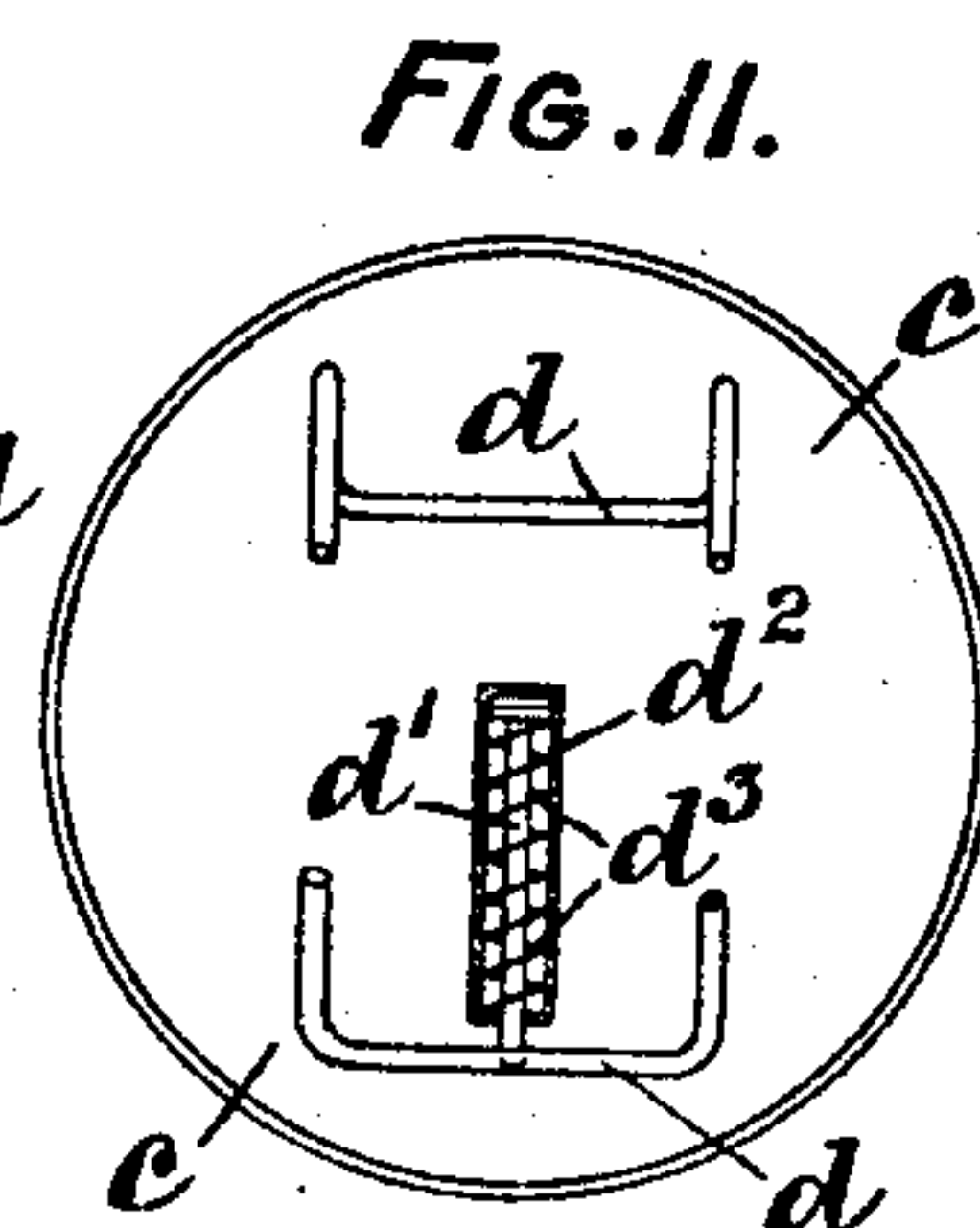
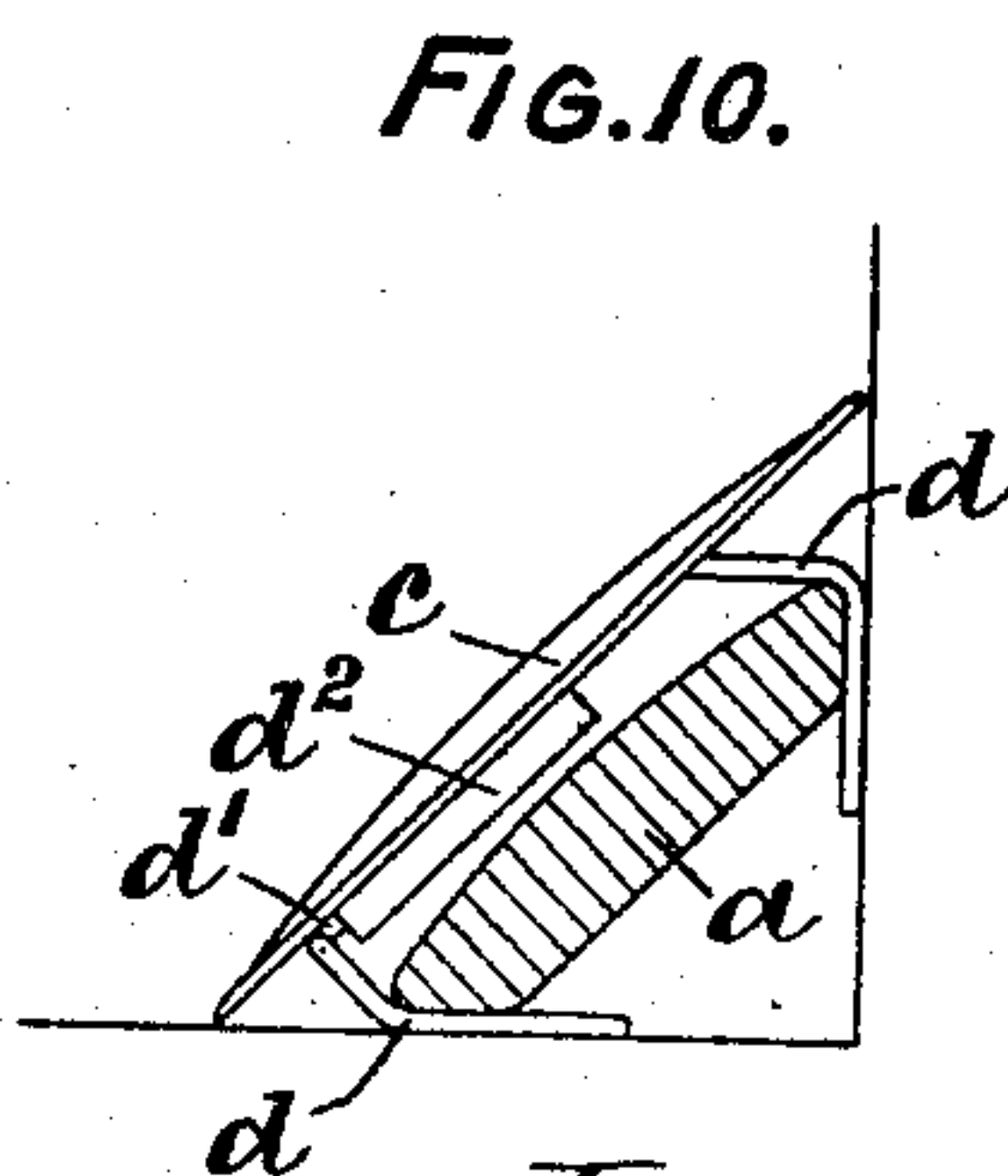
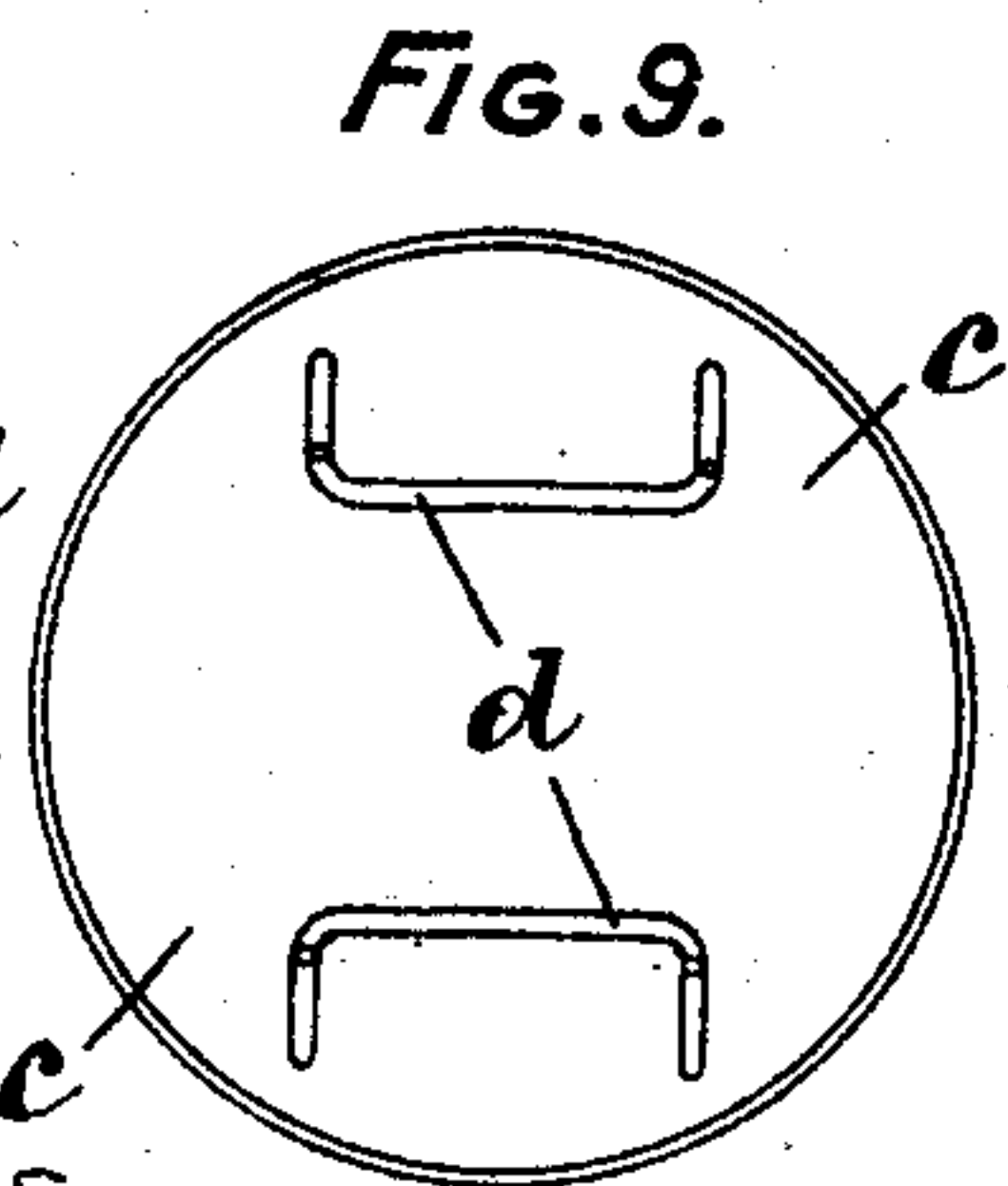
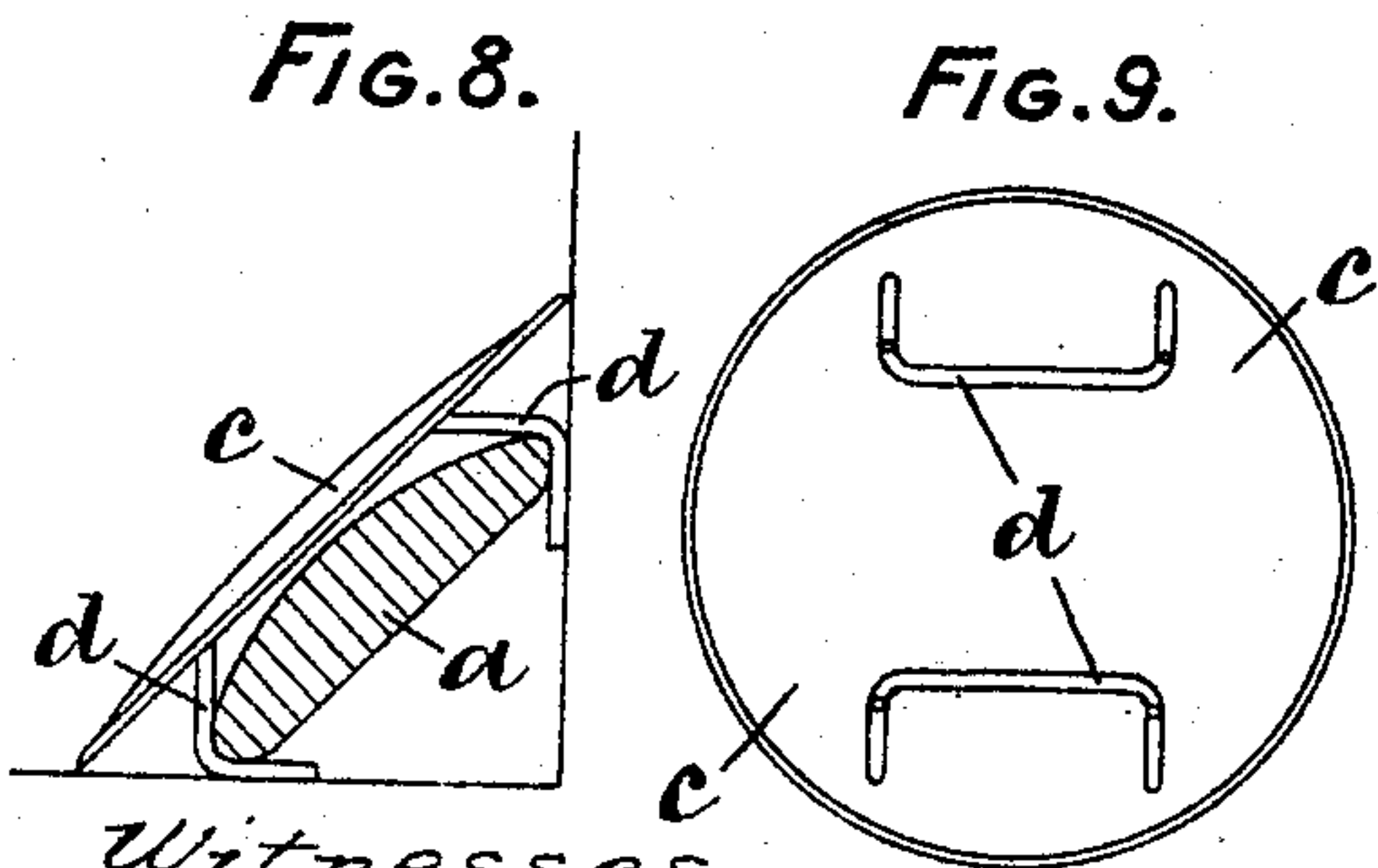
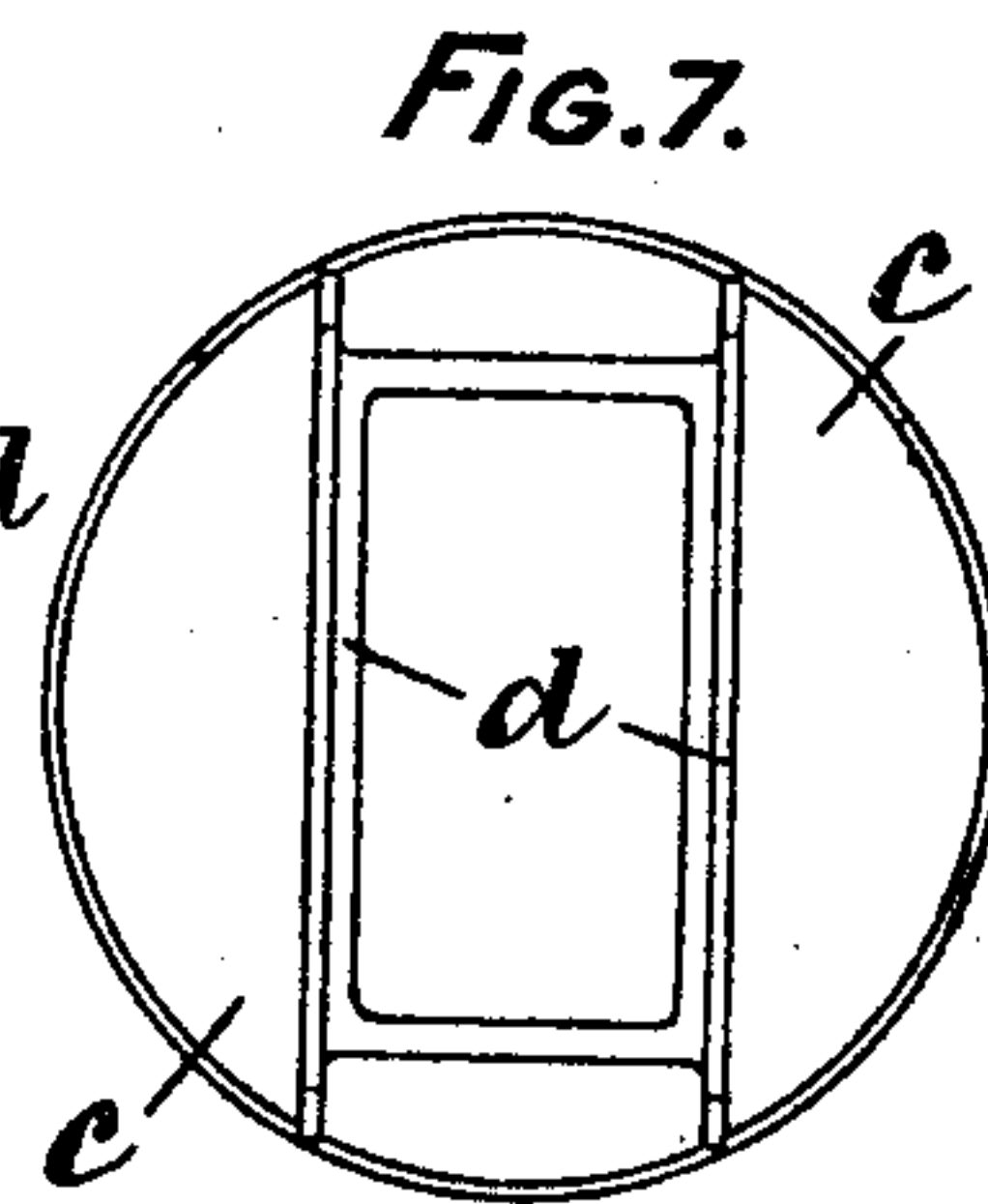
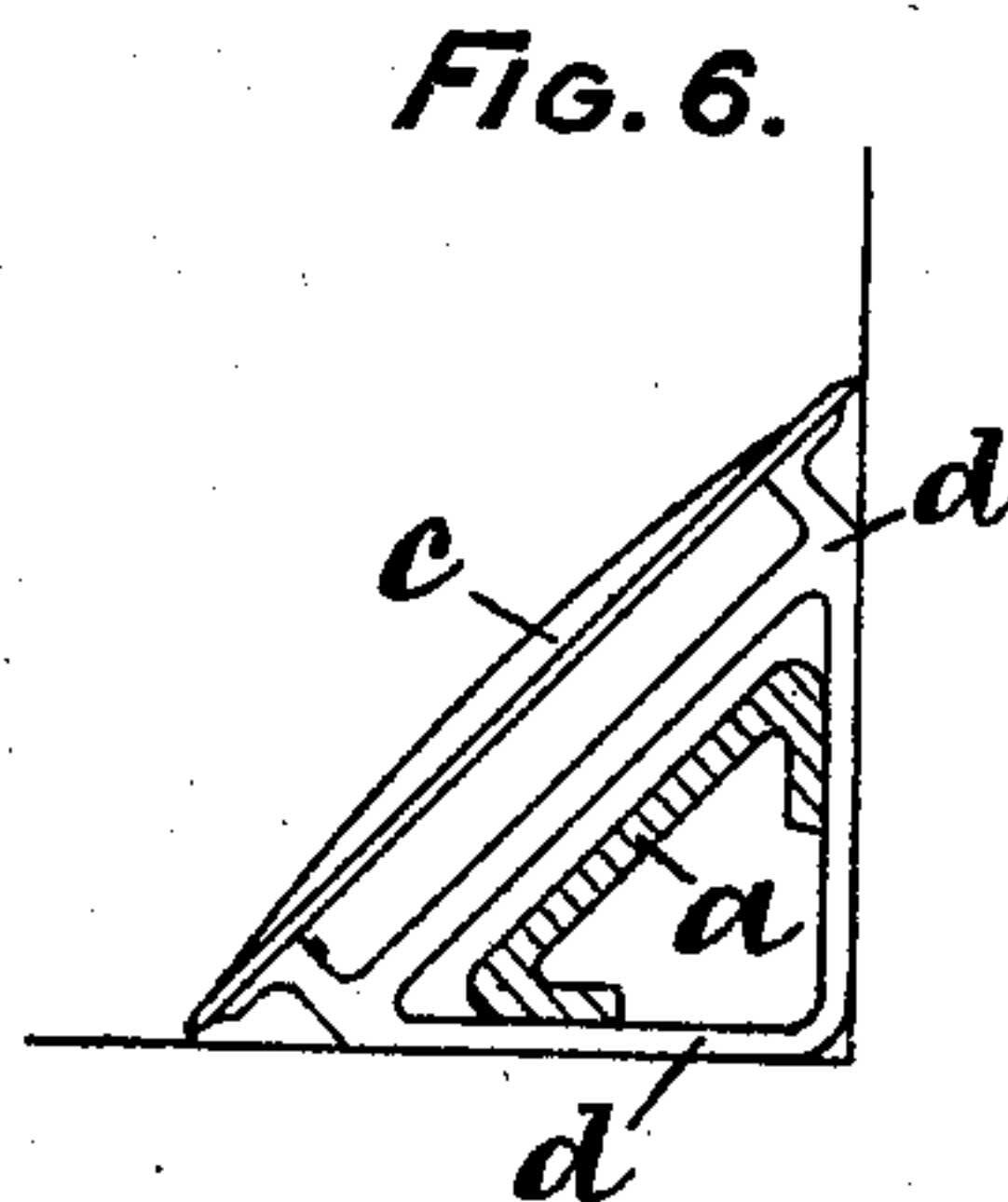
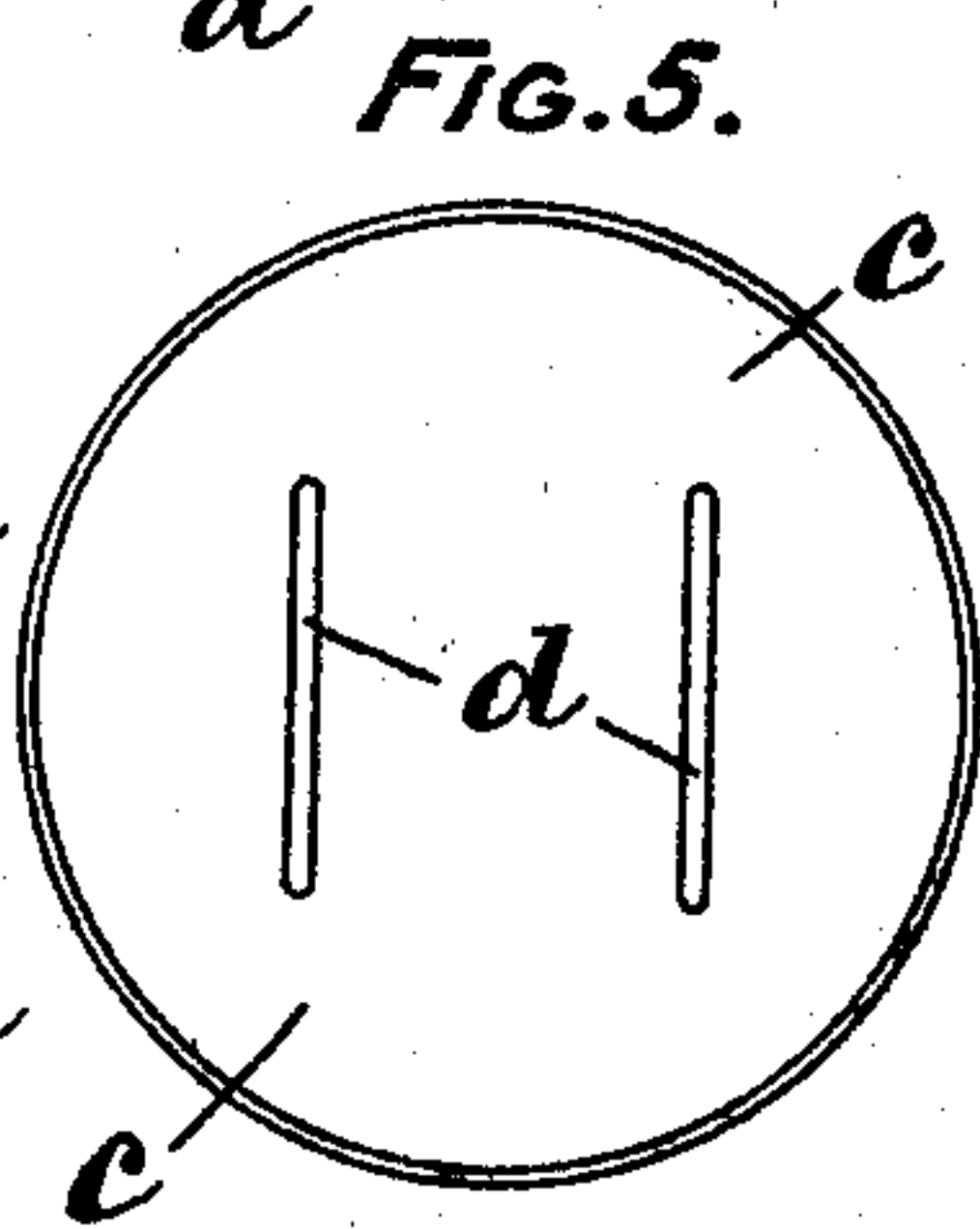
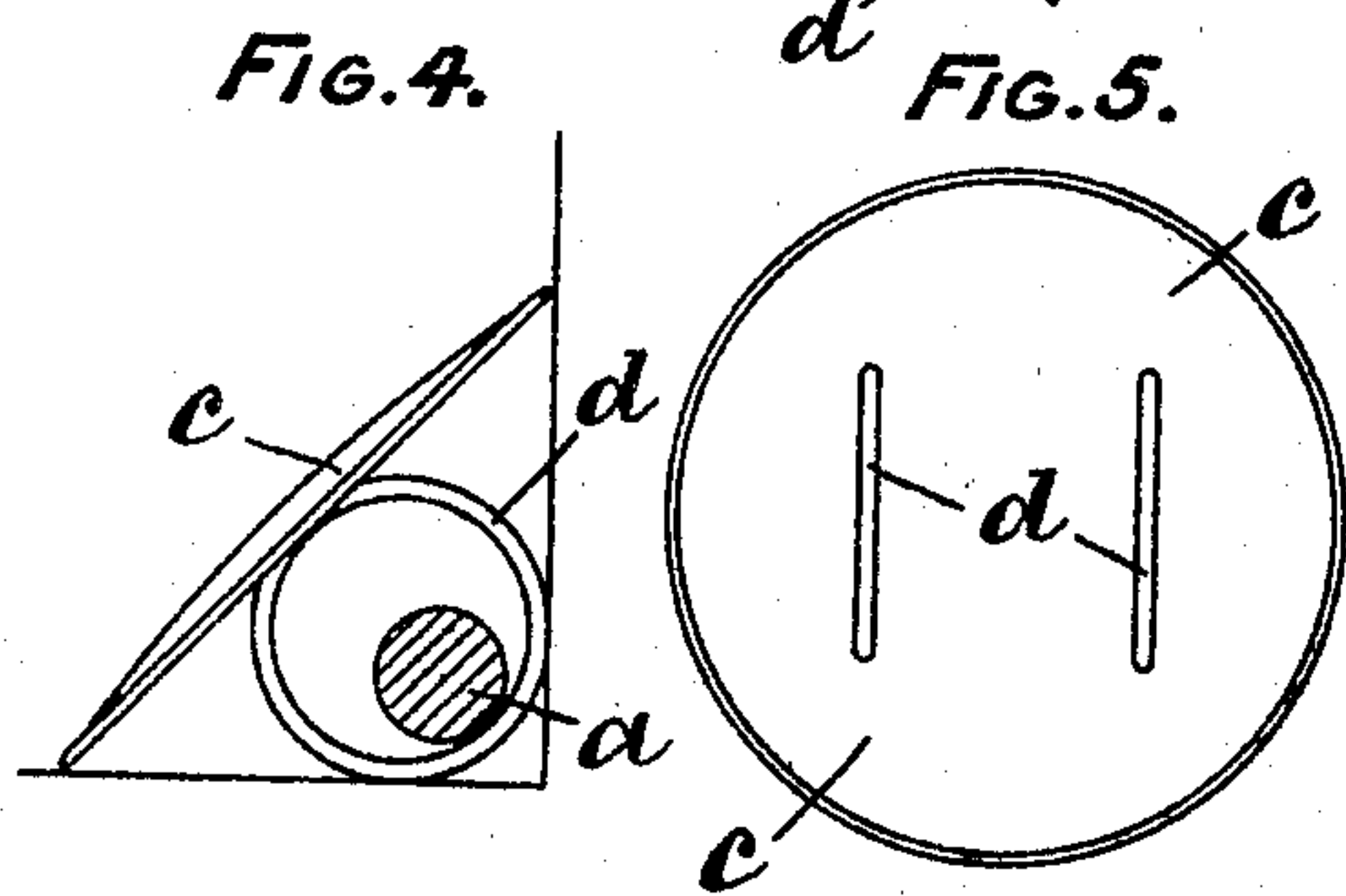
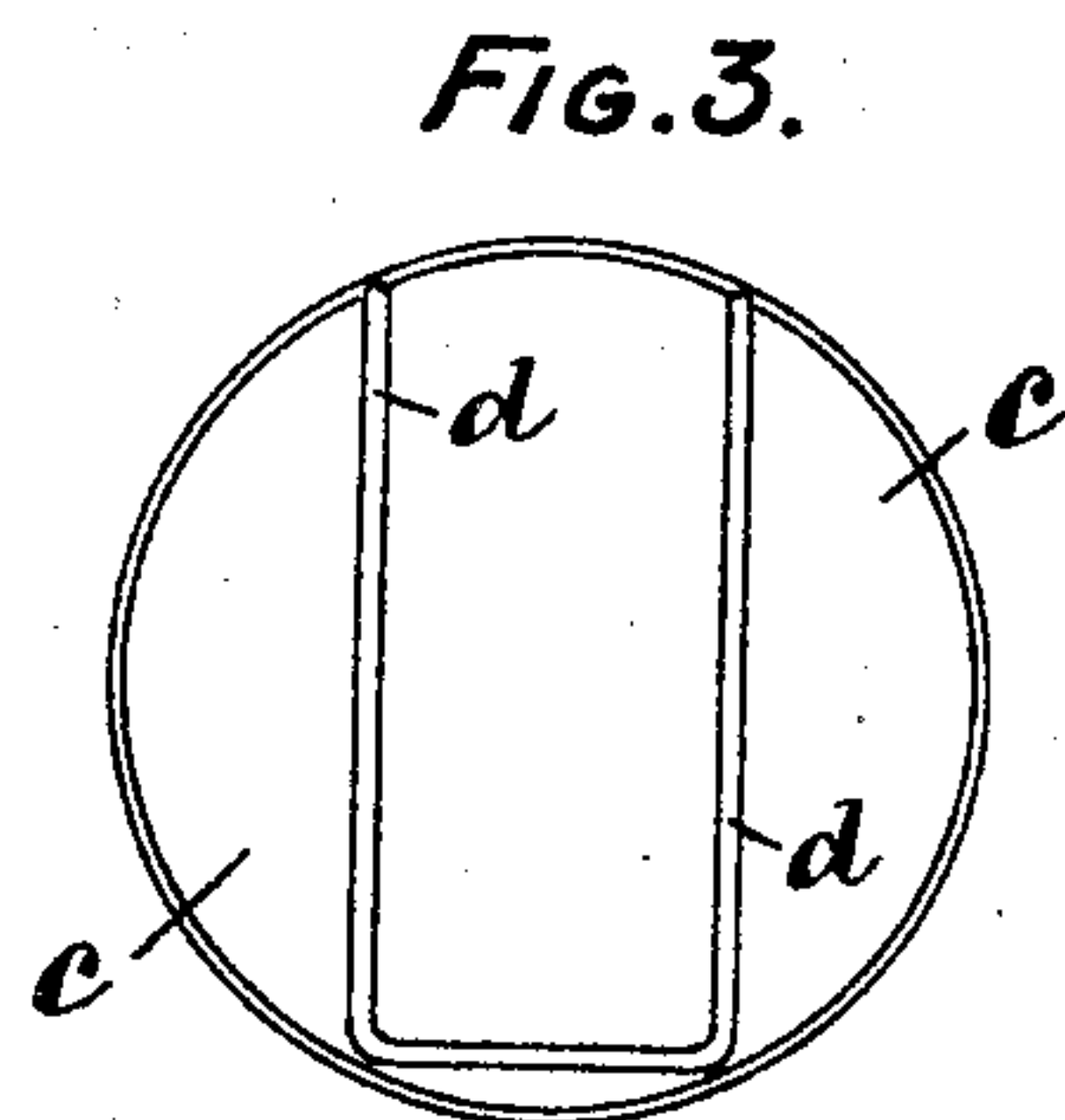
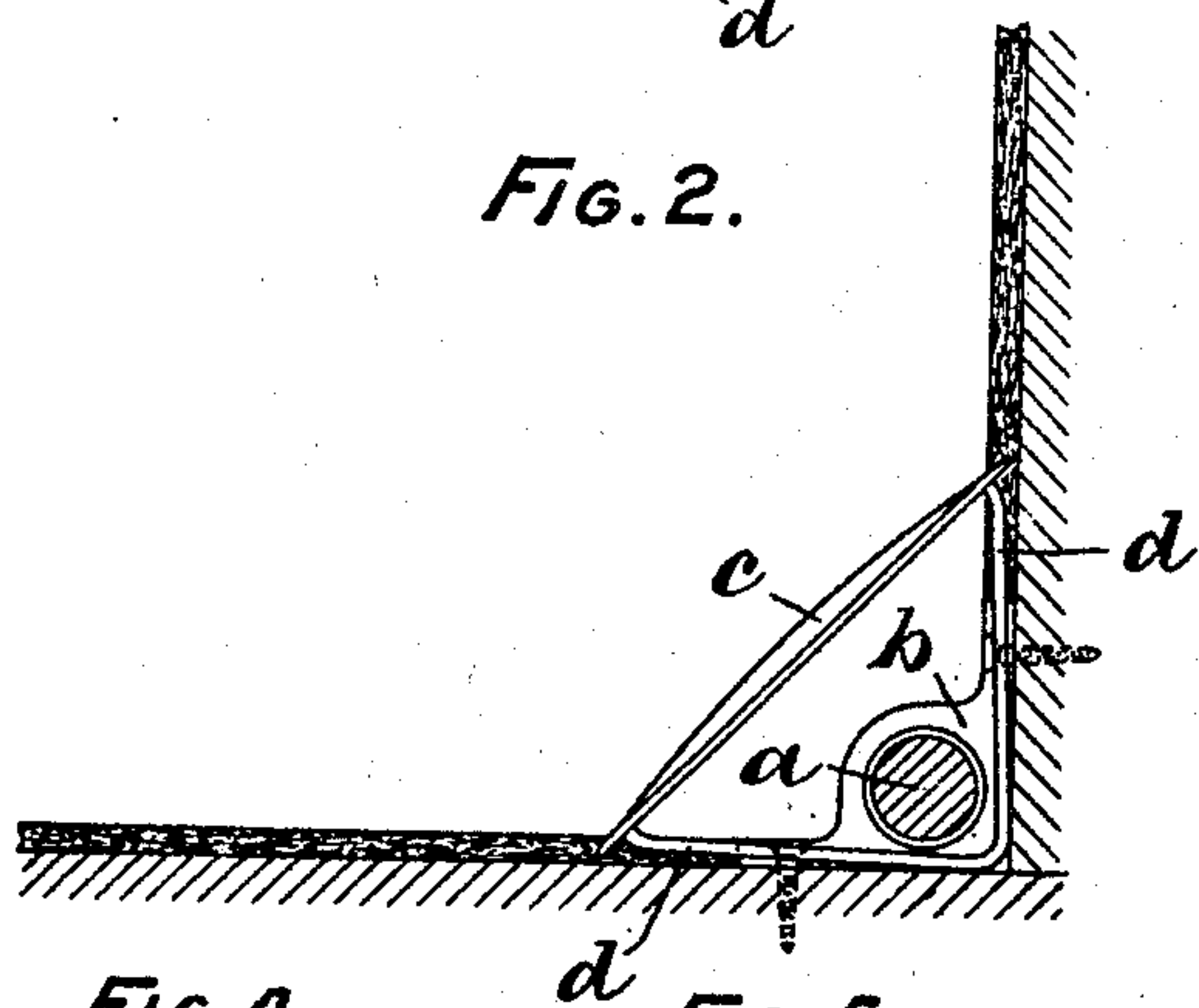
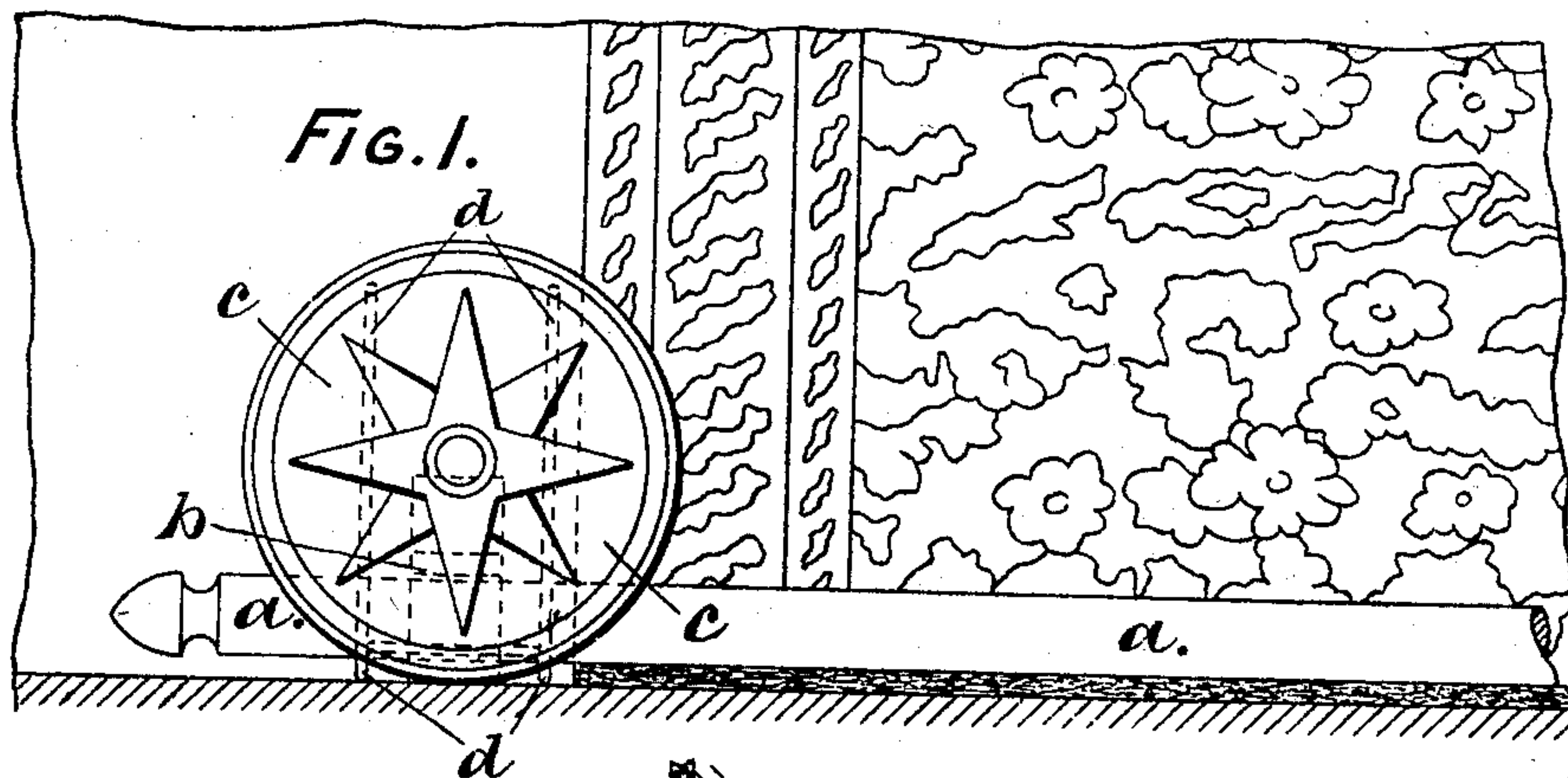


No. 795,590.

PATENTED JULY 25, 1905.

B. DRAPER.
STAIR ROD AND EYE.
APPLICATION FILED JUNE 11, 1904.



Witnesses

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UNITED STATES PATENT OFFICE.

BENJAMIN DRAPER, OF EVERTON, LIVERPOOL, ENGLAND, ASSIGNOR
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STAIR ROD AND EYE.

No. 795,590.

Specification of Letters Patent.

Patented July 25, 1905.

Application filed June 11, 1904. Serial No. 212,205.

To all whom it may concern:

Be it known that I, BENJAMIN DRAPER, a subject of the King of England, and a resident of Everton, Liverpool, in the county of Lancaster, England, have invented certain new and useful Improvements Connected with Stair Rods and Eyes, of which the following is a specification.

This specification has reference to rods and eyes used for fastening carpets or covers on stairs.

It is well known that it is troublesome and difficult to polish the brass or bright-metal eyes used for holding stair-rods, while the paint or polish at the sides is very liable to be damaged in so doing, even if the stair carpets or coverings are removed; and the object and effect of the present invention are to obviate this difficulty—that is, to render the part which is presented to the view capable of being easily polished and brightened without the defects referred to. This is effected under this invention by the employment of a detachable face or cover to the eyes, so that they can be readily removed when desired and polished or cleaned and put back.

In the drawings illustrating this invention several modifications thereunder are shown.

Referring generally to the drawings, *a* is the stair-rod.

b is the stair-eye, and *c* the cover, while *d* is the portion of the cover which is adapted to be connected to the rod or eye, as the case may be.

In the drawings, Figure 1 is a front elevation. Fig. 2 is a side elevation showing a portion of the staircase with the detachable cover or face applied, and Fig. 3 is a back view of the cover. In this case the part *d* of the cover *c* consists of two triangular loops of wire attached at their ends by solder or the like to the inside of the cover proper, *c*, and adapted to pass round the back of the rod, one on each side of the stair-eye *b*, and so be held or fastened in position angularly by the rod.

In the example shown in Figs. 1 to 3, as in others having loop-fasteners *d*, the loops are so made that when the cover proper is disposed at an angle they will touch or come near the vertical and horizontal planes in which their upper and their lower edges lie.

In the modification shown in Figs. 4 and 5

(which are side elevation and back view) the loops or fasteners *d* are round instead of angular, as in Figs. 1 to 3.

In the modification shown in Figs. 6 and 7 (which are side elevation and back view) the fasteners *d* are in the form of cheeks cut out of thin brass or other plate and soldered to the back of the cover, they being bent round at right angles, as shown. In this case a triangular stair-rod *a* is shown.

In a modification shown in Figs. 8 and 9 (these figures being side elevation and back view, respectively) the fastening portions *d* of the cover consist of prongs which fit over the upper and lower faces of the rod *a*, which in this case is shown to be of partially-rounded and partially-flat form.

Figs. 10 and 11 show in side elevation and back view a modification of the type shown in Figs. 8 and 9, but in which one of the sides of prong-loops—namely, the lower one—has a rod *d'* with a knob on the end, which fits and works in a tube *d''*, fastened onto the back of the body of the cover *c*, and is normally pressed upward by a spring *d'''*, placed between the lower end of the tube and the head of the rod *d'*. By this the prongs will always grip the rod tightly.

The bodies *c* of the covers may be made out of stamped metal and ornamented or cast or of compressed papier-mâché or any other suitable material, while the eyes may be made of inferior metal—say cast-iron or cast malleable—as they are in most cases hidden by the cover.

Having now particularly described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In combination with a stair-rod, eyes through which the rod passes for holding the said rod in place and covers for said eyes, each of said covers comprising the cover proper *c*, and the fastening part *d* on the back of the cover *c* adapted to engage with and be held by the stair-rod, said covers being independent of the eyes, substantially as described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

BENJAMIN DRAPER.

Witnesses:

S. GOODALL,

W. HARRISON.