

D. S. HAYNES.  
EMBLEM FASTENER.  
APPLICATION FILED JUNE 19, 1909.

974,059.

Patented Oct. 25, 1910.

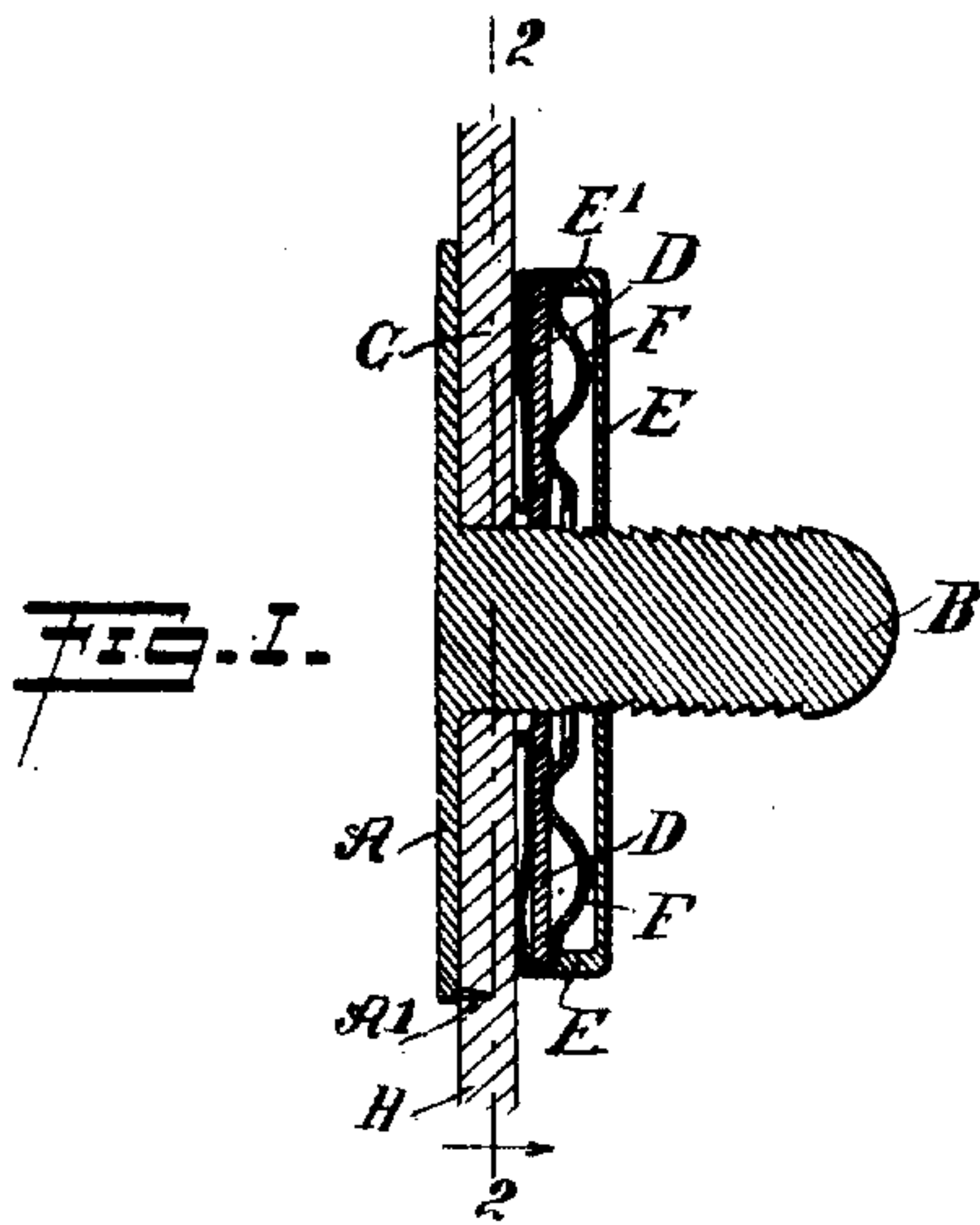


FIG. 2.

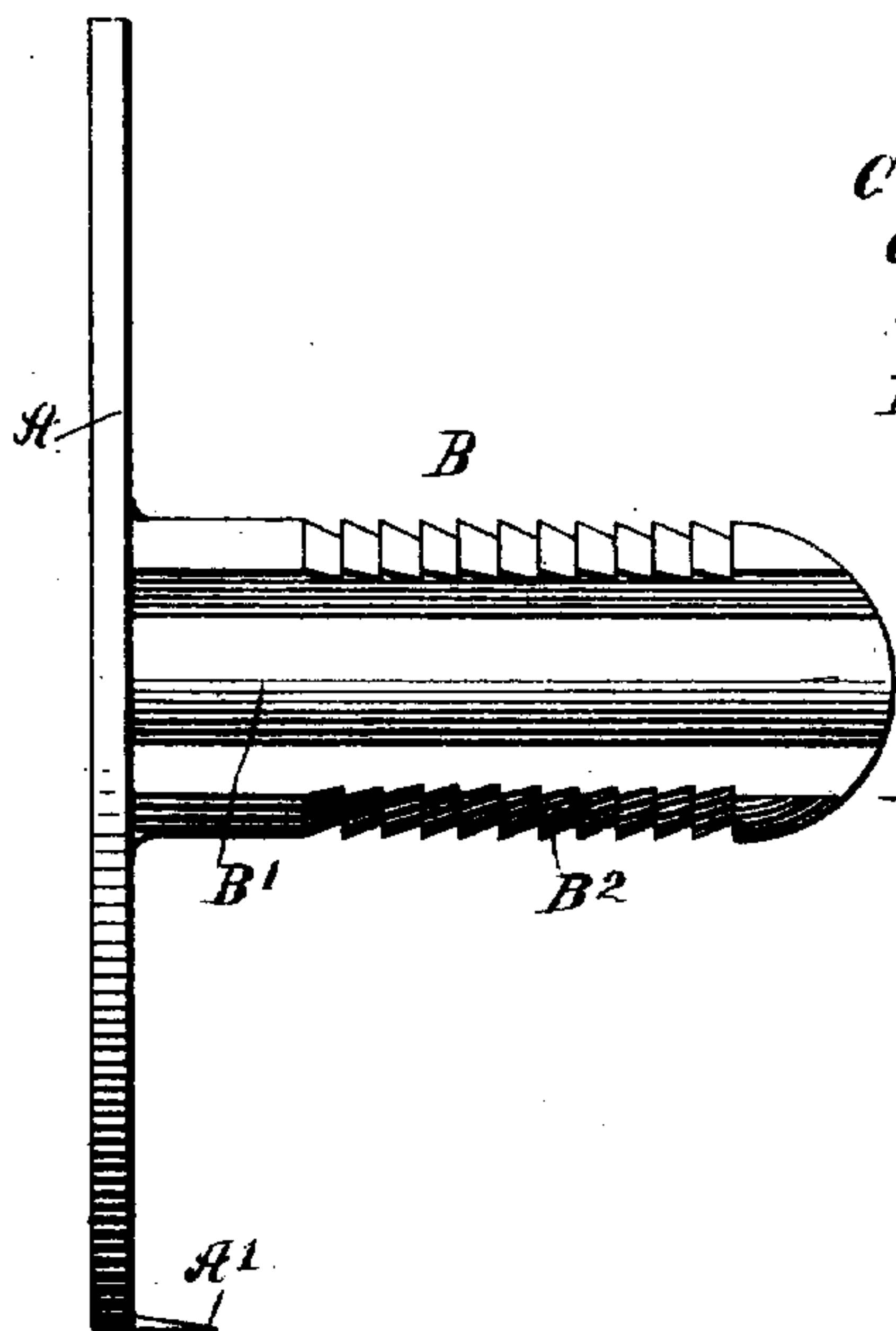
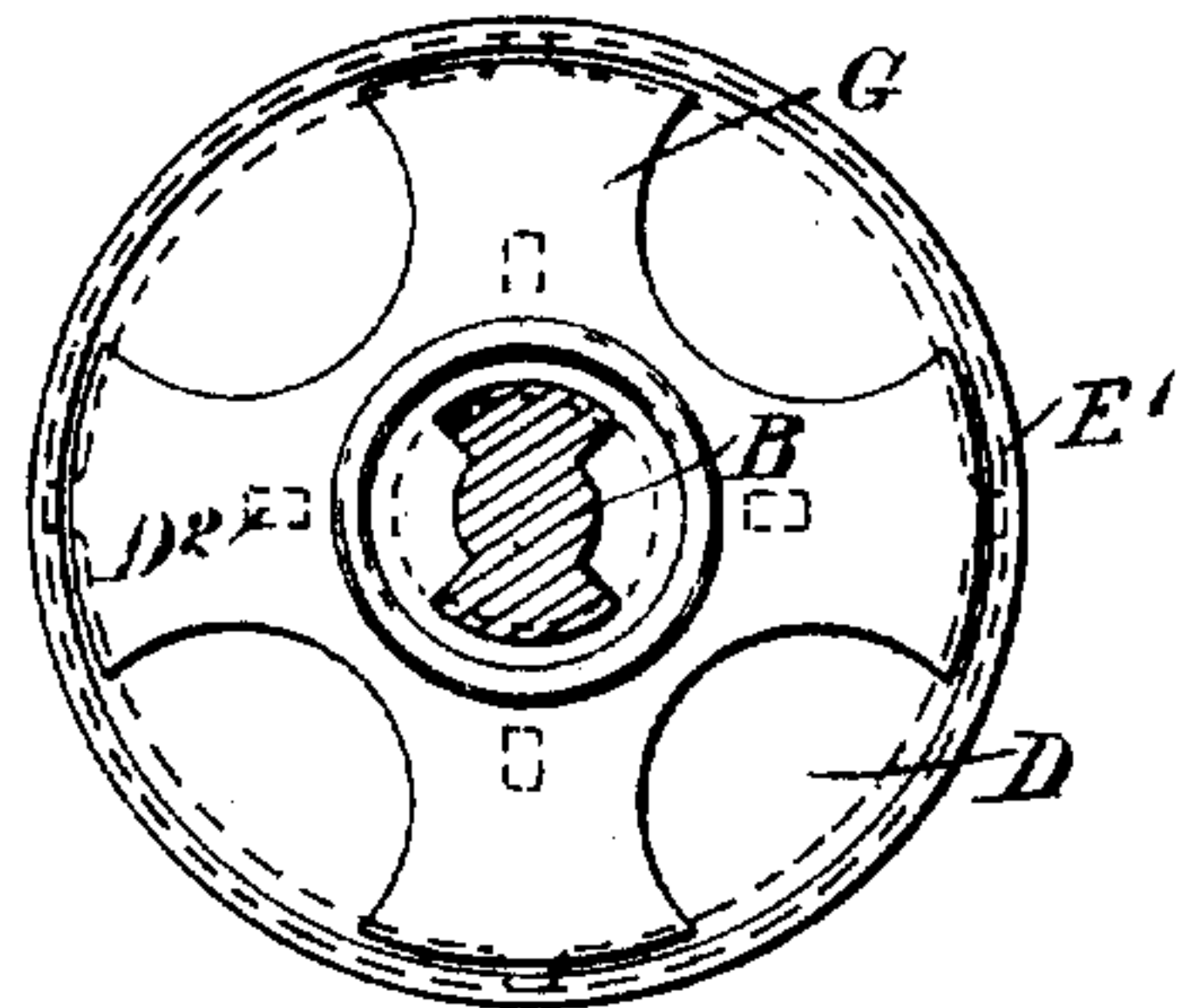


FIG. 3.

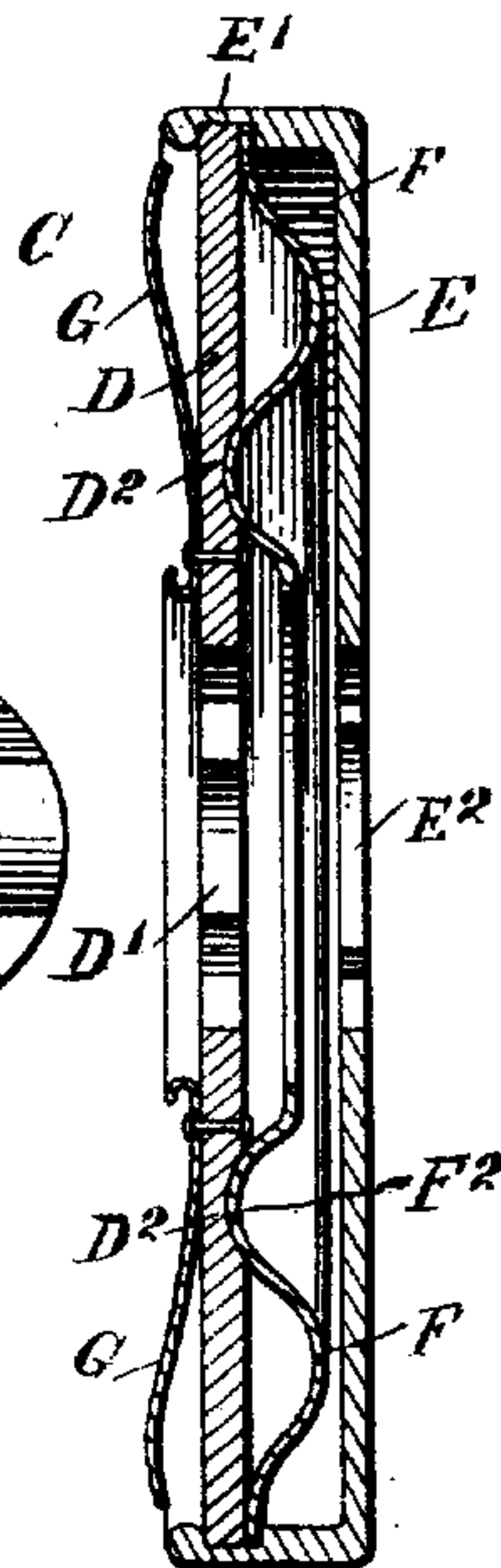


FIG. 4.

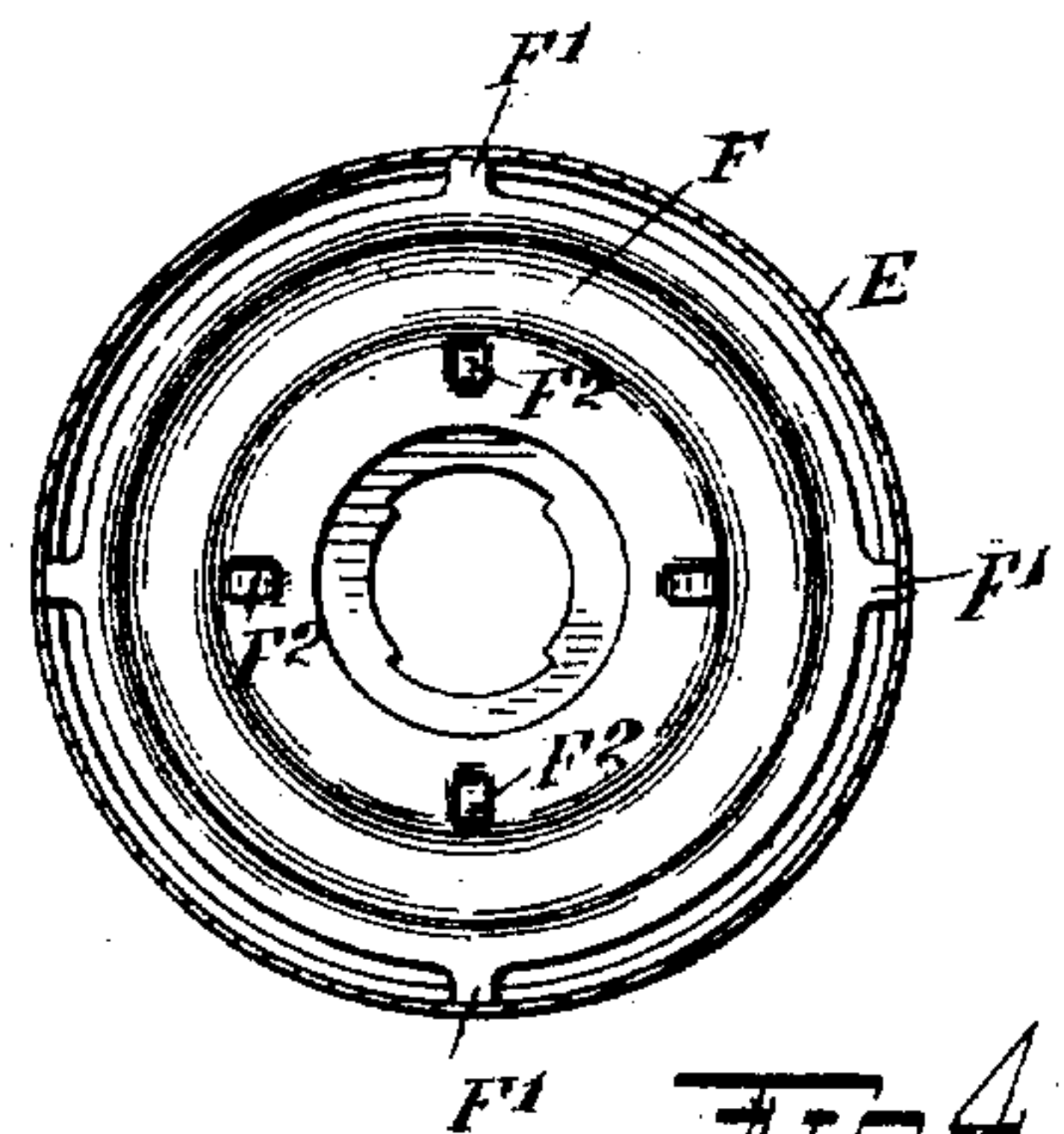
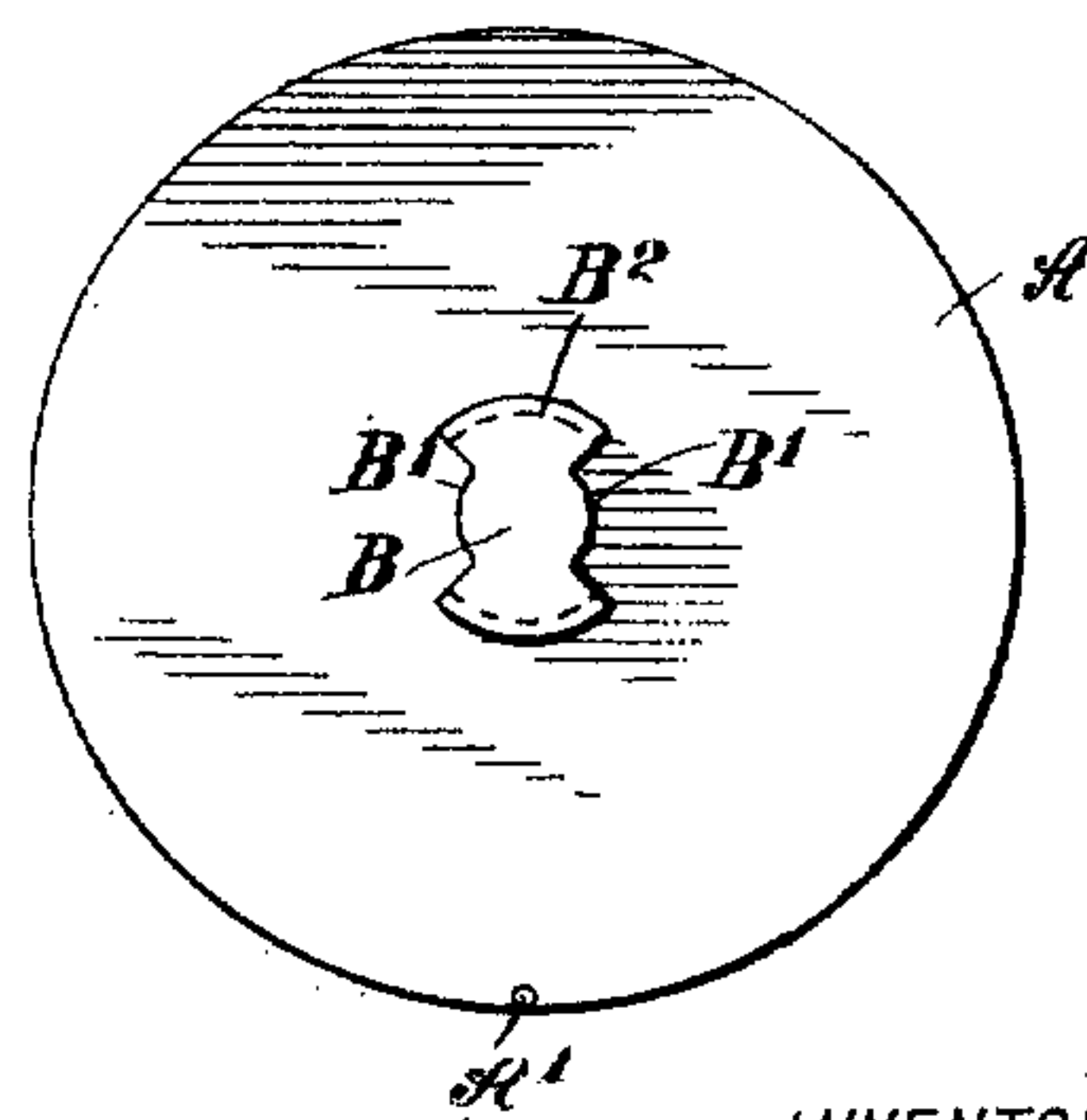


FIG. 5.



WITNESSES  
G. Robert Thomas  
Rev. J. H. Foster

INVENTOR  
Davison S. Haynes  
BY Munn & Co  
ATTORNEYS



# UNITED STATES PATENT OFFICE.

DAVISON S. HAYNES, OF EVANSVILLE, INDIANA.

EMBLEM-FASTENER.

974,059.

Specification of Letters Patent.

Patented Oct. 25, 1910.

Application filed June 19, 1909. Serial No. 503,124.

*To all whom it may concern:*

Be it known that I, DAVISON S. HAYNES, a citizen of the United States, and a resident of Evansville, in the county of Vanderburg and State of Indiana, have invented a new and Improved Emblem-Fastener, of which the following is a full, clear, and exact description.

The invention relates to separable buttons and like devices, and its object is to provide a new and improved fastener, more especially designed for securely, quickly and conveniently fastening emblems, buttons and the like in position in the buttonhole of the lapel of a coat or other garment or to allow of removing the same whenever desired. For the purpose mentioned, the head of the emblem or button is provided with a transversely notched and lengthwise grooved shank, adapted to be engaged by a removable and adjustable retaining device, having means for engaging said notches to hold the retaining device against lengthwise movement on the shank.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a transverse section of the improvement as applied; Fig. 2 is a sectional face view of the improvement, on the line 2—2 of Fig. 1; Fig. 3 is an enlarged cross section of the retaining device and the shank shown in elevation and separate from the retaining device; Fig. 4 is a sectional face view of the retaining device; and Fig. 5 is a rear face view of the head and shank of the emblem or button.

The head A of an emblem, button or like article is provided with a rearwardly-extending integral shank B, on which is removably and adjustably held a retaining device C. The shank B is provided with lengthwise-extending oppositely-disposed grooves B' and with transverse notches B<sup>2</sup>, as plainly indicated in the drawings. The retaining device C is formed of the principal members D and E, between which is interposed a spring F, and on the member D is secured a spring G for taking up lost motion, as hereinafter more fully described. The member D is in the form of a disk or a plate, having a central aperture D' conforming to the cross section of the shank B, so

that when the retaining device C is slipped onto the shank B, the member D is held against turning on the shank B. The member E is in the form of a cup, having its rim E' bent over the peripheral edge of the member D, so as to turn thereon, and the member E is provided with a central aperture E<sup>2</sup>, having its wall formed to engage the notches B<sup>2</sup> on turning the member E on the shank B. The spring F is for the purpose of retaining the members in spaced relation, and is in the form of a corrugated disk, and is provided with outwardly-extending lugs F', engaging the rim E' of the member E, so as to turn with the latter, and the said spring F is also provided with offsets F<sup>2</sup>, adapted to engage spaced notches D<sup>2</sup>, formed in the inner face of the member D. The offsets F<sup>2</sup> and the notches D<sup>2</sup> are preferably four in number, so that when a quarter turn is given to the member E on the member D, then the member E engages or disengages the notches B<sup>2</sup> on the shank B, according to the direction in which the member E is turned, that is, locking or unlocking the retaining device C.

In using the fastener, the shank B is passed through the buttonhole in the lapel H of a coat or other garment, as plainly indicated in Fig. 1, and then the retaining device C is slipped onto the rear projecting end of the shank B until the spring G abuts against the inner face of the lapel H, and then the user gives a quarter turn to the member E, so as to engage a set of notches B<sup>2</sup> on the shank B, to hold the retaining device C against sliding lengthwise on the shank B. Now any lost motion between the member E when engaging a set of notches B<sup>2</sup> is taken up by the spring G pressing against the inner face of the lapel H, so that a firm attachment of the device is had on the lapel H of the coat or other garment. When it is desired to remove the emblem, it is only necessary for the user to give the member E a quarter turn in either direction, so as to disengage the notches B<sup>2</sup>, to allow of slipping the retaining device C off the shank B.

It is understood that by having the member D held against rotation on the shank B and by having the member E rotatable on the shank, it is evident that the retaining device is securely held in place by the member E engaging the notches B<sup>2</sup>, and the



spring F applying sufficient friction to the members D and E, so as to hold the member E against accidental return movement.

In order to prevent the head A from turning, the rear face thereof is preferably provided with a transversely-extending pin A', located at or near the peripheral edge of the head A.

The fastener shown and described is very simple and durable in construction and can be cheaply manufactured.

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

1. A fastener comprising a head having a central shank provided with a plurality of longitudinal series of spaced notches, a retaining device slidable on the shank, said device comprising a plurality of members each of said members having an opening for receiving the shank, and having cut out portions adapted to register with the series of notches when said holder is in certain positions, the members being rotatable with respect to each other whereby to engage the edges of the opening with the notches to hold the retaining device in place.

2. A fastener, comprising a head having an integral shank provided with lengthwise-extending grooves and transverse notches, and a retaining device mounted to slide on the said shank and having a turnable locking member and a non-turnable member, the latter being in the form of a

plate having a central aperture for engagement with the shank, the wall of the aperture having projections extending into the shank grooves to hold the said plate against turning on the shank, the said locking member being in the form of a cup mounted to turn on the said plate and having a central aperture, the wall of which is adapted to engage the said notches on turning the cup, and a spring interposed between the said cup and plate and having projections, the plate having spaced recesses for engagement by the projections on the said spring.

3. A fastener, comprising a head having a shank grooved lengthwise and provided with transverse notches, and a retaining device for slidable engagement with the said shank and having a locking member capable of being turned on the shank to engage and disengage the said notches, and a non-turnable member held against turning on the shank, a spring interposed between the said members, and a spring fixed on the inner face of the said non-turnable member for engaging the article upon which the fastener is to be secured.

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

DAVISON S. HAYNES.

Witnesses:

JOHN FAULKNER,  
LILLIAN LICHTENBERGER.