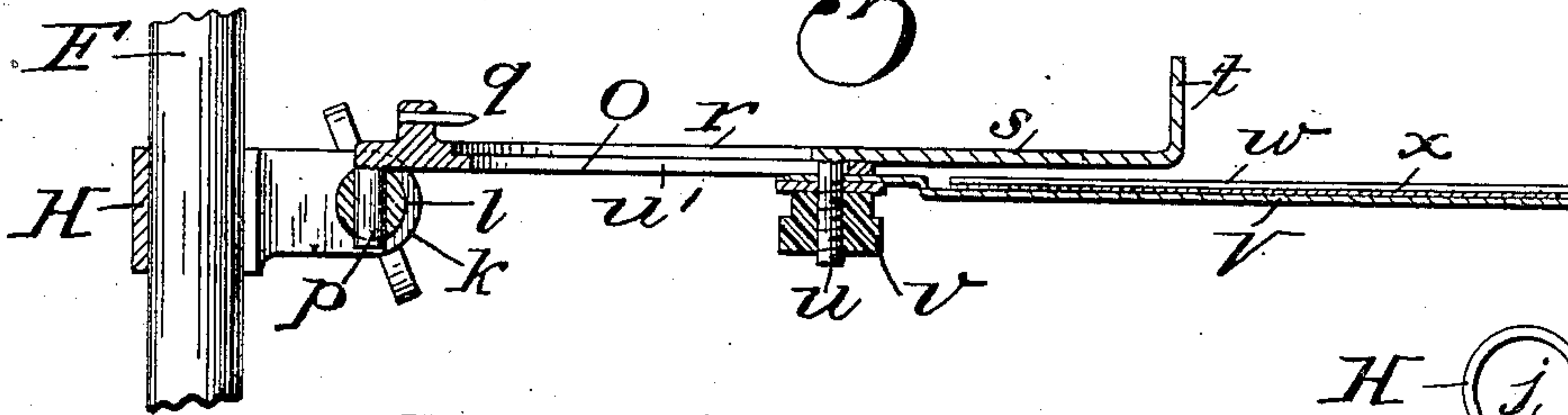


Fig. 5.

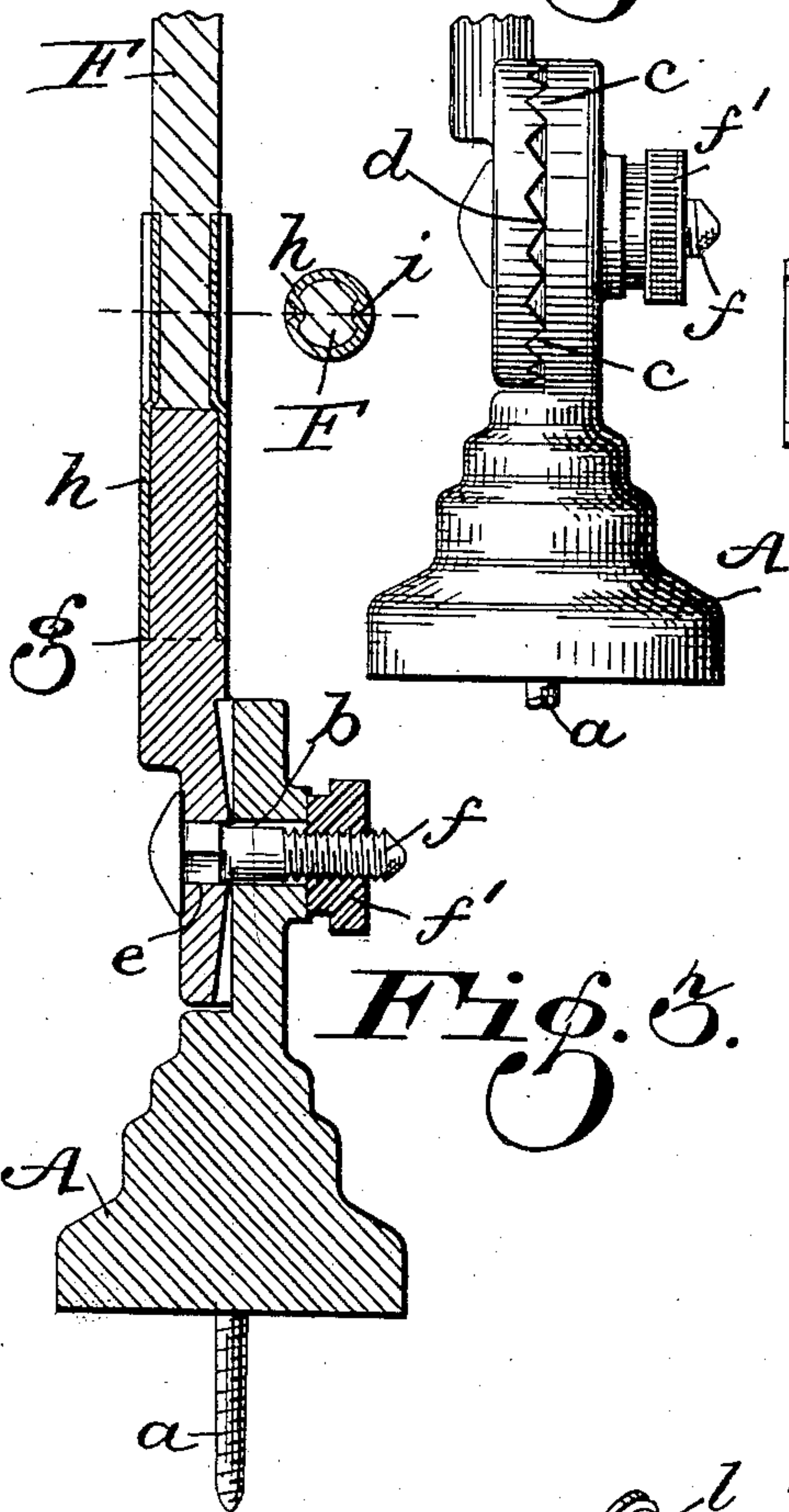


Fig. 1.

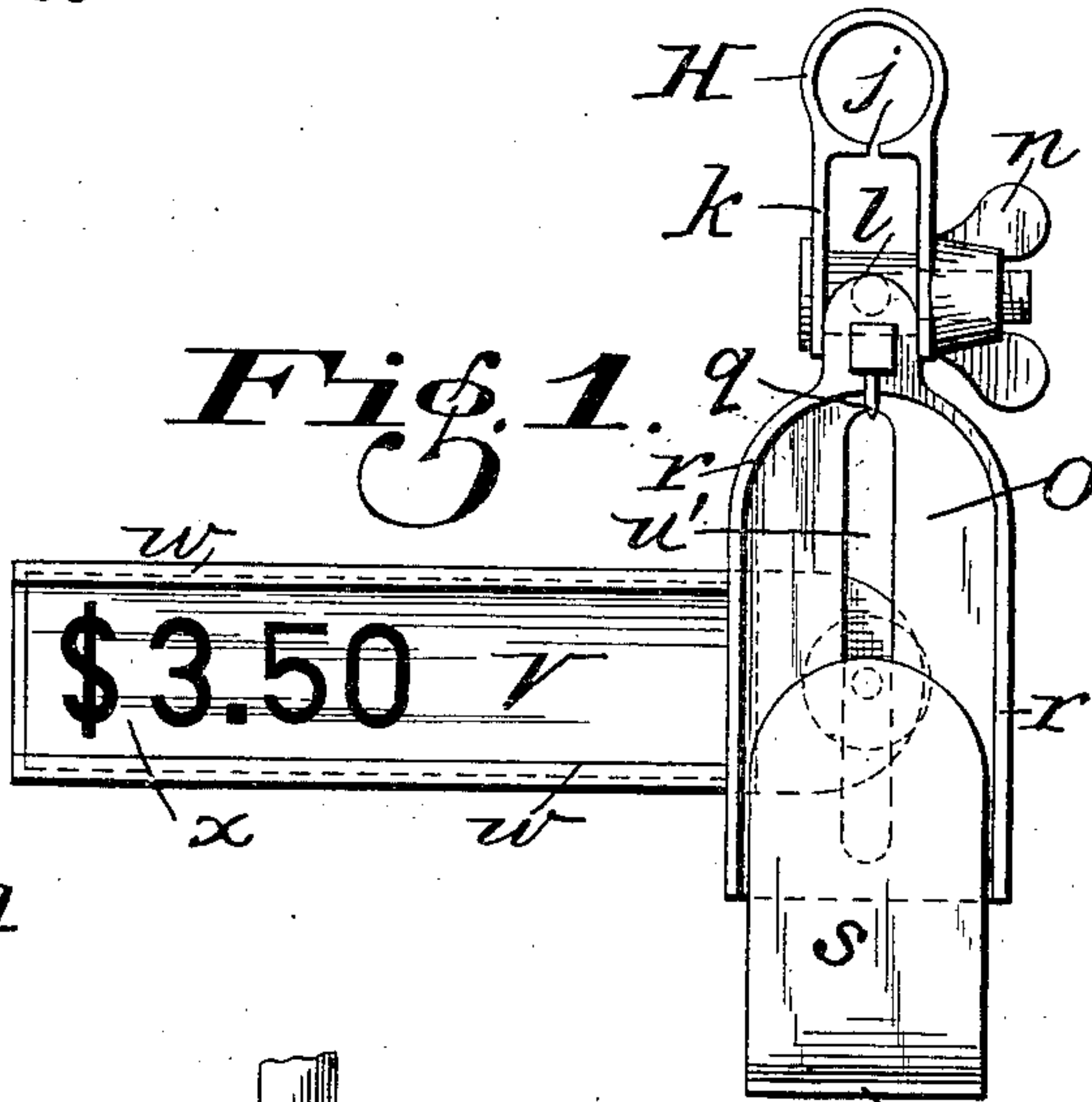


Fig. 4.

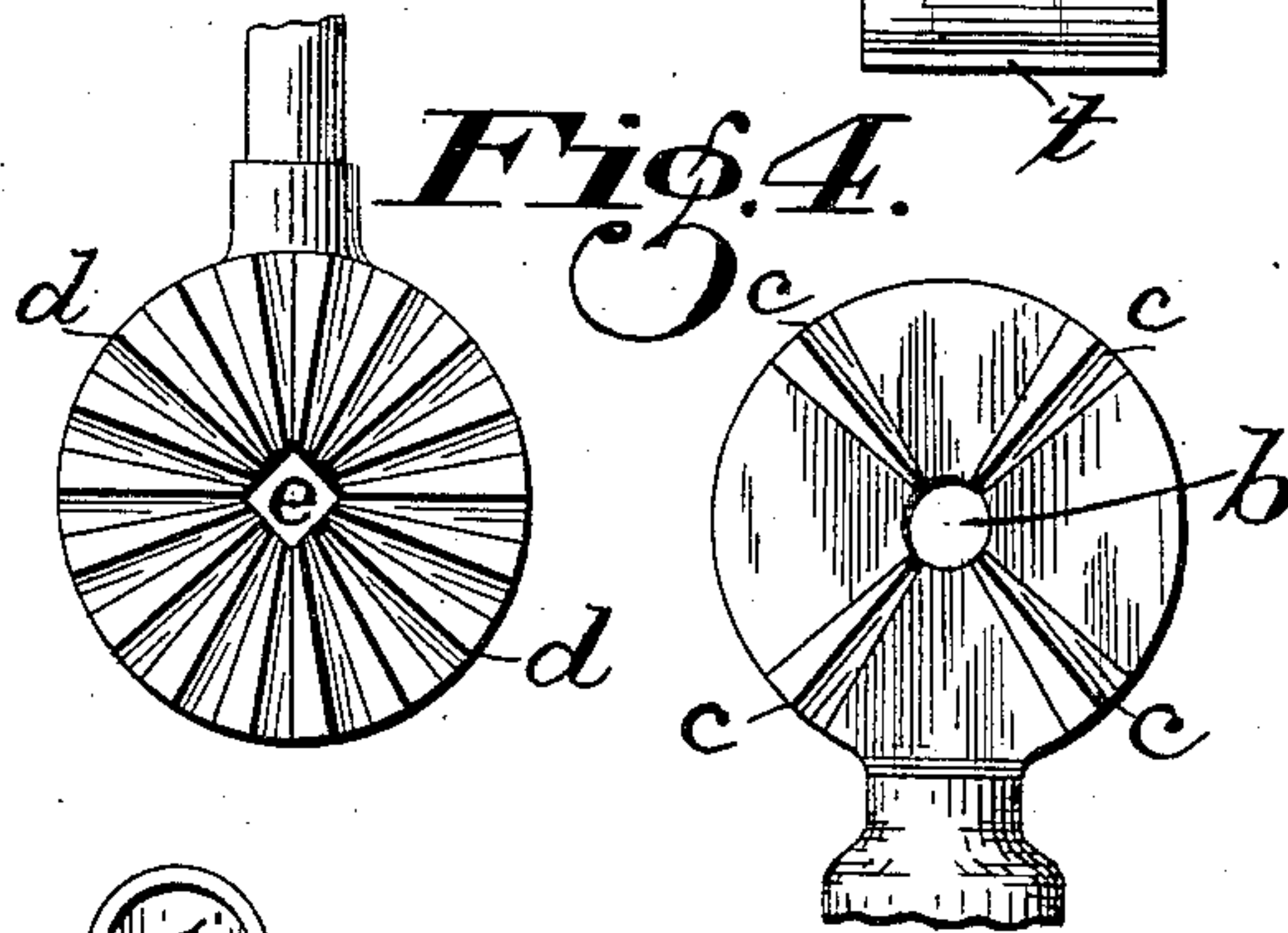


Fig. 3.

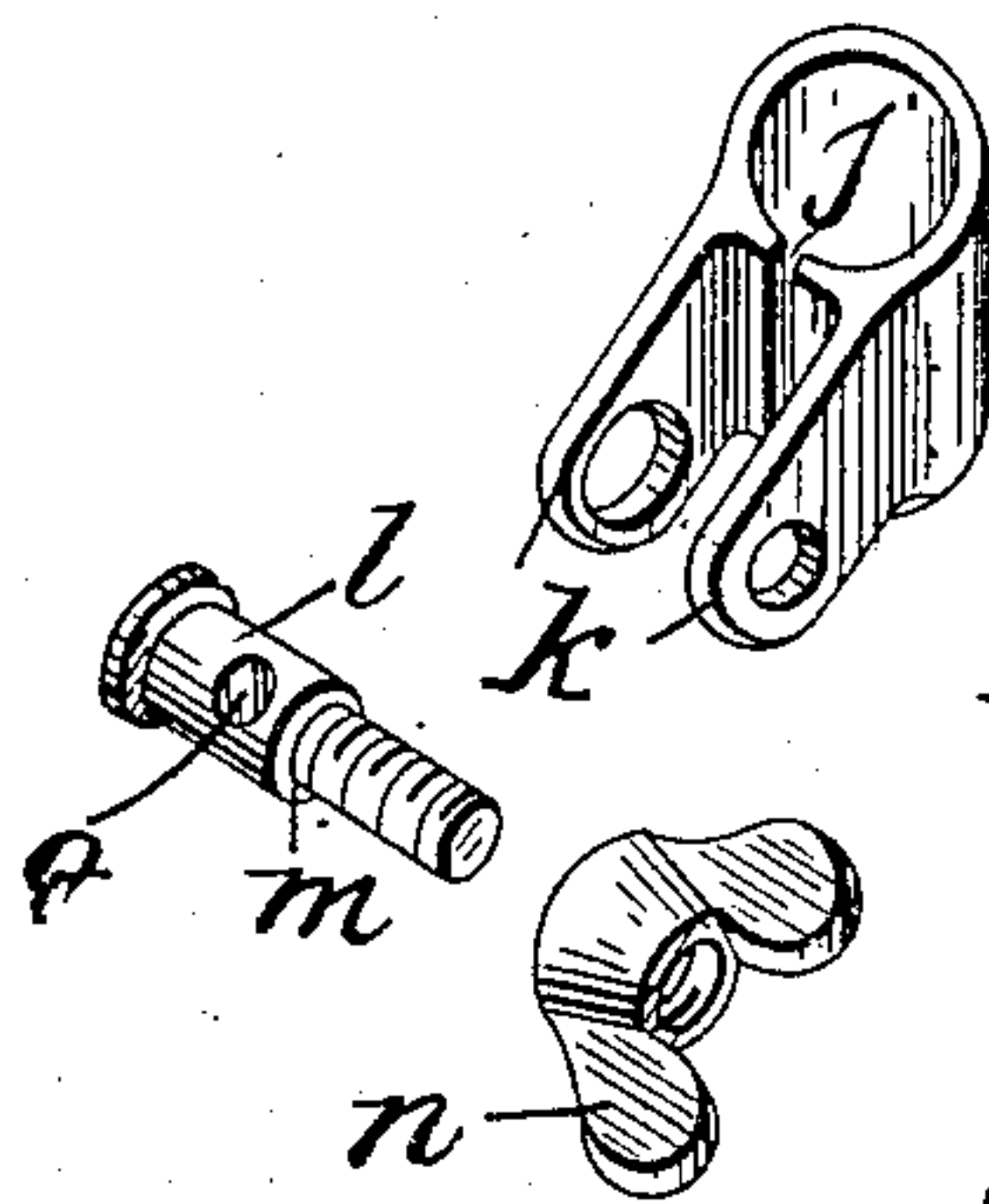


Fig. 6.

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2 SHEETS—SHEET 2.

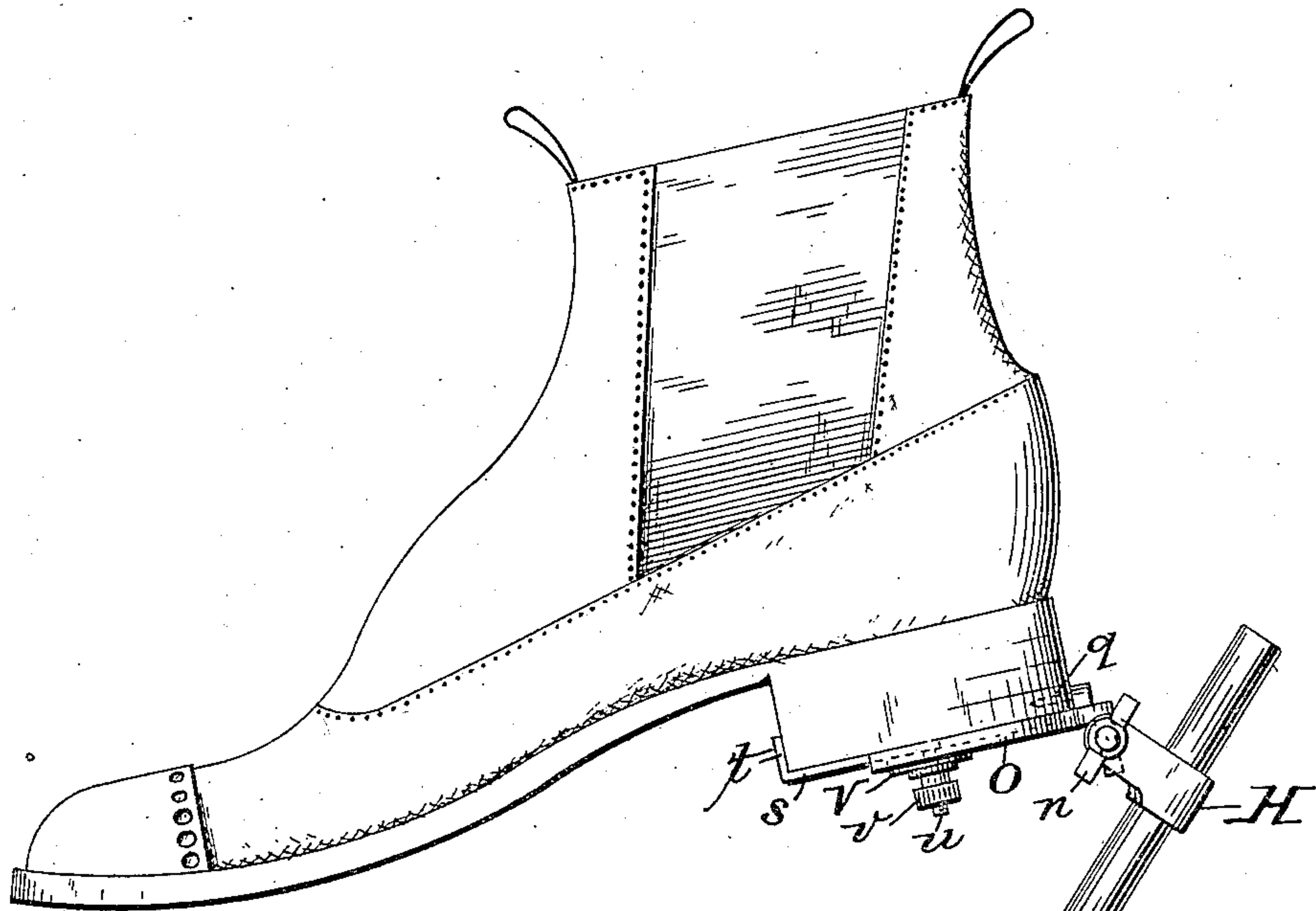
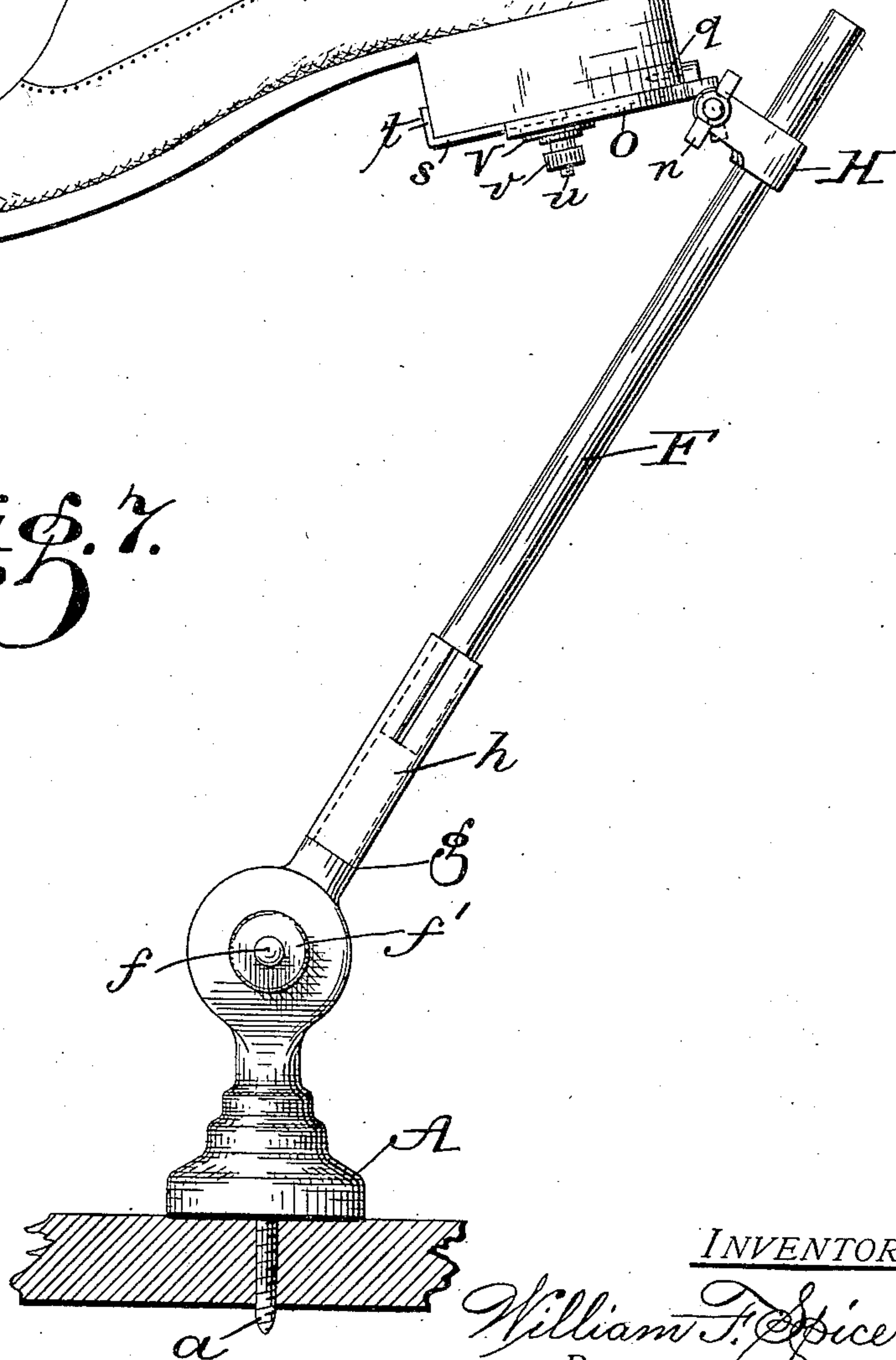


Fig. 7.



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UNITED STATES PATENT OFFICE.

WILLIAM F. SPICER, OF DAYTON, OHIO.

ADJUSTABLE SHOE-DISPLAY DEVICE.

No. 854,769.

Specification of Letters Patent.

Patented May 28, 1907.

Application filed September 5, 1905. Serial No. 276,943.

To all whom it may concern:

Be it known that I, WILLIAM F. SPICER, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Adjustable Shoe-Display Devices; 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My present invention relates to an "adjustable shoe display device,"—intended more especially for shoe store use,—and is in every manner and respect, an entirely separate and distinct invention over my previous invention, as set forth in my application filed in the U. S. Patent Office May 6, 1905, Serial No. 259,087 and entitled—"combination display rack,"—containing as it does, vastly different parts or mechanical elements of construction therefrom.

Some of the principal objects and advantages of this invention consist;—first: in providing a device for displaying shoes and foot-wear generally, whereby the shoes may be so displayed that when looked at from the front, the retaining clamp and supporting attachments will be hidden from view, so as not to deteriorate or take from, or otherwise mar the appearance of the shoe, by thus giving a free and uninterrupted view of same. Second: to provide a device of the nature and character above referred to, in which the retaining clamp and shoe support, as well as the supporting standard, may be made adjustable, whereby the shoe may be displayed at various elevations or heights and at various angles or inclined positions—or degrees of inclination—thus showing or displaying the same to more advantage.

Further objects consist in producing a device of this nature, which will be neat in appearance; simple in construction; composed of few parts; inexpensive in cost of manufacture; and more effective in its results.

My invention consists, essentially,—referring in general terms to the construction of my adjustable shoe display device; of a supporting standard; a base upon which said standard is adjustably mounted; means formed upon said base for adjusting said

standard to any degree of inclination desired; and the retaining clamp and shoe support for supporting the shoe from the standard;—all being adjustable;—and the minor and novel details of construction or attachments connecting therewith; and the very peculiar and novel construction, arrangement and combination of these various parts, as will be hereinafter more fully described in detail and pointed out in the subjoined claims, in accordance with the statutes in such cases made and provided therefor.

Referring to the accompanying drawings constituting a formal part of this specification, and wherein the same letters of reference indicate the same parts wherever occurring throughout the several views:—Figure 1, is a plan view of the retaining clamp and shoe support for supporting the shoe from the standard. Fig. 2, is a vertical, longitudinal sectional view of the retaining clamp and shoe support in the position they assume when supporting the shoe from the side by means of the sole. Fig. 3, is a vertical, longitudinal sectional view of the base, and splicing socket with a broken away portion of the supporting standard connected thereto and also an additional or detail view in cross section, of the splicing socket and supporting standard, taken on the dotted lines thereof. Fig. 4, is a broken away detail view of the inner face of each of the two adjustable clamping sections of the base, so as to clearly show the ribbed or corrugated surfaces for holding the upper section and standard at any desired inclination. Fig. 5, is an edge view of a broken away portion of the base in detail. Fig. 6, is a perspective view in detail—and shown in group; the socket and bifurcated portion, the connecting-pin and thumb-nut constituting the retaining clamp which supports or retains the shoe support: and Fig. 7, is a general view in side elevation, of my device supporting a shoe at a desired inclination,—so as to show the practical application of the same.

In describing my said invention specifically, and referring in detail to the various mechanical parts or elements of construction of my "adjustable shoe display device," as shown throughout the several views of the accompanying drawings and indicated by means of the letters of reference as aforesaid; A refers to the base, provided with a securing means preferably in the form of a screw or screw-threaded shank *a*,—by which said

base may be retained in position on the floor of the show-window of a store;—or wherever placed: Said base, as fully and clearly shown, being divided into a lower and upper section or portion: said lower section being formed with a central annular bolt opening or eye *b* and is provided on its inner face with a limited number—preferably four—of ribs or corrugations *c*,—which, when the parts are in position, enter into engagement with similar ribs or corrugations *d*,—which cover the inner face of the upper section; which is further formed with a rectangular or square bolt opening *e*: said lower and upper sections with their ribbed or corrugated faces, together forming the adjusting clamp, and are movably held together by bolt *f* which is keyed in rectangular opening *e* of the upper section, but is adapted to turn in the opening or eye *b* in the lower section, by reason of said eye being much larger in circumference than said bolt; the screw-threaded shank of said bolt receiving a thumb-nut *f'*;—by which said upper and lower sections are held securely and firmly together;—when said upper section having the standard *F* connected thereto, is in a vertical or upright position,—see Fig. 3,—or when placed at an angle or inclined position (see Fig. 7) by means of the ribs or corrugations *c* and *d*. Said upper section is made much smaller in circumference at the end, so as to form a shoulder at *g* adapted to receive the straight end of splicing socket *h* which is fluted or grooved at its opposite end, so as to receive the similarly fluted or grooved end of supporting standard *F*, as shown at *i*, in cross section in the additional or detail view of Fig. 3.

Mounted upon supporting standard *F*, is the retaining clamp *H*—which consists of a socket-portion constructed out of metal similar to the rest of the device and having a sufficient amount of resiliency, and formed with a slot at *j* and having the arms of bifurcated portion *k*; each being provided with an eye or opening and adapted to receive the large and small portions respectively of the stem of a connecting-pin *l*, which is retained in position in said eyes or openings in the arms or bifurcated portion *k*, by means of its head at one end, and the shoulder at *m* which bears against one of the arms of said bifurcated portion when thumb-nut *n* is turned upon the screw-threaded portion of the stem of said connecting-pin; which is further provided through said larger portion of said stem with an opening *o*, in which is inserted the foot *p* of the body *O* of the shoe support; said body being provided at one end with a spur *q*;—consisting of a small hard steel point as shown in Fig. 2;—and is formed with a small flange *r* around its rear and sides,—but not at the front, thus permitting the sliding portion *s*—(which is formed at its front into a lip *t*)—to slide or move therein;

by means of its screw-threaded stem *u* which rests in slot *u'* and receives a thumb-nut *v*. Said sliding portion *s* may be held at any point on body *O* to which it is moved:—thus holding the shoe or any style of foot wear to be displayed, by each of the opposite edges of the sole, as shown in Fig. 2;—or back and front of heel, as shown in Figs. 1 and 7, between the point of spur *q*—(of body *O*)—and lip *t*—of sliding portion *s*,—see Fig. 7: and by simply turning or running up thumb-nut *n* on the screw-threaded stem of connecting-pin *l*; arms *k* of said bifurcated portion, by means of slot at *j*,—will be forced or sprung tight enough together, to grip firmly between them the end having foot *p*, which rests in opening *o* in larger portion of connecting-pin *l* as just referred to:—and at same time the socket portion of said retaining clamp will thus be caused to bind firmly and rigidly upon supporting standard *F*, thus firmly, securely and adjustably retaining the shoe support with the shoe in proper position upon said standard:—see Figs. 1, 2 and 7.

As shown in Figs. 1 and 2, I employ a card-holder *V*, preferably made out of thin sheet metal having an eye or opening by which it is adapted to be placed on screw-threaded stem *u* next to body *O*, and held thereon by thumb-nut *v*, at right angles to body *O* when the shoe support is supporting the shoe by the heel as shown in Figs. 1 and 7;—or when said card-holder is in same horizontal plane with said body portion when intended to clamp the shoe by the sole as shown in Fig. 2. Card-holder *V* has the sides turned up so as to form a groove at *w*, in which is inserted from the front a price-card *x*, consisting of a slip of card-board or celluloid, upon which may be printed or marked the price or name of the shoe:—in Fig. 1 of the drawings I have shown a price-card with \$3.50 marked thereon.

Having now described the construction and operation of my adjustable shoe display device:—what I claim as my invention is:—

1. In an adjustable shoe display support, the combination of a sectional supporting base; a supporting standard adapted to be inclined by one of the sections of said base; a splicing socket for connecting said supporting standard to the base; a retaining clamp adjustably mounted upon said standard; and a shoe support adapted to be connected to and supported by said retaining clamp and provided with an adjusting portion adapted to grip the shoe by the heel or sole; all substantially as described.

2. The herein referred to adjustable shoe display support, consisting of—a supporting base constructed in sections and adapted to be secured firmly in position; a supporting standard connected with and arising from the upper of said sections, and held in a vertical or an inclined position by same; a splicing

socket which connects said supporting standard with said upper section; a retaining clamp adjustably mounted upon the supporting standard and provided with a connecting pin; a shoe support adapted to be adjustably and removably carried by said connecting pin and provided with a card holder and having a sliding portion provided with a lip so as to support a shoe by the heel or sole; substantially as described.

3. In an adjustable shoe display device, a retaining clamp for supporting a body from a standard, having a socket portion provided with a slot, arms or bifurcated portion, a connecting-pin having a head at one end, a body portion provided with an eye, a screw-threaded end smaller in circumference than said body portion, said body and said stem portions adapted to rest each in an eye in each of said arms, and forming a bearing by means of its head,—and shoulder between

the body and screw-threaded end, and a thumb-nut mounted upon said screw-threaded end; substantially as described.

4. In an adjustable shoe display device, and in combination with the supporting standard thereof; of an adjustable retaining clamp having two resilient arms provided with a connecting-pin and thumb-nut, said connecting-pin adapted to support a shoe support provided with a card-holder and having a body portion provided with a spur, a sliding portion provided with a lip so as to support a shoe by the heel or sole; substantially as described.

In testimony whereof, I have affixed my signature, in presence of two witnesses.

WILLIAM F. SPICER.

Witnesses:

IRA T. SWARTZ,
BERNARD B. EWALD.