

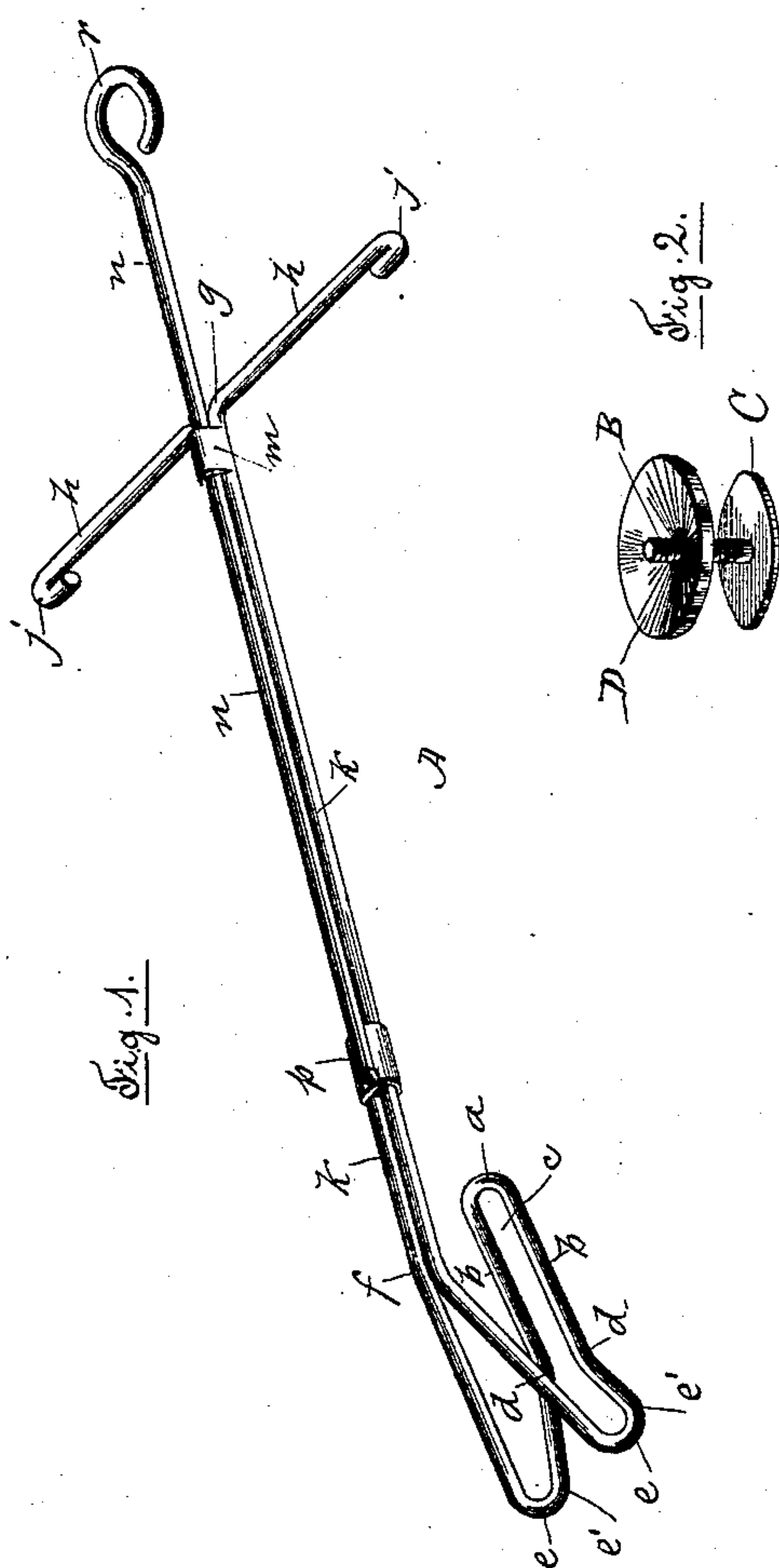
(No Model.)

2 Sheets—Sheet 1.

H. W. FIELD & H. A. FOWLER.  
ADJUSTABLE STUB HOLDER.

No. 444,429.

Patented Jan. 13, 1891.



Witnesses

Chas. F. Schmelz,

H. W. Fowler

Inventors

Herbert W. Field,

Henry A. Fowler,

By their Attorney

Rufus B. Fowler

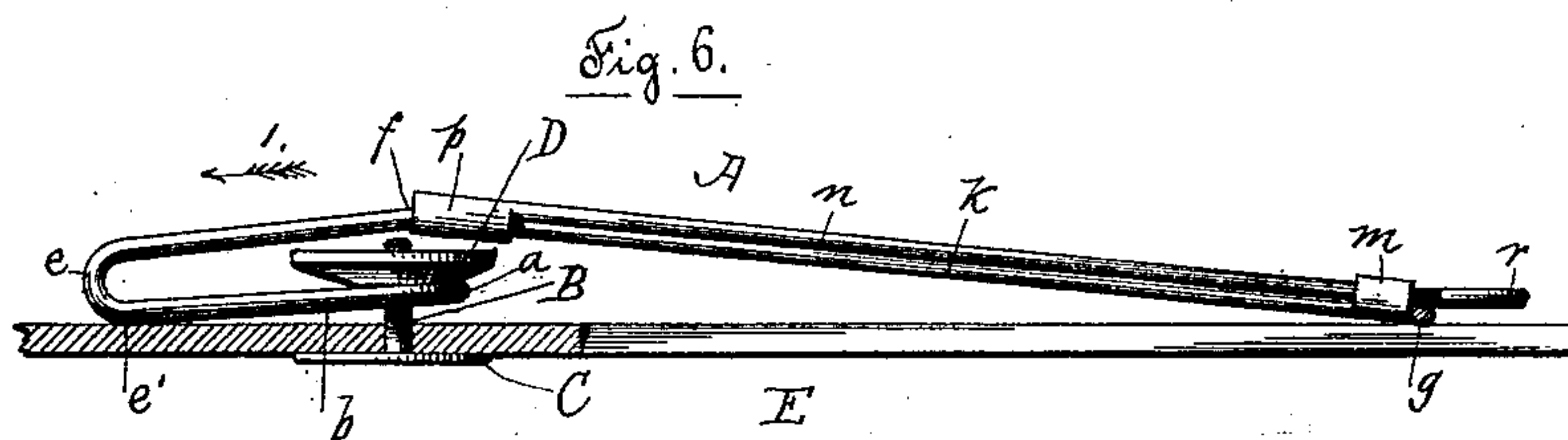
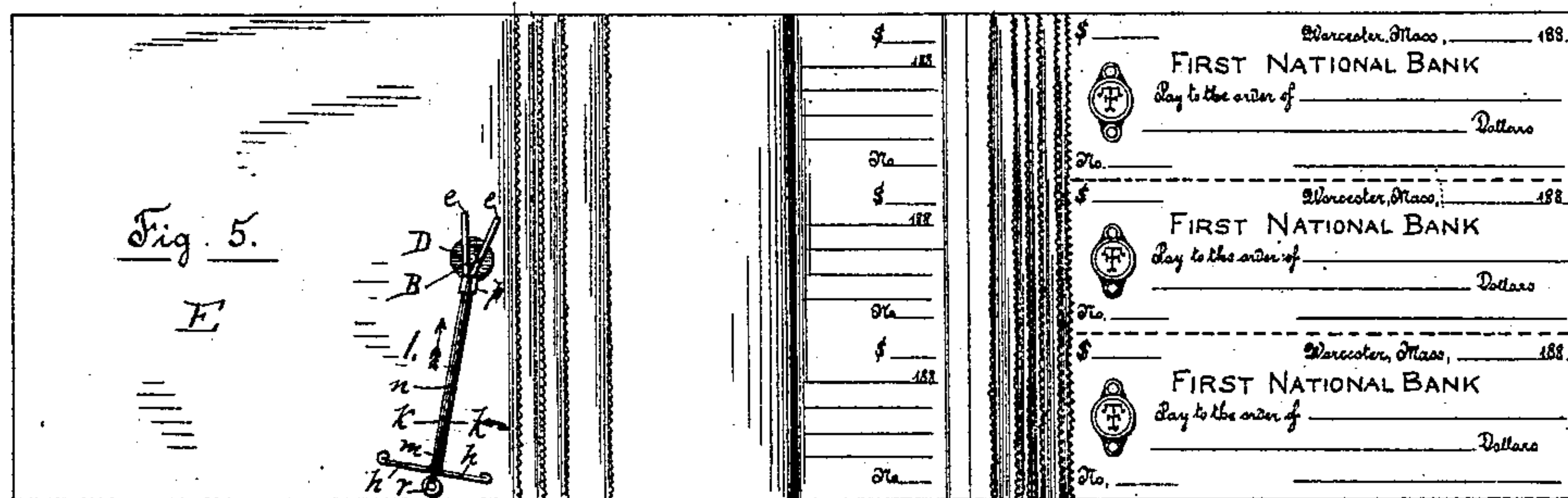
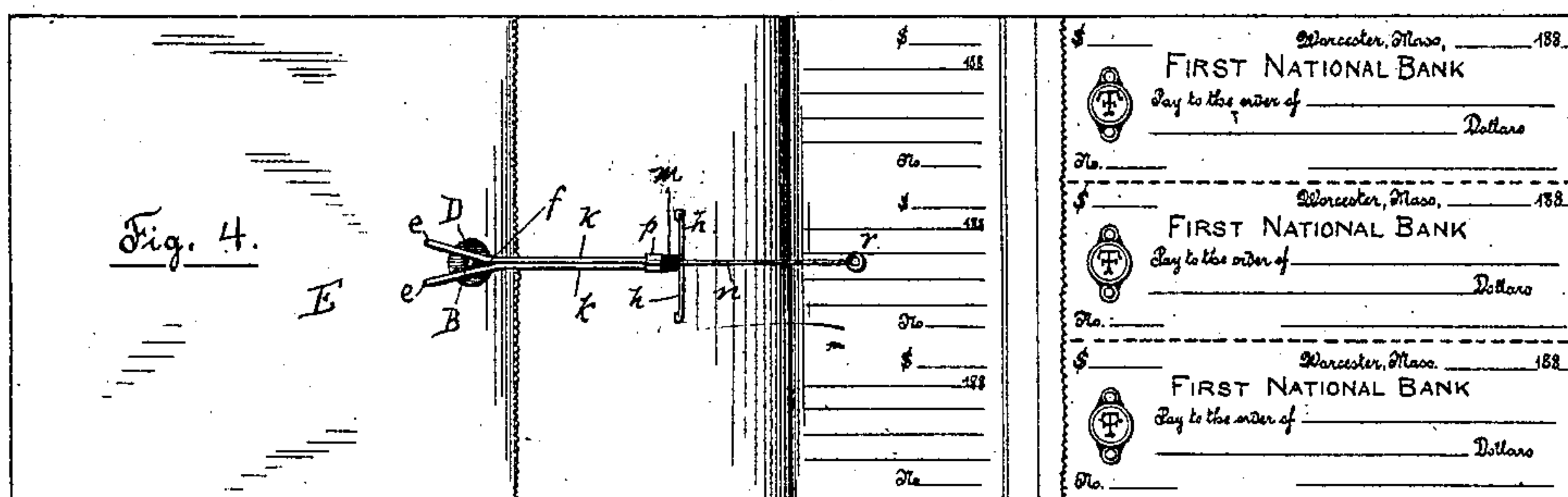
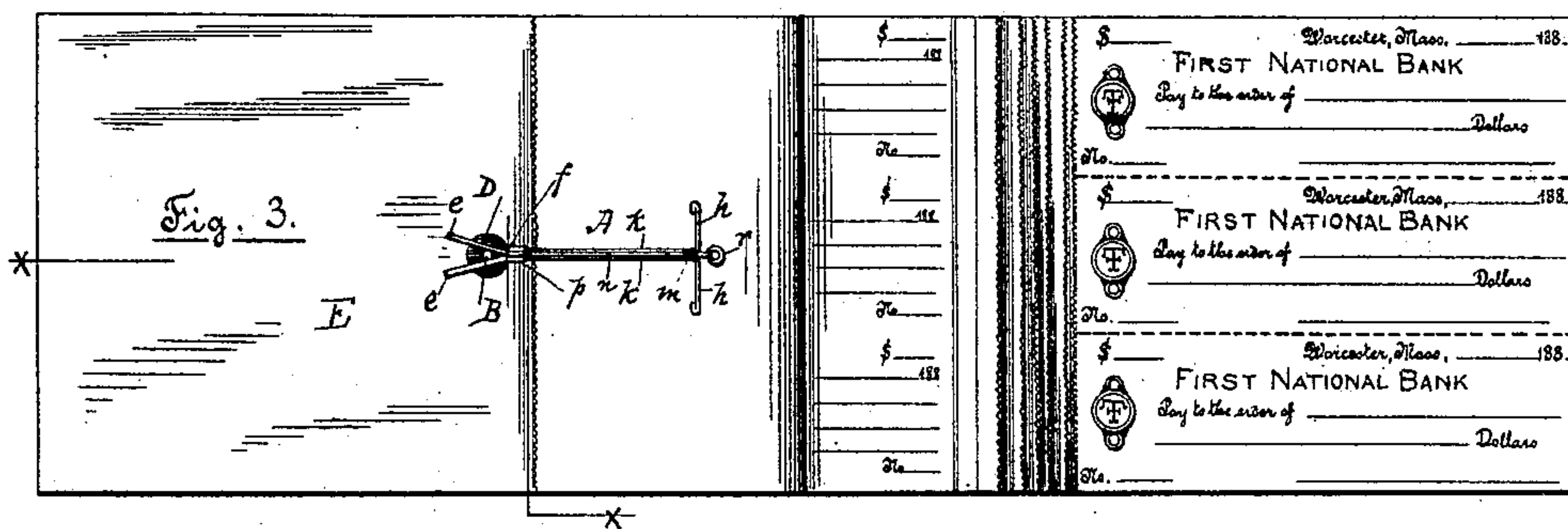
(No Model.)

2 Sheets—Sheet 2.

H. W. FIELD & H. A. FOWLER.  
ADJUSTABLE STUB HOLDER.

No. 444,429.

Patented Jan. 13, 1891.



Witnesses  
Chas. F. Schmelz,  
H. M. Fowler

Inventors  
Herbert W. Field,  
Henry A. Fowler,

By their Attorney  
Rufus P. Fowler



# UNITED STATES PATENT OFFICE.

HERBERT W. FIELD, OF CHICAGO, ILLINOIS, AND HENRY A. FOWLER, OF  
NORTHBRIDGE, MASSACHUSETTS.

## ADJUSTABLE STUB-HOLDER.

SPECIFICATION forming part of Letters Patent No. 444,429, dated January 13, 1891.

Application filed April 11, 1888. Serial No. 270,365. (No model.)

*To all whom it may concern:*

Be it known that we, HERBERT W. FIELD, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, and HENRY A. FOWLER, a citizen of the United States, residing at Northbridge, in the county of Worcester and State of Massachusetts, have invented a new and useful Improvement in Adjustable Stub-Holders, of which the following is a specification, accompanied by drawings forming a part of the same, and together giving a full, clear, and exact description of our invention.

The object of our invention is to provide means for holding the stubs of check-books, receipt-books, shipping-books, and other books in which a portion of the leaves are torn off, leaving what is known as a "stub" remaining in the binding.

Our invention may also be used as a leaf-holder and for analogous purposes; and it consists in its essential features of an elastic extensible bar attached to the cover of the book or to other convenient rigid support by means of a fastening upon which it is pivoted, so it may be turned on or off the stub to be held or removed entirely; and it also consists in the means by which the tension of the elastic bar may be increased or diminished at will, and in the particular construction and arrangement of the several parts of the device, as hereinafter described and specifically claimed.

In the accompanying drawings, Figure 1 is a perspective view of the extensible elastic bar. Fig. 2 is a perspective view of the fastening by which the bar is attached to the book-cover or rigid support. Fig. 3 is a view of an open check-book with our improved stub-holder applied to hold the stubs upon one side of the center. Fig. 4 is a similar view of a check-book with the extension-bar drawn out to retain the stubs upon the opposite page. Fig. 5 represents an open check-book with the stub-holder turned in position to release the stubs; and Fig. 6 is a sectional view of that side of the cover to which the stub-holder is attached, shown on line X X, Fig. 1.

Similar letters refer to similar parts in the several views.

A denotes the elastic bar forming the body of our device, which we preferably make of a single wire bent at its center *a*, forming a U-shaped loop whose parallel sides *b b* inclose the narrow slot *c*. At the points *d d* the wire diverges, being bent outwardly and enlarging the inclosed space to the points *e e*, where the wire is bent into U-shaped loops, with the sections *e f* parallel with the corresponding sections *d e*. At *f* the wire is brought together and attached by solder or otherwise, forming a single bar which is slightly bent at *f*, as shown in Fig. 6, and extended in a right line to *g*, where each end of the wire is bent at right angles, forming the arms *h h*, with the extreme ends of the wire bent at *j j*. The wires *k k* are joined together at *f* and *g*, and a sleeve *m* is attached to the wires *k k* at the outer end of the bar, through which we pass the extension-bar *n*, sliding in the groove formed between the wires *k k*, and having an attached sleeve *p* at its inner end inclosing the wires *k k* and sliding thereon. The bearing of the outer end of the extension-bar upon the stubs is increased and the device rendered more convenient in its manipulation by means of the ring-shaped end *r*. The bar is bent at *f* sufficiently to allow the device when in its normal position upon the cover of the book to rest upon the end *g* and the points *e' e'* with the central U-shaped loop *a* slightly raised above the cover, as illustrated in Fig. 6. The holder is attached to the central section of the cover contiguous to the edge of the stubs by means of the screw-threaded bolt B, provided with the thin disk-shaped head C, which rests against the outer side of the cover, and the circular nut D. The screw-threaded bolt is placed through the cover with the nut D in position, as shown in Fig. 6, and the bent wire placed in the position shown in Fig. 6 by inserting the nut D between the ends *e e*, Figs. 1 and 3, and pushing the bent-wire bar in the direction of the arrow 1, the nut causing the bent ends *e e* to spread apart, owing to the elasticity of the sections *b b*, and allowing the nut D to pass between the bent ends



*e e* and the screw-threaded bolt *B* to enter the narrow slot *c*, the pressure of the nut *D* upon the U-shaped end *a* causing the end *g* of the bar to rest upon the cover with a pressure which may be increased or diminished by tightening or loosening the nut *D*. The elastic bar *A* is thus securely held in place upon the cover of the book, and is also pivoted upon the bolt *B*, allowing the bar *A* to be turned on the bolt *B* and carried over the stubs upon the left side of the book, as shown in Fig. 3, or removed entirely from the stubs, as shown in Fig. 5.

When it is desired to retain the stubs upon the right-hand side of the book, the extension-bar *n* is withdrawn, as shown in Fig. 4, and partially withdrawn in Fig. 1. The bent wire bar *A* is retained in any position in which it is placed by means of the tension of the bar, causing a pressure to be exerted at the points *g* and *e' e'*, as the nut *D* is made to press upon the U-shaped end *a*. The wire bar *A* is also held from falling off the screw-threaded bolt *B*, even when the nut *D* is loosened, as the space between the bent ends *e e* is slightly less than the diameter of the nut *D*.

We have herein described what we deem a preferable method of construction; but we do not confine ourselves to the method shown, as many of the essential features of our invention could be embodied in other well-known methods of construction, such as making the elastic bar of a single piece of steel plate with openings stamped therein to receive the nut *D* and bolt *B*. To form the bar *A* of brass or steel wire, nickel-plated, is, however, a cheap and convenient method, which seems to us advisable and has therefore been made the subject of the accompanying drawings.

Although we have shown our device only in connection with and as illustrating its use with a check-book, its adaptation to many analogous uses will be apparent, such as the holding of leaves of music by attaching the holder to the music-rack or to any suitable rigid support or attaching it to a book rack or holder for the purpose of retaining the leaves of the book in place.

In books in which a portion of the leaf is removed, leaving a stub, such as check-books, shipping-books, and the like, the removal of a portion of the leaf furnishes a clear space upon the inside of the cover upon which to attach the stub-holder; but in other books the holder may be attached to an extension-piece consisting of a metallic sliding bar, which may be withdrawn outside the leaves when desired.

We have not illustrated such methods of attachment, as they do not form a part of our present invention, and they are herein mentioned as indicative of other uses than that illustrated in which the device forming the subject of our present invention may be applied.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. The combination, with the cover and stubs of a book, of a stub-holder consisting of an elastic bar bent into a U shape, forming arms of unequal length, the longer arm arranged to extend over the stubs and the shorter arm being pivoted to the inner surface of the cover outside said stubs, so the longer arm can be swung upon said pivoted arm upon the stubs, substantially as described.

2. In combination with the leaves of a book, a holder bent at one end in U shape, with its longer arm resting upon the leaf to be held and its shorter arm pivoted to the body supporting the holder by means of a screw-threaded bolt and nut, said shorter arm being raised above the supporting-body so the pressure of the nut thereupon will serve to determine the pressure of the longer arm of the holder upon the leaf, substantially as described.

3. The combination, with a screw-threaded attaching bolt and nut, of the holder provided with an opening to receive the nut between the points *e e*, said opening being slightly less than the diameter of the nut, and a slot *c*, communicating with said opening to receive the bolt, substantially as described.

4. The combination, with the holder having an elastic arm resting on the leaf to be held, of a fixed sleeve *m*, a sliding extension-bar *n*, with a sleeve *p* sliding on said elastic arm, substantially as described.

5. The combination, with the cover of a book, of a leaf or stub holder provided with an opening to receive a bolt and nut, a narrow slot communicating with said opening to receive the bolt, an arm extending over the leaf to be held, and an attaching screw-threaded bolt and nut by which the holder is attached to the cover of the book, substantially as described.

HERBERT W. FIELD.

HENRY A. FOWLER.

Witnesses to signature of Herbert W. Field:

D. A. CAMPBELL,

CHARLES I. FOWLER.

Witnesses to signature of Henry A. Fowler:

RUFUS B. FOWLER,

H. M. FOWLER.