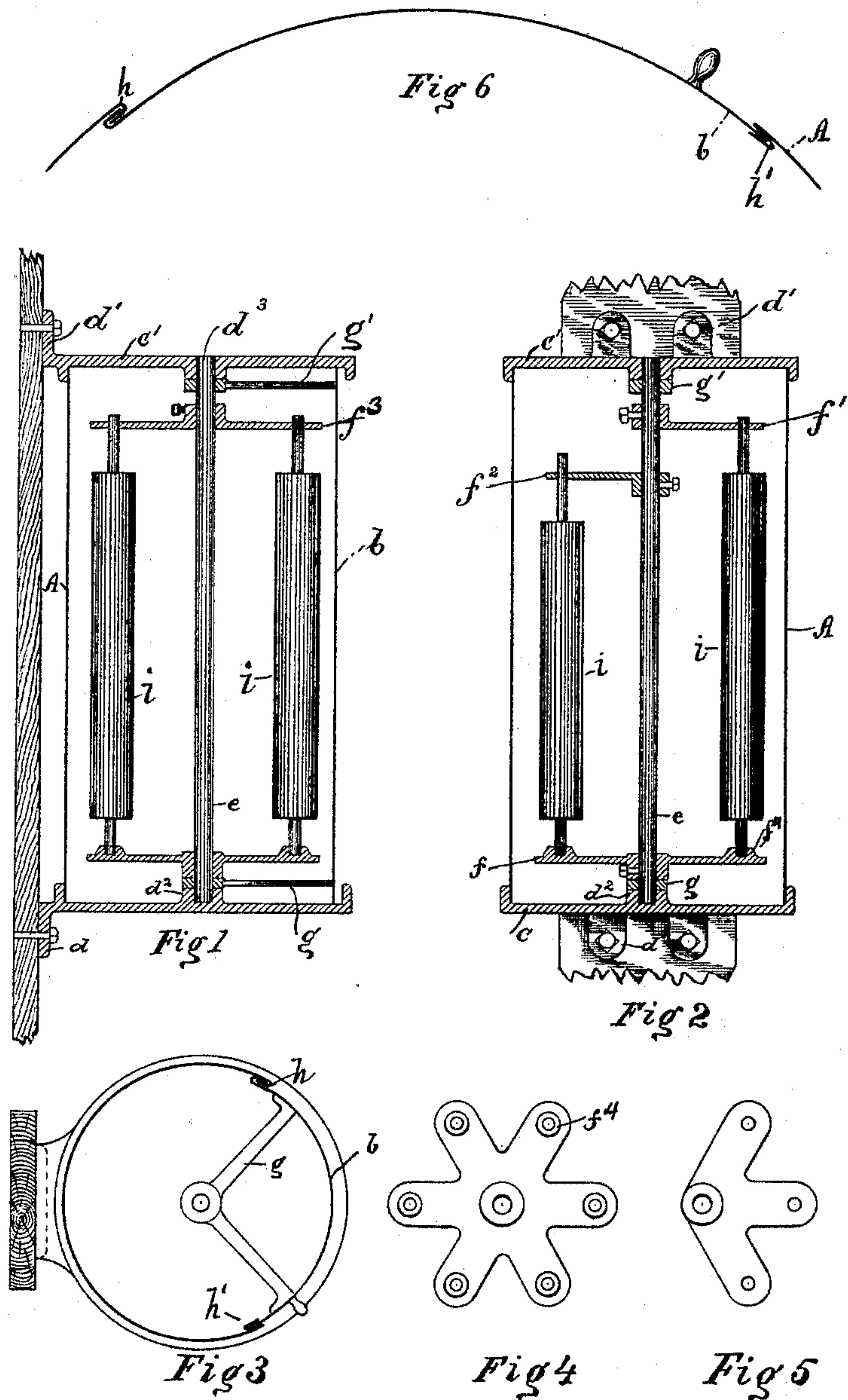


(No Model.)

S. H. BRADBURY.
CABINET FOR PRINTERS' ROLLERS.

No. 497,855.

Patented May 23, 1893.



Witnesses
J. Dalton
W. Jackson

Inventor
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UNITED STATES PATENT OFFICE.

SAMUEL H. BRADBURY, OF WAUKEGAN, ILLINOIS.

CABINET FOR PRINTERS' ROLLERS.

SPECIFICATION forming part of Letters Patent No. 497,855, dated May 23, 1893.

Application filed October 21, 1890. Serial No. 368,802. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL H. BRADBURY, a citizen of the United States, residing at Waukegan, in the county of Lake and State of Illinois, have invented certain new and useful Improvements in Cabinets for Printers' Rollers, which are fully set forth in the following specification, reference being had to the accompanying drawings, forming a part hereof, and in which—

Figure 1 shows a vertical central section of my improved cabinet for printers' rollers, cut from front to back, the central shaft and rollers within it being shown entire. Fig. 2 shows the same cut by a plane at right angles to that shown in Fig. 1. Fig. 3 shows the lower end of this cabinet cut from the body by a plane above the arms *g*. Fig. 4 shows a six armed spider *f*. Fig. 5 shows a three-armed spider. Fig. 6 is an enlarged transverse section of the front of the device with the door closed, showing the construction of the vertical edges of the spring and its door.

Like letters refer to like parts.

The object of my invention is to produce a cabinet adapted to hold printers' rollers in such a manner as to be of least injury to them while not in use, from and into which they may conveniently be taken and replaced and at the same time occupy the least room and be inclosed and out of reach of vermin and dust. To attain said ends I construct my said improved device in substantially the following manner, namely:

I provide two heads *c* and *c'*, preferably of circular, but may be of any desired outline in form. Said heads are provided with vertical flanges which overlap the ends of a cylindrical shell *A*, of wood, metal, or paper, &c., to which they are secured by rivets or otherwise. The rear edges of said heads are provided with lugs or toes *d* and *d'*, adapted to rest against a wall or flatsided post and through which bolts or suitable screws are passed to hold the device as shown. In the front of said cylinder *A* is cut an opening to the ends thereof. One of the edges of the opening thus formed is then formed into the shape of a hook as shown at *h*. The other edge of the opening is also bent inward in the same man-

ner but with the lap, which is of greater width pressed closely upon the cylinder and then bent forward from its center to form the hook *h'*. This latter hook receives the front edge of the door *b*, said edge being adapted to be received into said hook, but the back edge of the door is formed into an outward projecting hook adapted to engage with the hook *h*, when said door is closed, and to, or near the forward edge of said door is attached a handle to operate it. In the center of the interior of the lower head is a boss *d²* and above it, in the head *c'* is a similar boss *d³*, through which passes an opening adapted to receive the rod, or shaft *e* and which rests in a hole in the lower boss. Upon the ends of said shaft are mounted arms *g* and *g'* attached, together, to a central hub to the outer ends of which the door *b* is fastened thus forming a hinge or hinges for the door. Upon said lower arm rests the hub of a spider, a plate *f*, which may be a disk provided with suitable sockets to receive the ends of the shafts of the rollers *i* said plate being here shown in its preferred form, that of a spider, provided with bosses *f⁴* in which are sockets to receive the ends of said shafts. A similar spider *f³* is placed at the upper end of the shaft *e* which is provided with some means, as a set bolt to hold it at its proper height, and its arms are provided with holes which pass through the plate. When it is desired to have the same cabinet hold rollers of different lengths the upper spiders are provided with the required number of arms, as for instance like the one shown in Fig. 5 and fastened at the required heights as shown in Fig. 2.

In placing the rollers *i* into this cabinet the upper ends of their shafts are passed through the upper plate far enough to permit the lower end of the shaft to pass over and down into the hole or socket in the boss *f⁴*; and to get to any particular roller, or place for one, the spiders are made to turn on the shaft *e* to which they are secured, as shown, until the desired one comes to the front.

When the door of this cabinet is closed it makes the interior of this cabinet practically dust-proof and also prevents the rollers from becoming dry and hard and consequently

saves much labor and loss while at the same time the rollers are placed in the best possible position to preserve their regularity of form.

What I claim is—

- 5 1. The combination with the body A provided with opening and hooks *h h'* thereto heads *c c'* and shaft *e*, of the door *b* adapted to engage with said hooks, substantially as specified.
- 10 2. In a printer's cabinet the combination with a case provided with parallel ends a longitudinal opening and hooks to the longitudinal edges of said opening pointing in the same direction, of a shaft with arms, within said case carrying, at their outer ends, a door 15 to said opening provided with a hook at its rear edge and the edges of said door adapted to engage with the edges of said opening, substantially as specified.

SAMUEL H. BRADBURY.

Witnesses:

J. DALTON,

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