

(No Model.)

2 Sheets—Sheet 1

C. MCGREW.

CARD HOLDING ATTACHMENT FOR TYPE WRITING MACHINES.

No. 452,547.

Patented May 19, 1891.

Fig. 1.

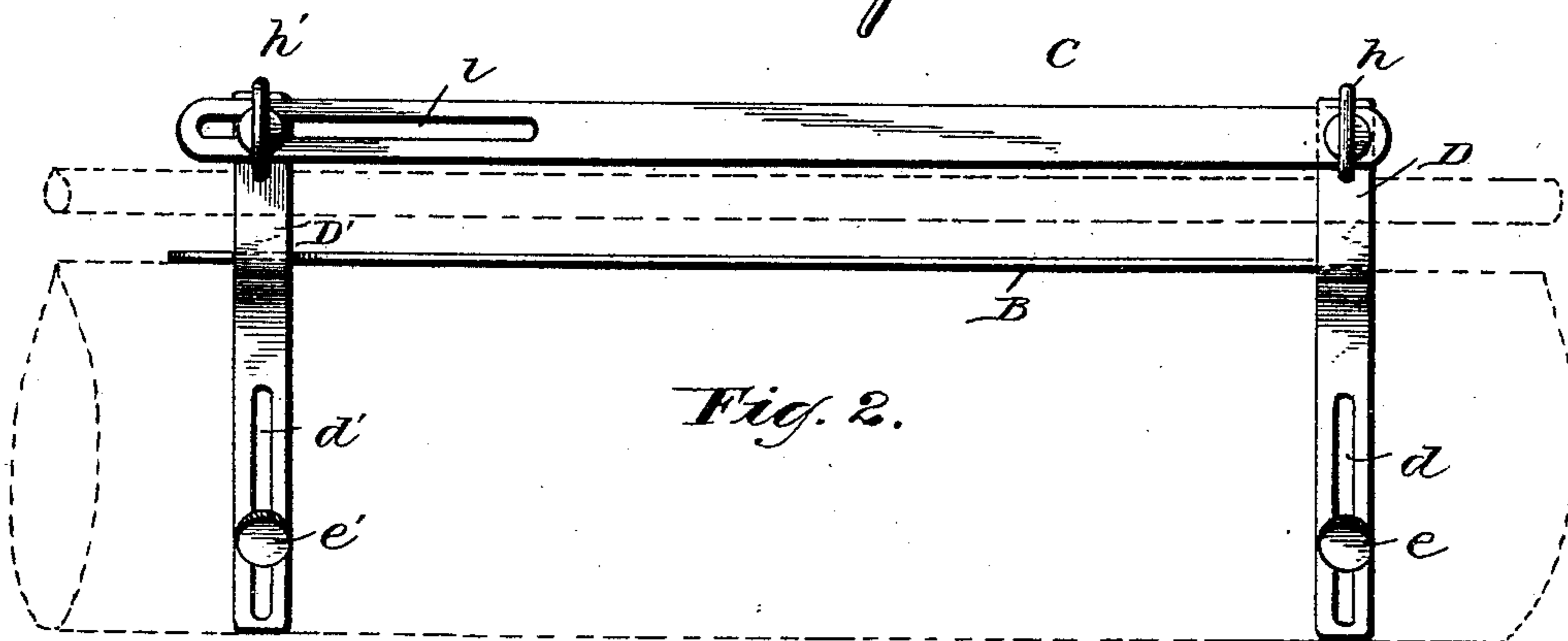
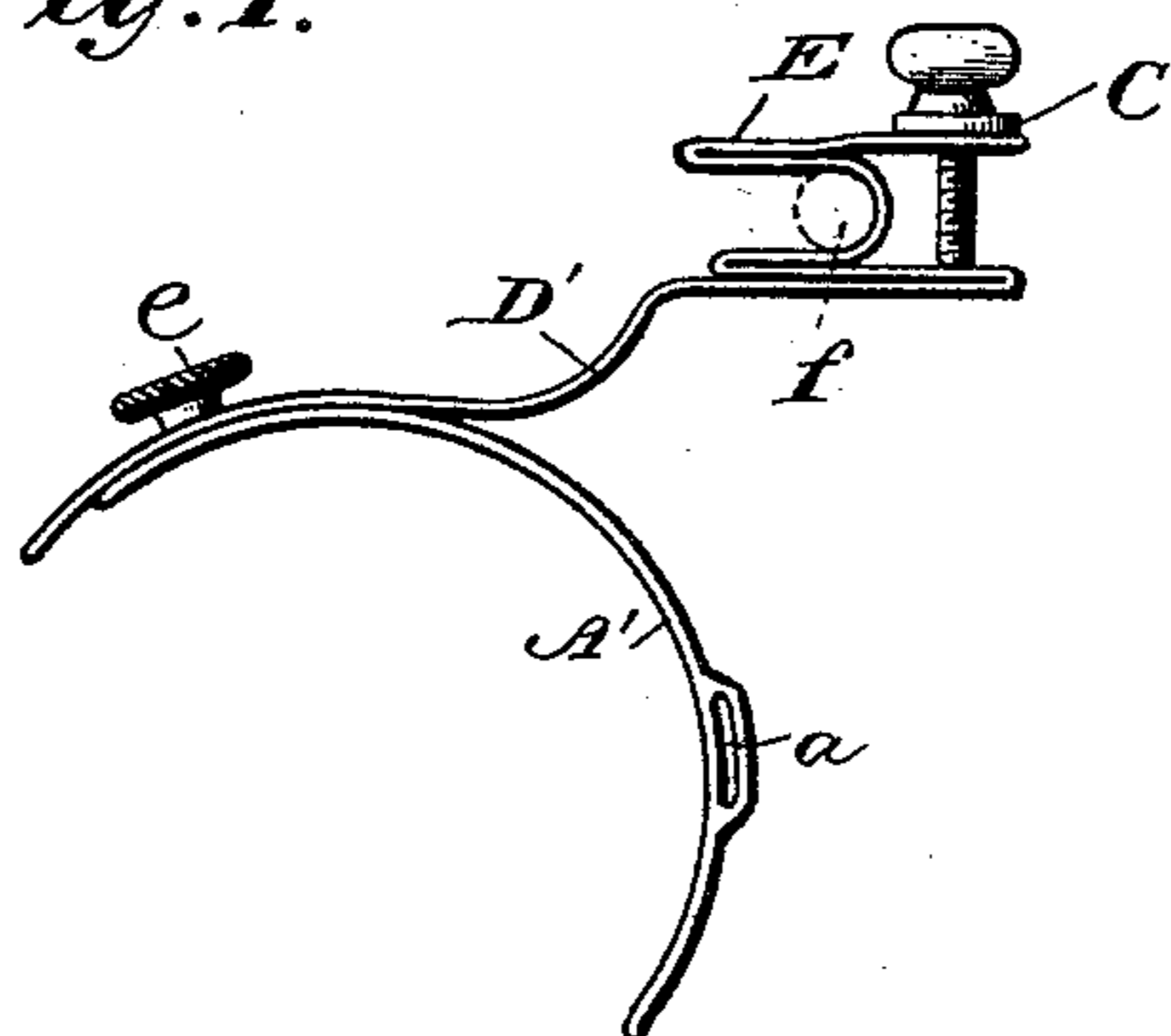


Fig. 2.

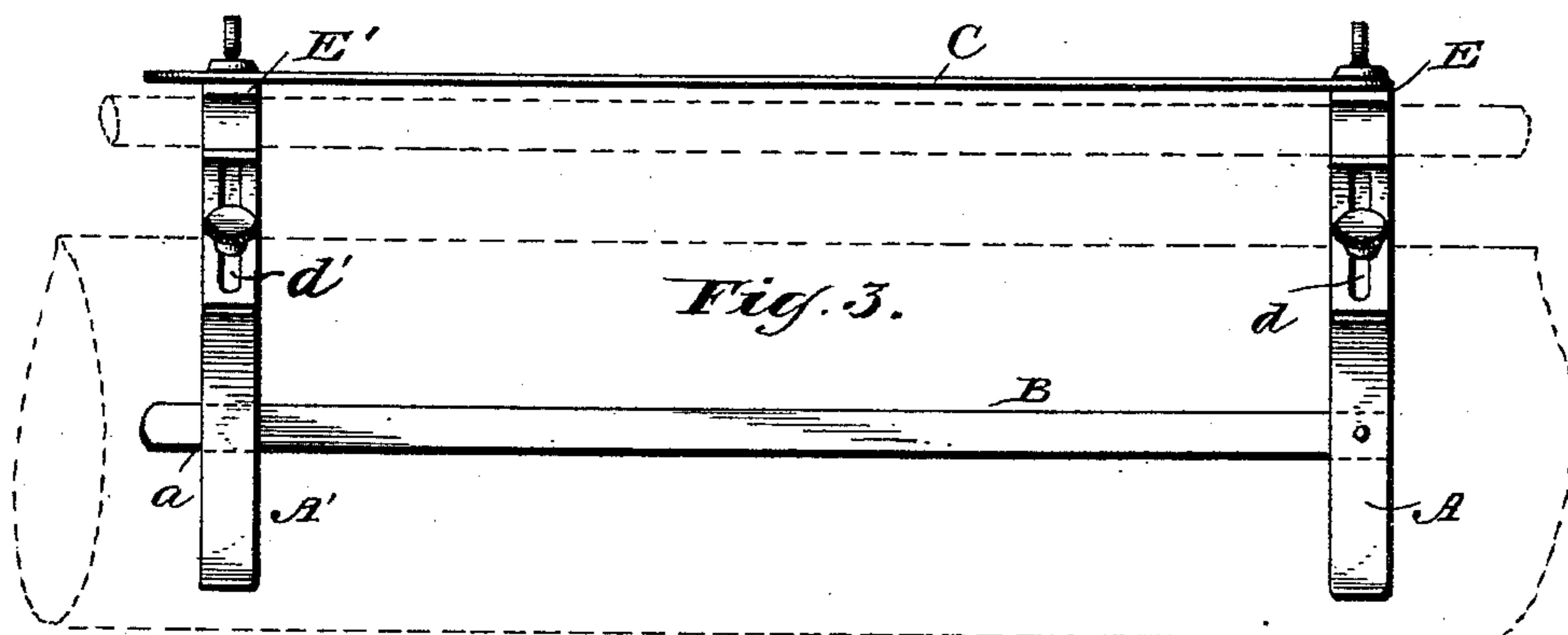


Fig. 3.

Witnesses.

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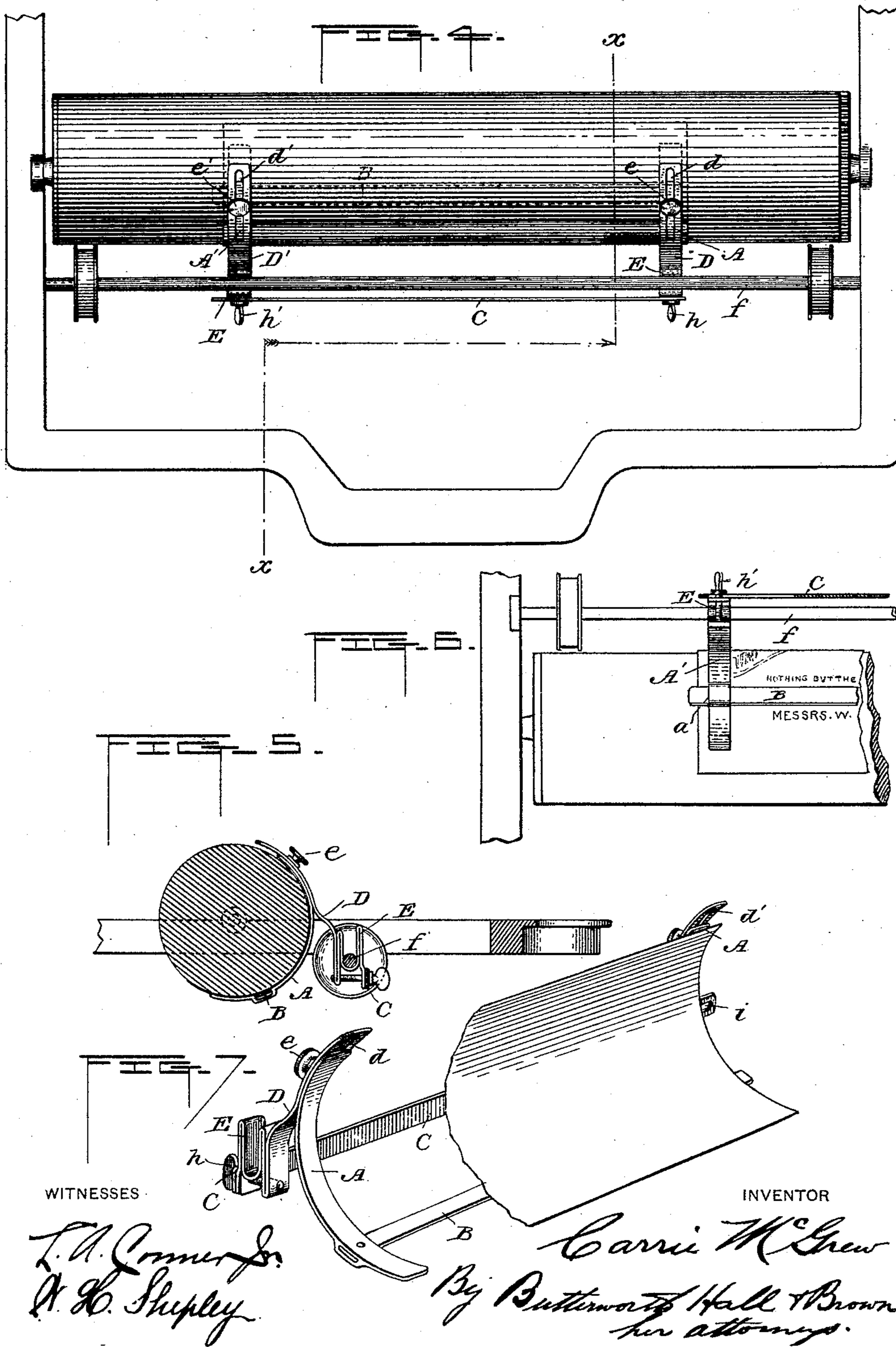
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2 Sheets—Sheet 2.

CARD HOLDING ATTACHMENT FOR TYPE WRITING MACHINES.

Patented May 19, 1891.



UNITED STATES PATENT OFFICE.

CARRIE MCGREW, OF CINCINNATI, OHIO.

CARD-HOLDING ATTACHMENT FOR TYPE-WRITING MACHINES.

SPECIFICATION forming part of Letters Patent No. 452,547, dated May 19, 1891.

Application filed December 27, 1890. Serial No. 375,943. (No model.)

To all whom it may concern:

Be it known that I, CARRIE MCGREW, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Card-Holding Attachments for Type-Writing Machines; 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.

My invention relates to improvements in card-writing attachments to type-writing machines; and the object of the invention is to provide an improved card holding and adjusting device which is adapted to be detachably connected to any ordinary type-writer of the type known as the "Remington," "Caligraph," "Smith Premier," "Standard," and "Crandell," or other similar machines, for the purpose of holding cards of any size in proper alignment upon the paper-carrying roll of the machine, so that the entire card may be filled with writing, except a small margin at the top, bottom, and sides thereof, and so that the writing thereon may be perfectly distinct without being disfigured or blurred, as is usually the case with card-writing in common practice without the aid of such an attachment as that herein described.

The invention is specially designed for use in type-writing upon postal or other similar cards; but of course it is equally well adapted to be used for other similar purposes—as, for instance, in writing upon ordinary visiting-cards or paper cut in small sizes.

With these ends in view my invention consists in an improved card-holding attachment constructed substantially as herein-after described, and particularly pointed out in the claims at the end of this specification.

In the accompanying drawings, forming a part of this specification, Figure 1 is an end view of the attachment. Fig. 2 is a plan view thereof, illustrating the application of the device to a Remington type-writer, the paper-carrying roll of the type-writer being shown in dotted lines, and the parts represented as they appear with the roll or carriage raised; Fig. 3, a view taken from the rear of the machine, with the parts in the position shown in Fig. 2. Fig. 4 is a plan showing the attach-

ment in position upon the paper-carrying roll, with the carriage lowered to its operative position; Fig. 5, a sectional view taken on line *xx* of Fig. 4. Fig. 6 is a bottom view with part broken away. Fig. 7 is a perspective view of the attachment detached from the machine.

Like letters of reference are used to designate similar parts in each of the several views.

The card-holding attachment is preferably composed of two curved laterally-adjustable end plates *A A'*, which are connected together by a plate or bar *B*, which extends substantially the entire length of the paper-carrying roll, the curvature of said plates *A A'* being made to correspond to the periphery of the paper-carrying roll, so as to press the ends of the card against the face of the roll sufficiently tight to prevent the ends thereof from being shifted or displaced when the same is being written upon, while the bar *B* presses against the card its entire length and holds the same against the face of the rolls, whereby vertical and lateral movement of the card is prevented. In order to permit the plates *A A'* to be adjusted to suit cards of different lengths, one end of the bar *B* is firmly secured to the plate *A*, while the opposite end of said bar is passed through a slot *a* at the back of the plate *A'*, so that the plate *A'* may be slid back and forth upon the bar, and an adjusting-bar *C* is connected to the plates *A A'* by means of spring supporting arms or plates *D D'*, which are connected to the respective ends of said adjusting-bar, and which have their forward ends curved and slotted, as shown at *d d'*, to receive set-screws *e e'*, by which they are secured to the plates *A A'*. By means of the adjusting-bar *C* and the sliding connection between the plate *A'* and bar *B* the plates *A* and *A'* may be adjusted laterally, so as to vary the distances between said plates to accommodate the same to cards of different lengths apart, while the slotted connections between the plates *A A'* and the spring plates or arms *D D'* permit the plates *A A'* to be adjusted to different positions across the periphery of the paper-carrying roll, so as to adapt the device to different uses and different-sized cards, according to the requirements of the use to which it is to be put. The spring-arms *D D'* also provide a yielding

connection between the card-holding plates A A' B and the fixed portion of the type-writer - carriage to which the device is adapted to be attached, so as to allow the
5 card-holding plates to exert a yielding pressure upon the card which is placed upon the paper-carrying roll, and thereby not interfere with the usual operation of the feed mechanism.

10 The device thus constructed, with its supporting-arms, may be attached to the type-writer carriage in any proper manner; but I preferably construct the supporting-arms D D' each of a piece of spring metal having its
15 rear ends bent to form U-shaped spring-clamps E E', which are adapted to be slipped upon the rod *f*, which is located upon the carriage in front of the paper-carrying roll, and to be adjustably and removably clamped
20 upon said rod by means of set-screws *h h'*, whereby the card-holding device is adapted to be readily and quickly attached to or removed from the type-writer at will without the necessity of disconnecting any of the
25 parts. The bar C is also slotted at *i* to permit of the lateral adjustment of the plates A A', as above described.

It is obvious that the arrangement and construction of parts herein described and shown
30 may be modified in a number of ways which will readily suggest themselves to a skilled mechanic without departing from the spirit of my invention, and hence I do not desire to be limited to the exact construction shown
35 and described herein; but

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

1. A card-holding attachment for type-writers, comprising two laterally-adjustable
40 plates embracing the paper-carrying roll, a card-holding bar connecting the said plates, and means for attaching the same to a type-writer, substantially as described.

2. A card-holding attachment for type-writers, comprising two laterally-adjustable
45 curved plates adapted to embrace the paper-carrying roll, a cross-bar adjustably connecting said plates, an adjusting-bar for securing the plates and cross-bar in different positions,
50 and means for connecting and removably se-

curing the device to a type-writer, substantially as described.

3. In a card-holding attachment for type-writers, the combination of the laterally-adjustable plates, the cross-bar connecting the
55 same, the supporting-arms, the adjusting-bar connecting said supporting-arms, and the clamps for removably securing the attachment to a type-writer, substantially as described and shown. 60

4. In a card-holding attachment for type-writers, the combination of the laterally-adjustable plates, the cross-bar connecting the same, the slotted spring supporting-arms, the
65 adjusting-bar connecting said supporting-arms, and the clamps for removably securing the attachment to a type-writer, substantially as described.

5. In a card-holding attachment for type-writers, the combination of the laterally-adjustable plates, the cross-bar connecting the same, the spring-shaped supporting-arms, the
70 adjusting-bar connecting said supporting-arms, and the spring-clamps for removably securing the attachment to a type-writer, substantially as described. 75

6. In a card-holding attachment for type-writers, the combination of the curved laterally-adjustable card-holding plates, the card-holding cross-bar adjustably connecting said
80 plates, the slotted spring supporting-arms adjustably attached to said plates, and the U-shaped spring-clamps for attaching said arms to the type-writer carriage, substantially as shown and described. 85

7. In a card-holding attachment for type-writers, the combination of the laterally-adjustable card-holding plates, the cross-bar connecting the same, the spring supporting-arms adjustably connected to said plates and
90 having the U-shaped spring-clamps at the rear ends thereof, and the slotted adjusting-bar connecting said supporting-arms, substantially as described.

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

CARRIE MCGREW.

Witnesses:

JOHN GALVIN,
HENRY MEYER.