March 10, 1925. 1,528,889

J. C. PATTERSON

CLIPPING IMPLEMENT

Original Filed May 16, 1923

FIG. I.

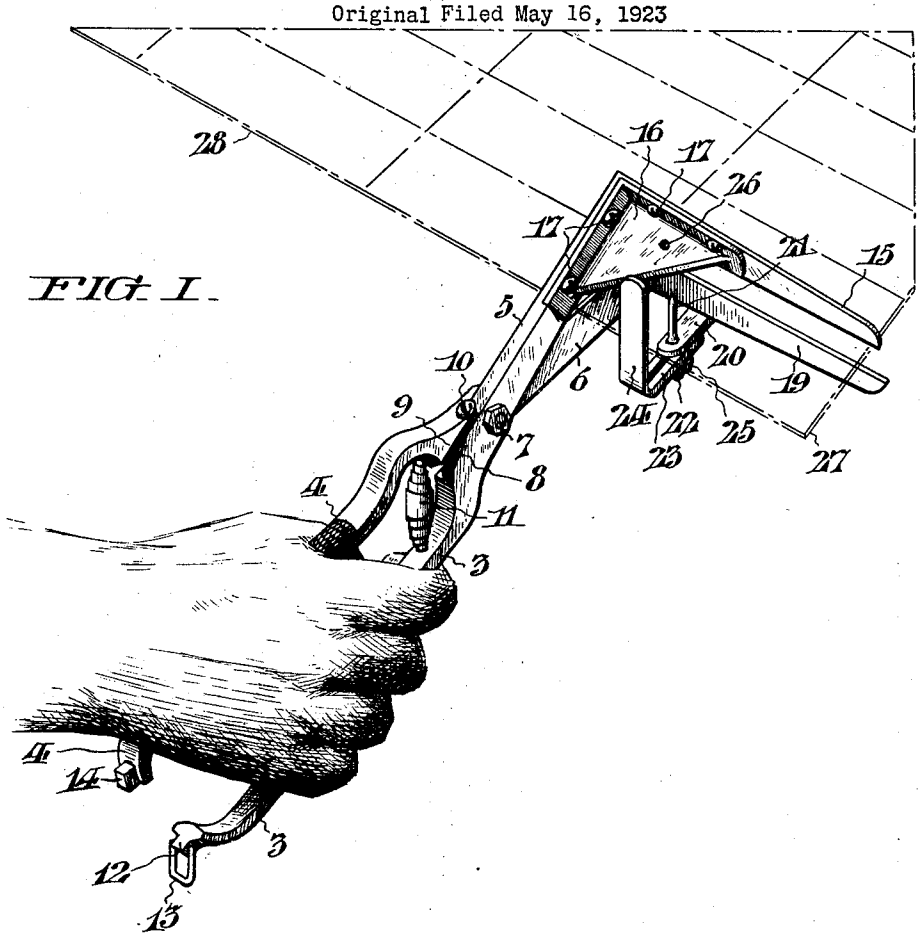
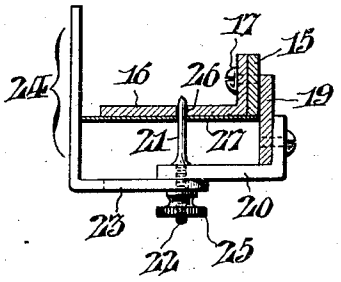


FIG. II.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN C. PATTERSON, OF PHILADELPHIA, PENNSYLVANIA.

CLIPPING IMPLEMENT.

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To all whom it may concern:

Be it known that I, JOHN C. PATTERSON, a citizen of the United States, residing at Philadelphia, county of Philadelphia, and State of Pennsylvania, have invented certain new and useful Improvements in Clipping Implements, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to cutting or shearing instruments and it has more particular reference to devices of the character designed for use in banks and financial institutions for detaching coupons from bond or stock certificates and it has for its primary object to provide a novel clipping implement especially applicable to the foregoing specified use.

Another object of my invention is the provision of an adjustable clipping implement embodying angular blades adapted to sever different sized coupons or portions from bond or stock certificates with a clean continuous shear.

A further object is to provide an implement of the character specified by the preceding paragraph having associated means for holding the coupon or other portion cut off after it has been severed, said means being of a type adaptable for the clipping of a number of coupons successively without fear of loss or accidental displacement.

In addition to the foregoing objects this invention comprehends improvements in the details of construction and arrangement of the correlated parts of what I now believe to be the preferable embodiment from among other possible forms and arrangements devisable within the spirit of said invention and the scope of the appended claims.

For a clear understanding of my invention reference is made to the accompanying drawings constituting a part of this specification, and in which like characters of reference designate corresponding parts in both views.

Fig. I is a perspective view of my novel clipping implement and illustrative of its manner of use; and,

Fig. II is a part sectional detail on an enlarged scale of the coupon or clipping holder means per se, hereafter more particularly referred to.

Referring to the drawings my novel clipping implement comprises a pair of handle bows 3, 4 having integral shear blades 5, 6 respectively fulcrumed together by means of a bolt 7 or the like, and said blades 5, 6 are appropriately shouldered at 8, 9 adjacent their pivotal point, one of said shoulders 8—for example—having a headed screw 10 threaded thereinto for a purpose later on explained. Appropriately located between the aforesaid handle bows 3, 4 is a helico-volute compression spring 11 the normal tendency whereof is to automatically open or divergingly expand said bows 3, 4; while one of the handle bows 3—for example—is provided with an extension lug or heel 12 having a pivoted keeper or bail 13 adapted for co-operation with an opposed projection 14 on the free end of the handle bow 4 to retain the implement in closed position when not in use.

One of the blades 5 is laterally directed at right angles to provide an integral or attached shear extension 15, and in the angular space intervening said blade 5 and extension, I fit a transverse plate or brace 16 conveniently flanged for secure connection in situ by rivets or screws 17, as will be readily understood by those conversant with the art. This plate or brace 16 is preferably, though not essentially, disposed substantially in a plane coincident with the shear edges of the blade 5 and its extension 15 and it functions to steady the coupon or other portion cut off from a bond or stock certificate during its severance, and for a purpose later on explained.

To the other blade 6 aforesaid is securely attached in any appropriate manner the complemental shear extension 19 adapted for cooperation with the extension 15 as later on more fully set forth, and it will be readily understood that when pressure is exerted on the bows 3, 4 in opposition to the spring 11 the blades 5, 6 and extensions 15, 19 will effect a gradual and clean cut by the intimate shearing engagement of the cutting edges of said blades and extensions.

Associated with the clipping implement just described and in order to provide for its ready adjustment to different sized coupons I attach to the shear extension 19 an angled supporting member 20 having a shouldered prong or pointed pin 21 screw-threaded or otherwise immovably held thereto. In the embodiment illustrated this prong or pin 21 is extended through the member 20 to provide a pivot 22 for the slotted arm 23 of an angled

gauge member 24, said gauge member 24 being adapted for secure retention in properly adjusted position by means of a nut 25. It is to be particularly noted that the aforesaid prong or pin 21 is pointed at its free end and arranged for entry through a registering hole 26 provided for the purpose in the plate or brace 16 when the device is closed or operated. As will be readily seen from Fig. II, said prong or pin 21 pierces the coupon or clipping 27, and due to frictional engagement will ensure the impalement and removal of said coupon or clipping away from the region of severance; or the cutting edges, when the handle bows 3, 4, are released. This feature is deemed of importance, in that it effectively protects the severed coupon or clipping 27 from damage by manipulation of the implement after it has been severed from the bond or stock certificate.

In operation it will be apparent from the drawings that as the bows 3, 4 are compressed the blades 5, 6 will be closed upon one another and shear the coupon or clipping 27 from the stock or bond certificate 28 indicated fragmentarily by dotted lines in connection with Fig. I, with a gradual and clean swept cut along two adjacent edges, thus severing same in rectangular form. As the cutting operation proceeds or is nearly completed by the complemental shear extensions 15, 19 it will be readily apparent that the point of the prong or pin 21 will pierce the severed coupon 27 and prevent its falling. Furthermore the adjustment of the gauge member 24 to different sized or widths of coupons and clippings is so obvious that an amplified explanation is dispensed with, while the hereinbefore referred to set screw 10 serves to adjustably limit the actuation of the handle bows 3, 4, as well as provide for the adaptation of the device to relatively different manual grips.

Another feature worthy of note is the fact that the shear extension 15 serves as a straight edge for properly aligning the implement relative to the coupon or clipping to be severed thereby.

From the foregoing description it will be apparent that by my invention there is provided a simple and effective clipping implement for detaching coupons and the like, while the various parts thereof are so arranged and correlated that liability to derangement or damage is reduced to the minimum. Again, while I have illustrated and described a preferred embodiment of the invention, it will be obvious changes may be made without departing from the intent of the above specification and scope of the subjoined claims.

Having thus described my invention, I claim:

1. A clipping implement comprising co-operating sheer blades having lateral extensions, one of said blades and its extension including a transverse brace, a gauge member supported by the complemental extension, and means co-acting with the transverse brace to effect removal and location of the clipping clear of the shearing region.

2. A clipping implement comprising co-operating shear blades having lateral extensions, one of said extensions being braced to its associated blade by a transverse member, an adjustable gauge supported by the complemental extension, and impaling means co-acting with the transverse member to effect removal and location of the clipping clear of the shearing region after detachment.

3. A clipping implement comprising co-operating shear blades having lateral extensions, one of said extensions being braced to its associated blade by an apertured plate member, an adjustable gauge supported by the complemental extension, and piercing means adapted to co-act with the apertured plate member to impale and hold the clipping clear of the shearing region after detachment.

4. In a clipping implement including angled shear blades the combination of an apertured support, an adjustable gauge, and an associated prong adapted to enter the aperture of said support whereby the severed clipping is impaled and held clear of the shearing region after detachment.

5. In a clipping implement including angled shear blades, the combination of an apertured transverse brace on one of said blades, a support on the other angled blade having a projecting prong, and an adjustable angled gauge pivotally mounted on the support, said prong being adapted to enter the aperture in the transverse brace whereby the severed clipping is impaled thereon after detachment.

In testimony whereof I have hereunto signed my name at Philadelphia, Pennsylvania, this 15th day of May, 1923.

JOHN C. PATTERSON.

Witnesses:
JAMES H. BELL,
E. L. FULLERTON.