

(No Model.)

H. C. SEELY.

CARBON PAPER ATTACHMENT FOR RECEIPT OR NOTE BOOKS.

No. 401,382.

Patented Apr. 16, 1889.

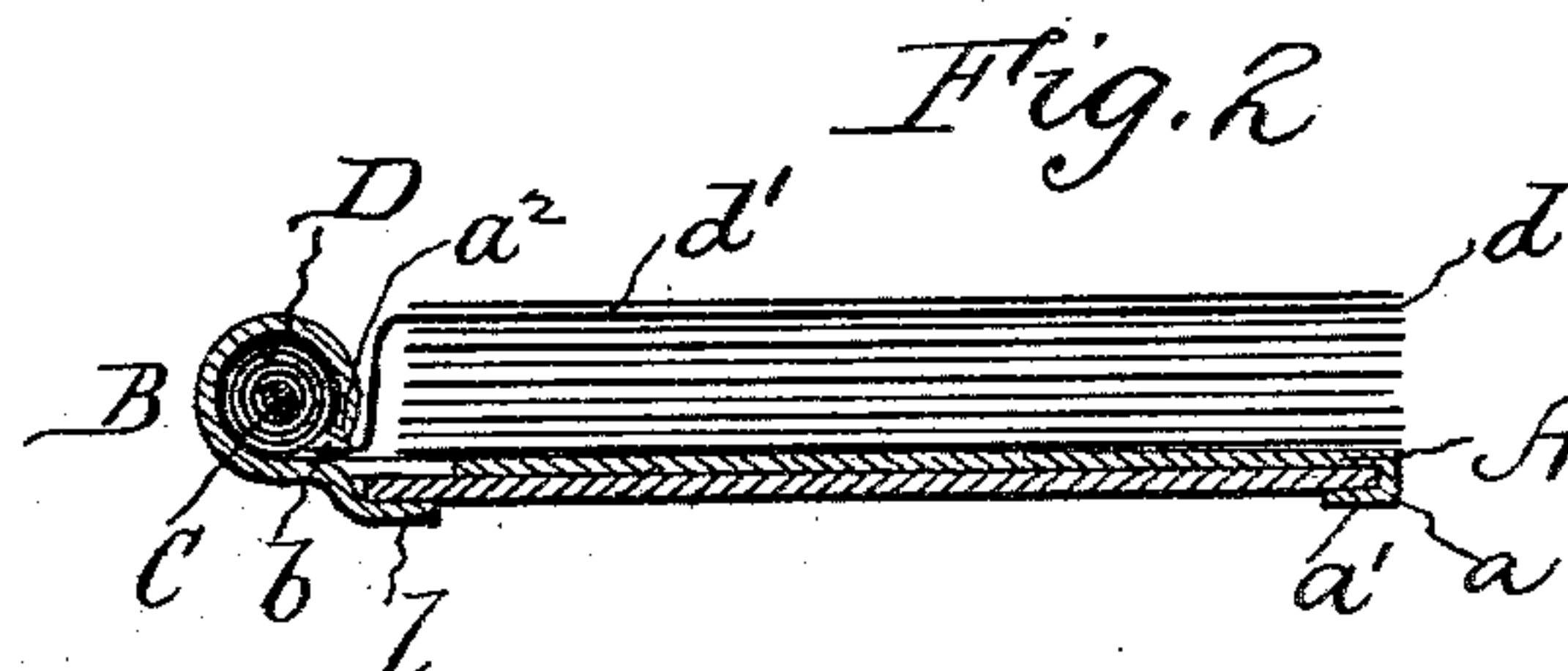
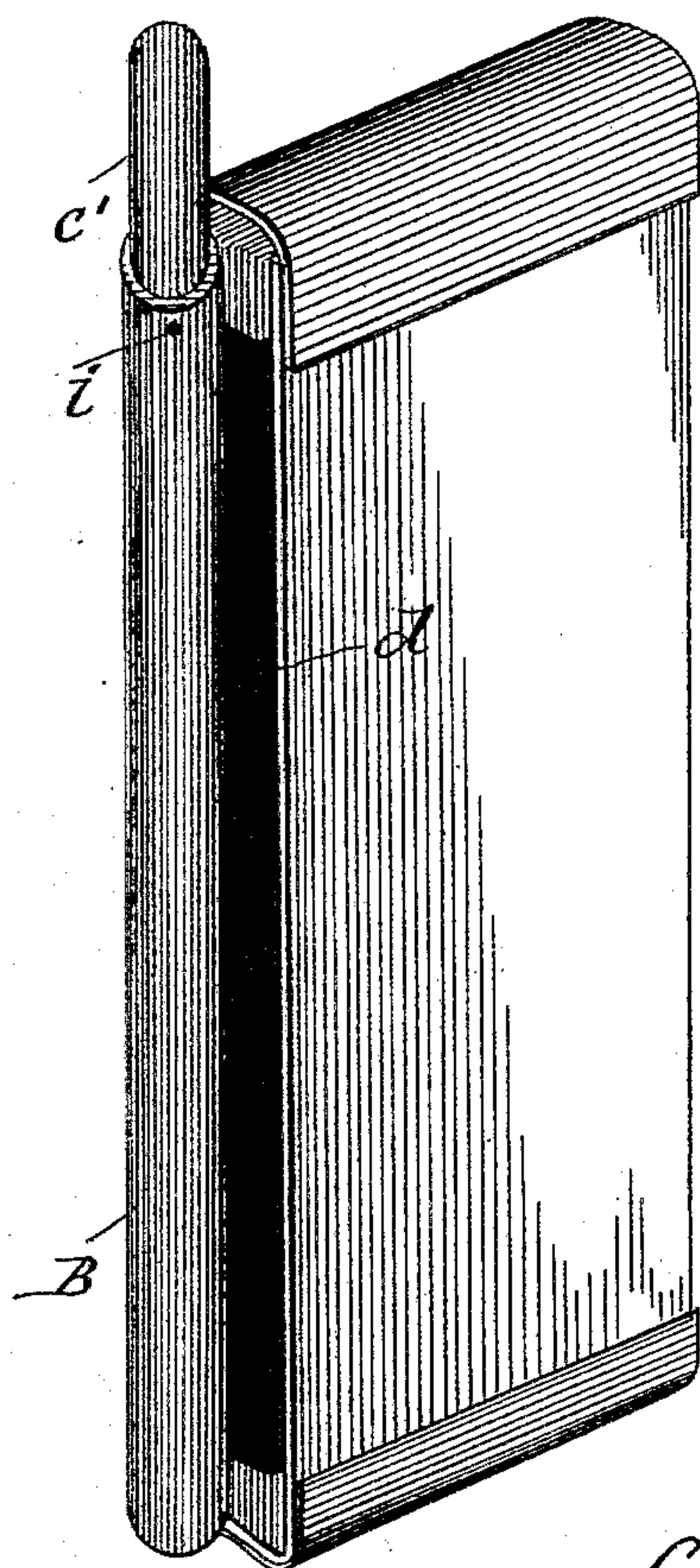
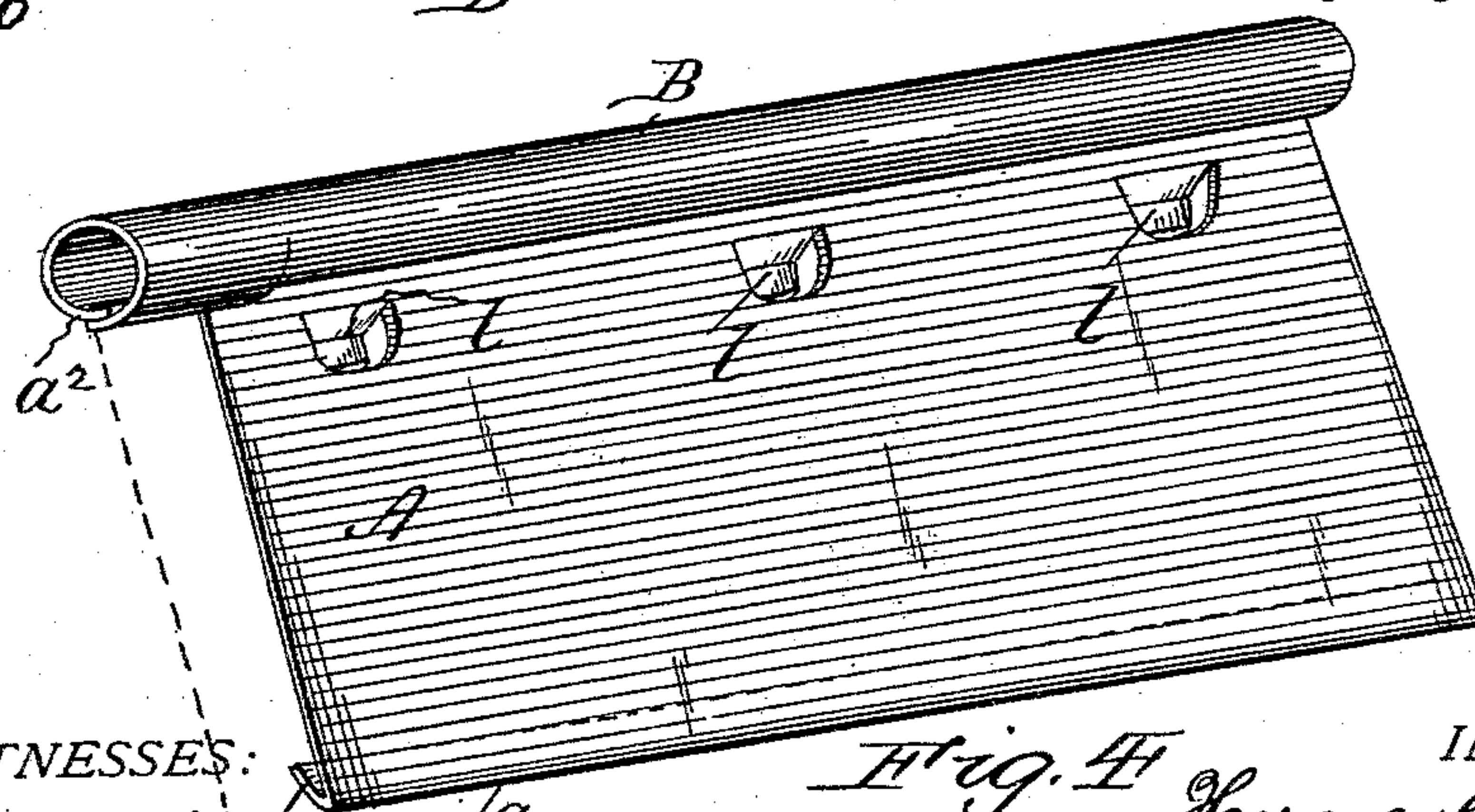
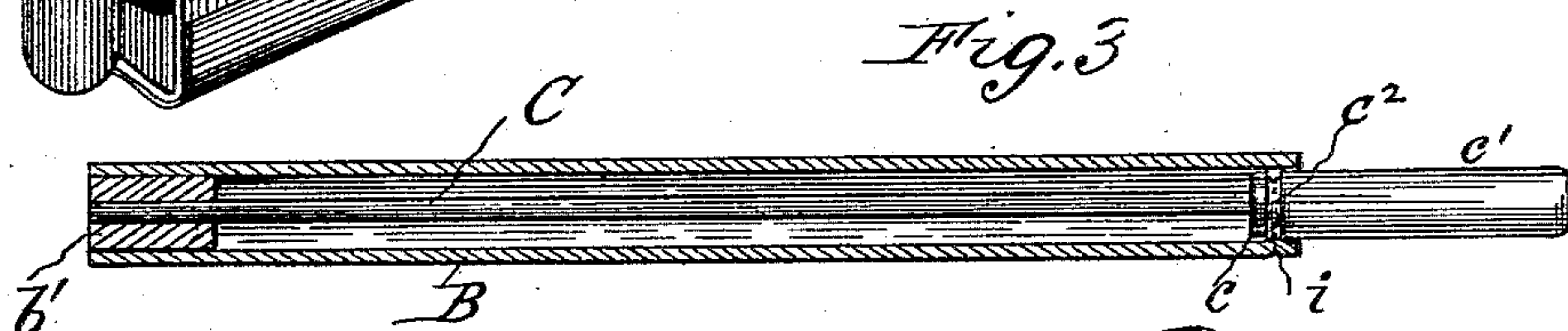


Fig. 1



WITNESSES:

*Wm. B. Byington*  
*Edw. R. Miller*

Fig. 4

INVENTOR,  
Horace C. Seely.

By *S. J. Van Stavern*  
ATTORNEY.



# UNITED STATES PATENT OFFICE.

HORACE C. SEELY, OF PHILADELPHIA, PENNSYLVANIA.

## CARBON-PAPER ATTACHMENT FOR RECEIPT OR NOTE BOOKS.

SPECIFICATION forming part of Letters Patent No. 401,382, dated April 16, 1889.

Application filed November 7, 1887. Serial No. 254,556. (No model.)

*To all whom it may concern:*

Be it known that I, HORACE C. SEELY, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Carbon-Paper Attachments for Receipt and Note Books, of which the following is a specification.

My invention has relation to books, blocks, or pads of paper or like other articles in which a sheet of carbon-paper is used for obtaining a copy or duplicate of any matter written or marked upon the leaves of the book or pad.

Heretofore in some cases a loose sheet of carbon-paper cut to the size of the book or pad would be employed, and when worn out would be thrown away and replaced by a new sheet. The objections to the use of the loose sheet are that it is apt to fall out of the book or pad and be mislaid or lost; that it wears out only in parts or in lines, and as the carbon-sheet is cut to the size of the book or pad it cannot be turned or moved about to any advantage to bring the unworn parts into use without a portion of the sheet projecting beyond the edge or edges of the book or pad, which is objectionable, and that loose sheets of carbon must be kept at hand or carried about by the individual using the book for replacing the worn-out sheets.

In other cases a roll of carbon-paper mounted on a frame having clamping-edges and a cutter for the book or pad leaves placed upon a spring-actuated follower or support are used, the objections to which are that they are unduly expensive, and their bulk and weight preclude carrying them in the pockets of the individual using them.

My invention has for its object to avoid all of the above objections, and to this end I provide an inexpensive carbon-paper attachment for paper books or pads which does not materially increase the weight or bulk of the same, so that they can conveniently be carried in the pockets of the person using them.

My invention accordingly consists of a metal or other plate having at one end a slotted cylinder or casing containing a roll of carbon-paper, which passes through the slot in said cylinder to be between the leaves of

the book or pad, said plate, casing, and roll of carbon-paper being constructed so as to be attachable to and detachable from the book or pad.

My invention further consists in the combinations, constructions, and arrangements of parts, as hereinafter described and claimed.

Reference being had to the accompanying drawings, forming a part hereof, Figure 1 represents a perspective of a receipt book or pad and carbon-paper attachment embodying my improvements; Fig. 2, a transverse section of same; Fig. 3, a longitudinal section through the cylindrical casing for the carbon-paper roll, showing in elevation the shaft for the carbon-paper roll; and Fig. 4, a perspective of the plate and slotted cylinder.

A represents a plate of metal or other suitable material having one of its side edges, *a*, preferably bent to form a clip or lip, *a'*, and its opposite side edge, *a''*, coiled or formed into a cylinder, B, which is so formed that a slot, *b*, is left between the edge *a''* and the plate A, said slot being more plainly shown in Fig. 2.

If desired, the ends of the cylinder and plate A may be flush or as indicated by dotted and full lines, Fig. 4, or one end of the plates, preferably that end which is to be placed near to the back of a book, may be cut away, as indicated in full lines of Fig. 4, for convenience of manipulation of the carbon-paper in using the same.

In one end of the cylinder B is affixed a bearing, *b'*, for one end of a roller or shaft, C, which has at its opposite end a collar or bearing, *c*, rotating with the roller, and an outside turning-handle, *c'*. In the periphery of collar *c* is a groove, *c''*, for the reception of pins or nicks, *d*, projecting from the bore of the cylinder to swivel or retain the roller C within said cylinder and admit of its rotation therein. These nicks or pins may be flexible, or the connection between them and the grooved collar may have more or less loose play, so that while the roller is prevented from falling out of the cylinder, yet it may be readily forcibly withdrawn therefrom. The carbon-roll D is wound up on the roller or mounted thereon in any suitable way.

Adjacent to the cylinder B in plate A are clips *l*, which are struck out from said plate,



and these clips *l* and lip *a'* are used to clamp the plate to one of the book sides or to the pad, as shown in Fig. 2, and, as the plate A, with its clips, is made of flexible metal, the plate is attachable to and detachable from the book or pad side.

The manner of using the attachment when secured to a book or pad is obvious. The free end *d* of the carbon-roll D is passed through cylinder-slot *b* and is then unrolled by turning the handle *c'* of shaft C until a suitable length, *d'*, is obtained for insertion between the leaves of the book, as shown in Fig. 1, which is used in the usual manner. When parts of the sheet of carbon *d'* become worn, a slight movement, more or less, of the roller C presents fresh surfaces thereon for use, and at the same time its free edge or end *d* is trimmed, so that it will not project beyond the leaves of the book or pad. When the roll of carbon-paper is exhausted, a new or fresh roll is substituted, and as it is confined in the closed cylinder it does not deteriorate or become dry, and the sheet *d'* in use cannot drop out of the book nor be mislaid.

It is perfectly obvious that the attachment herein described may be either permanently attached to the book or be loosely placed between one of the sides of the books and the leaves, in which case the clips *l* and *a'* are

dispensed with. I therefore do not limit myself to the details of construction shown.

What I claim is—

1. In combination with a book or pad, the attachable and detachable plate A, having fastening-clips, a cylinder, B, a roller, C, having handle *c'*, mounted on said cylinder, and a roll of carbonized paper on said roller, substantially as set forth.

2. A plate, A, having fastening-clips *a' l*, slotted cylinder B, a roller, C, having handle *c'*, mounted on said cylinder, and a roll of carbonized paper on said roller, substantially as set forth.

3. A plate, A, having integral fastening-clips *a' l* and slotted cylinder B', and roller C, having handle *c'*, mounted on said cylinder, substantially as set forth.

4. A plate, A, having fastening-clips *a' l*, slotted cylinder B, one end of which projects beyond the adjacent end of said plate, and roller C, having handle *c'*, mounted on said cylinder, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

HORACE C. SEELY.

Witnesses:

S. J. VAN STAVOREN,  
CHAS. F. VAN HORN.