

(No Model.)

T. & A. S. FIX.

NEWSPAPER CLIP.

No. 346,904.

Patented Aug. 10, 1886.

Fig. 1.

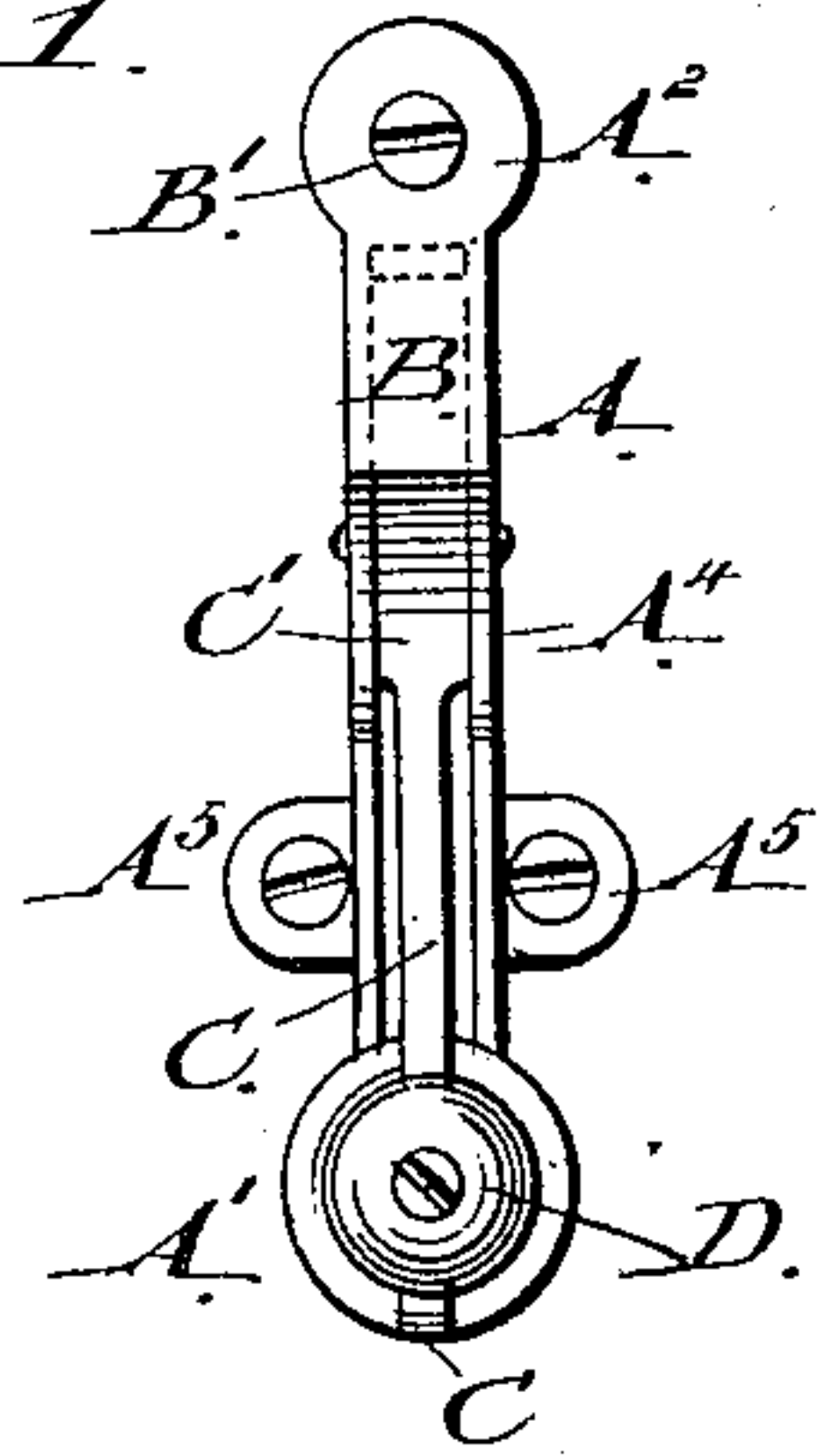


Fig. 2.

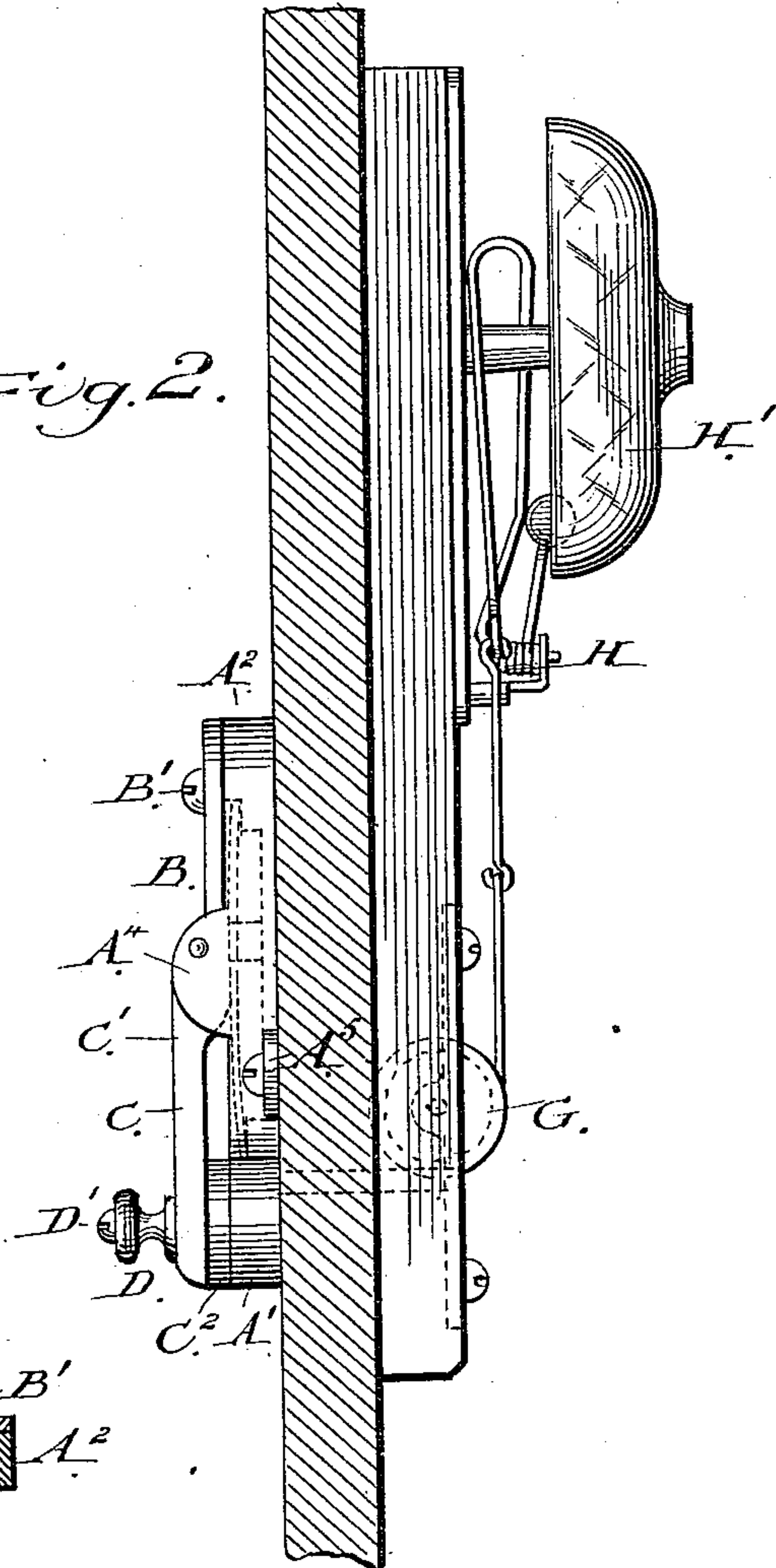
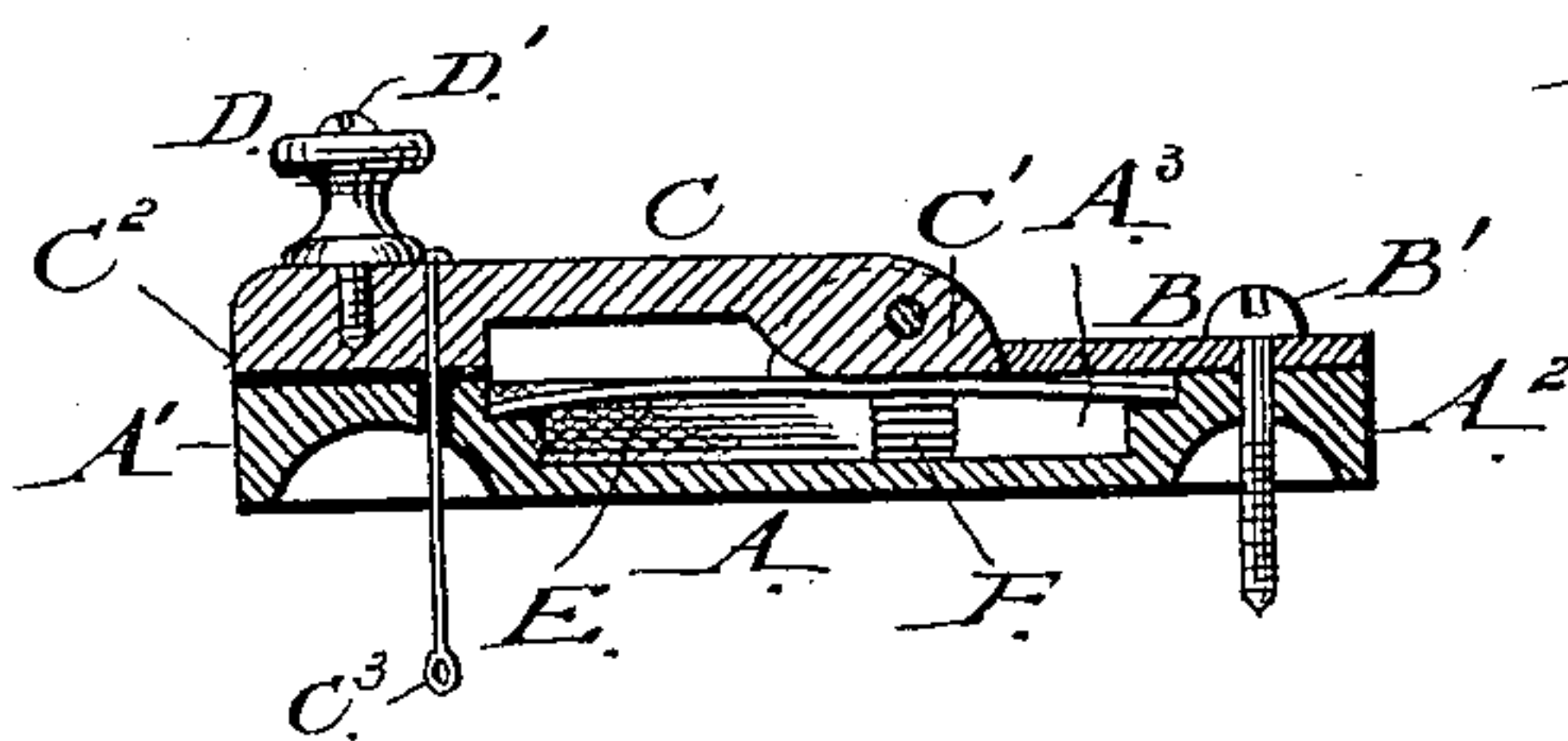


Fig. 3.



WITNESSES

J. W. Fowler
Daniel Clark

INVENTORS

Thomas Fix,
Albert S. Fix,
By Thomas P. Finney
Attorney

UNITED STATES PATENT OFFICE.

THOMAS FIX AND ALBERT S. FIX, OF READING, PENNSYLVANIA.

NEWSPAPER-CLIP.

SPECIFICATION forming part of Letters Patent No. 346,904, dated August 10, 1886.

Application filed January 13, 1886. Serial No. 189,052. (No model.)

To all whom it may concern:

Be it known that we, THOMAS FIX and ALBERT S. FIX, citizens of the United States, residing at the city of Reading, county of Berks, State of Pennsylvania, have invented a new and useful Improvement in Newspaper-Clips, of which the following is a specification.

This improvement relates more particularly to newspaper-clips intended to be secured to the doors or gates of residences.

The object of the invention is to secure the paper until purposely released from the same, and by a combination of a signal bell or gong therewith to give an alarm when the paper is placed in the clip, thus insuring the receipt of the same.

It is well known that a clip serves to protect the newsboy, to save the paper from dirt and destruction and loss by high winds, but uncombined with an alarm does not fully secure the subscriber, but supplemented by an alarm, as in our device, it leaves no void unfilled.

The drawings herewith show very fully the construction of our improvement, like letters of reference indicating like parts.

Figure 1 is a full front elevation of the newspaper-clip as applied to a door. Fig. 2 represents the application of the clip to one side of a door, with the bell or gong on the opposite side, and connected therewith, the door in section; Fig. 3, a longitudinal sectional elevation of the clip detached from the door.

The clip may be constructed of any suitable metal adapted to the position it is to occupy, and they may be made more or less ornamental, as desired. As usually constructed, we form a base-piece, A, with an anvil, A', head A², recessed spring-seat A³, ears A⁴, and securing ears A⁵. A cap-piece, B, closes the upper portion of the recess by a screw, B'. A flat spring, E, of suitable metal and strength, is placed with its convex face upward in the recess, and has a re-enforced spiral spring, F, beneath the same. An arm, C, having a cam end, C', is fulcrumed in the ears

A⁴, has a padded head, C², coincident with the anvil A', and a pulling-knob, D, secured to the same by a screw, D', the cam end C' resting snug against the crown of the spring E, which presses the pad firmly against the anvil, and securely holds whatever may be placed between the same. Screws in the ears A⁵ secure the clip to the door. To combine the alarm therewith, a link, C³, is secured to the arm C, near the edge of the anvil, which is perforated for a connecting wire or chain attachment, which, passing through the door and gong-block, passes over a pulley, G, provided upon the same, and from thence to the usual trip, H, of the gong H'.

The newsboy, in pulling out the knob D, draws the arm C, and head C² with it, which operates the connection to the gong and gives an alarm.

We are aware that we are not the first to invent newspaper-clips for doors. (See Patents to Crull, March 28, 1871, No. 113,026, and Bingamen, September 9, 1884, No. 304,692.)

We are aware also that it has been customary to place a letter-box upon the inside of the door, in combination with an alarm-bell, by a connection between it and the outer cover to the slot cut through the door for the same, (see Patent No. 195,598, September 25, 1877, to Costello B. Geen;) but the alarm in this case is given after the letters, &c., are safely deposited in the box, whereas our alarm is connected with the clip by a mere gimlet-hole put through the door, not observable after the clip is removed, and gives notice that the door must be opened to secure the paper. Owners of houses can avail themselves of the letter-box convenience, but tenants at will dare not cut slots through the doors and disfigure them, as would be the case when the tenant leaves for other quarters, taking the letter-box and outer cover-plate along.

Having described our device, shown its use and advantages, we desire to secure by Letters Patent the following claim thereon:

As an improved article of manufacture, a newspaper-clip adapted to be secured to a door or other suitable support, consisting,

essentially, of the following elements: a base-
piece, A, provided with an anvil, A', and
head A², with a recess-seat for a flat spring
between the same, a spring, E, with a re-en-
5 force spiral spring, F, beneath it, a cap-piece,
B, an arm, C, with cam end C', head C², pull-
knob D, and securing-ears A⁵, arm C, ful-
crumed in ears A⁴, all combined and arranged
to secure between the head C² and anvil A',

newspapers, &c., substantially as and for the re-
purpose set forth.

THOMAS FIX.

ALBERT S. ^{his}+ FIX.
mark.

Witnesses:

JAMES R. KENNEY,
WM. S. RIBBLE.