

(No Model.)

C. A. HUSSEY.
MAGNETIZING BOX FOR HAIR PINS.

No. 559,176.

Patented Apr. 28, 1896.

Fig. 1.

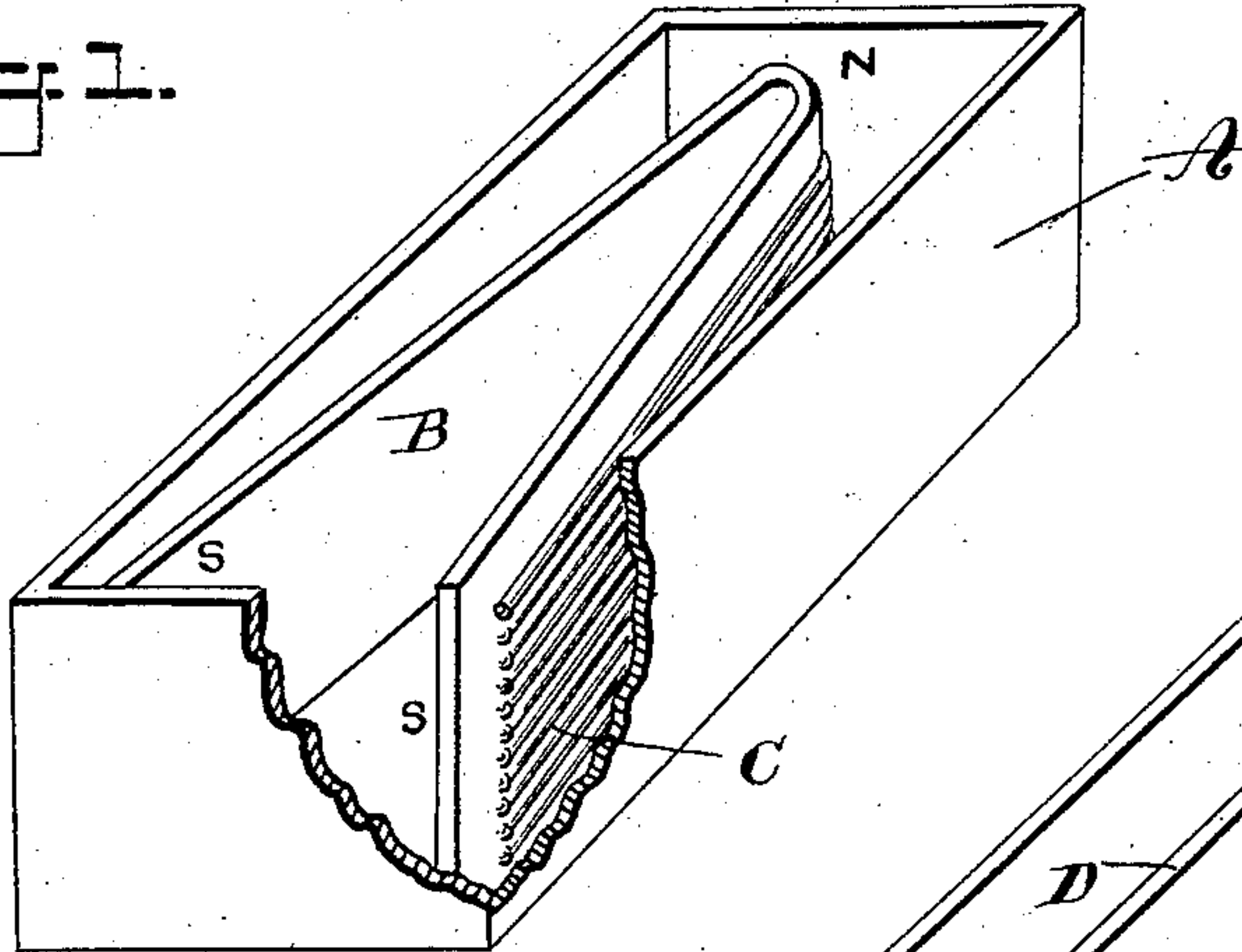


Fig. 2.

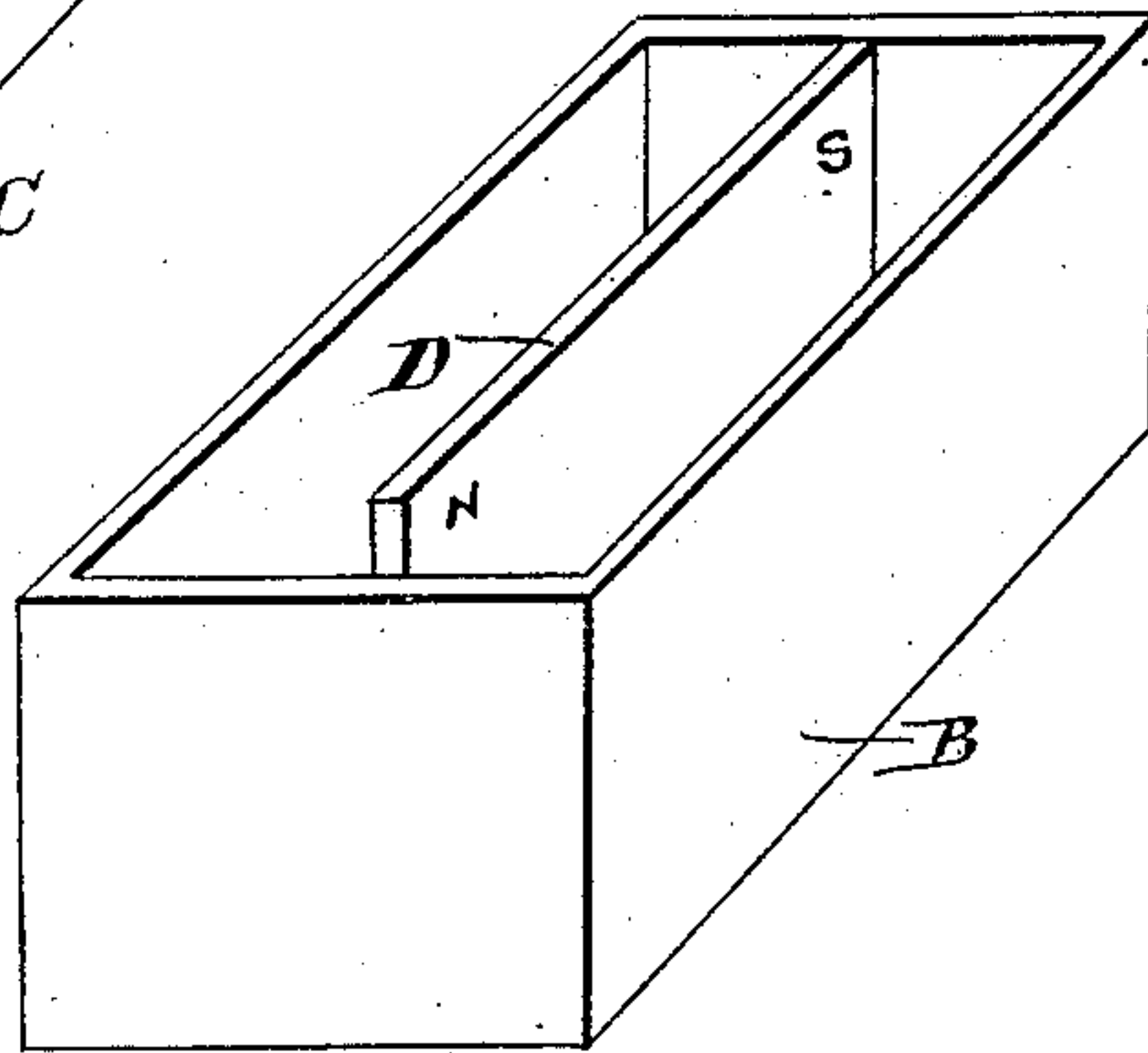
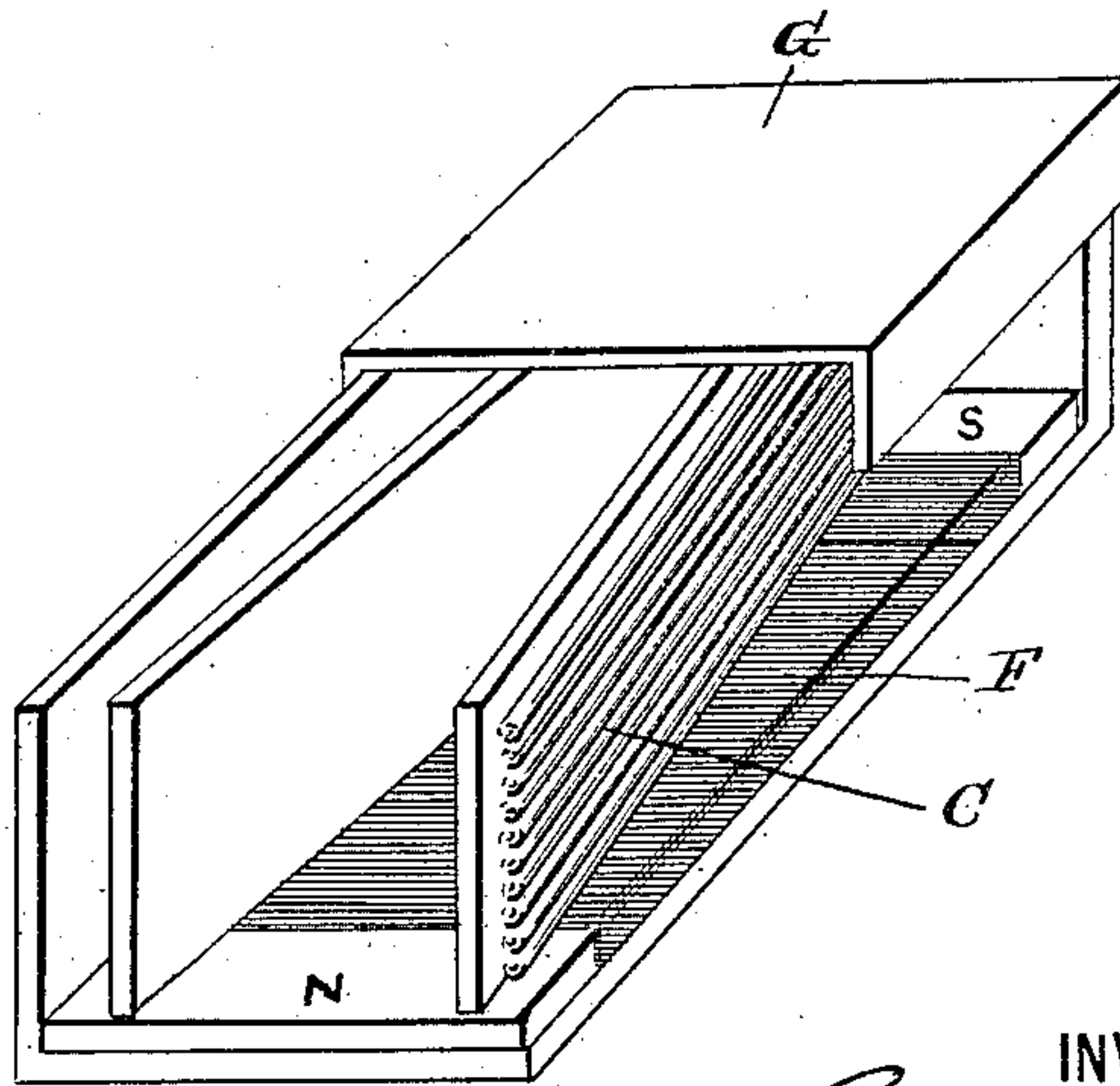


Fig. 3.



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UNITED STATES PATENT OFFICE.

CHARLES A. HUSSEY, OF NEW YORK, N. Y., ASSIGNOR TO THE ELECTRIC
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MAGNETIZING-BOX FOR HAIR-PINS.

SPECIFICATION forming part of Letters Patent No. 559,176, dated April 28, 1896.

Application filed August 22, 1895. Serial No. 560,094. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. HUSSEY, a citizen of the United States, residing at New York, in the county and State of New York, have invented certain new and useful Improvements in Magnetizing-Boxes for Hair-Pins and other Articles, of which the following is a specification.

The object of my invention is to provide a simple and effective device for magnetizing small articles, such as hair-pins, and for restoring or strengthening the magnetism in such articles.

To this end my invention comprises a suitable box, case, or receptacle having a form or support for supporting an article in position to be magnetized, and preferably provided with a cover and having one or more of its parts formed of steel which has been permanently magnetized. The hair-pin or other small article which is to be magnetized or have its magnetism restored or strengthened is placed in the box or receptacle in proper position, and the magnetism of the permanently-magnetized box will be imparted to the article.

In order that my invention may be fully understood, I have shown several forms or embodiments of the same in the accompanying drawings, in which—

Figure 1 is a top perspective view of my improved magnetizing-box, case, or receptacle having a suitable form or support in it of the proper shape to hold hair-pins thereon in position to be magnetized. In this form the permanently-magnetized part is the support or form around which the hair-pins are placed. Fig. 2 is a top perspective view of another form of my improved magnetizing box or receptacle, in which a permanently-magnetized steel strip is fastened centrally and longitudinally in the box. Fig. 3 is a perspective view of a further modification, in which the permanently-magnetized part is the bottom, formed of a steel strip. In this form I also show a cover.

I have shown all of the modified forms of my improved magnetizing box or receptacle adapted to receive and magnetize hair-pins; but it will be observed that the forms of the

boxes and of the supports can be changed and differently arranged to suit other small articles, such changes being clearly within the scope of my invention.

In Fig. 1, A is an oblong box provided with a substantially V-shaped form or support B arranged centrally in the box and fastened to the bottom by mucilage, cement, or other suitable means. The box A is made of any suitable material, such as pasteboard or wood. The form or support B in the form shown in Fig. 1 is formed of a steel strip bent to the desired shape and permanently magnetized. The form or support may be magnetized so that the north pole of the magnet will be at the bend and the south pole at the end of both legs, or, if preferred, the bend may be the neutral point and the two poles at the ends of the two legs. I have shown a number of hair-pins C stacked upon the support B in proper position to be magnetized thereby.

In Fig. 2 the box B has a straight steel strip D, secured centrally and longitudinally in it and attached to one end and the bottom of the box in any suitable manner. One end of the strip D is free or a small space away from the opposite end of the box, in order that articles, such as hair-pins, can be placed in the box astride the strip, the bent portion of the hair-pins resting at the free end of the strip.

In Fig. 3 I have shown the magnetic portion of the box in the shape of a small steel sheet or plate F, placed in the bottom of the box and having the poles of the magnet at its opposite ends. In this form a V-shaped form or support, formed preferably of pasteboard, may be secured in the box to the bottom in any suitable manner. If preferred, the magnetic plate F can be covered with paper, except at its ends, this being indicated by the shading. G is a cover of any suitable form, adapted to inclose the contents of the magnetizing-box. If desired, the cover G may be provided with a magnetized steel plate of any suitable size or shape to cooperate with the other magnetized portion of the box, or, if preferred, the magnetized portion of the box may be in the cover alone. Likewise the sides of the box may constitute a magnet.

prefer to appropriately mark the magnetic poles of the case or form or cover, or all, either by differently coloring or by applying some other distinguishing characteristic, so that
5 articles to be magnetized may be placed in the containing case or box in the proper position and with proper relation to their magnetic properties.

If preferred, the box or receptacle and cover
10 may be struck up out of a single piece of sheet metal and be properly magnetized.

I have shown and described a large number of different embodiments of my invention, all of which I consider to be within the scope
15 thereof, which consists, essentially, of a suitable containing box, case, or receptacle having an article-supporting form and one or more permanently-magnetized parts and adapted to impart, restore, or strengthen magnetism in
20 an article.

Having thus described my invention, what

I claim, and desire to secure by Letters Patent, is—

1. A containing case, box or receptacle having a form or support for supporting an article to be magnetized, and a magnetized metallic part adapted to magnetize an article supported in the box upon the form, substantially as set forth. 25

2. A hair-pin box or receptacle having a form for supporting the hair-pins and a magnetized metallic part adapted to magnetize the hair-pins, substantially as set forth. 30

3. A hair-pin box or receptacle having a metallic magnetized form attached or supported therein and adapted to support hair-pins in the box and impart its magnetism to them, substantially as set forth. 35

CHAS. A. HUSSEY.

Witnesses:

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