No. 726,093. PATENTED APR. 21, 1903.

S. A. NEIDICH.

TRANSFER BINDER.

APPLICATION FILED OCT. 10, 1902.

NO MODEL.

Fig. 1.

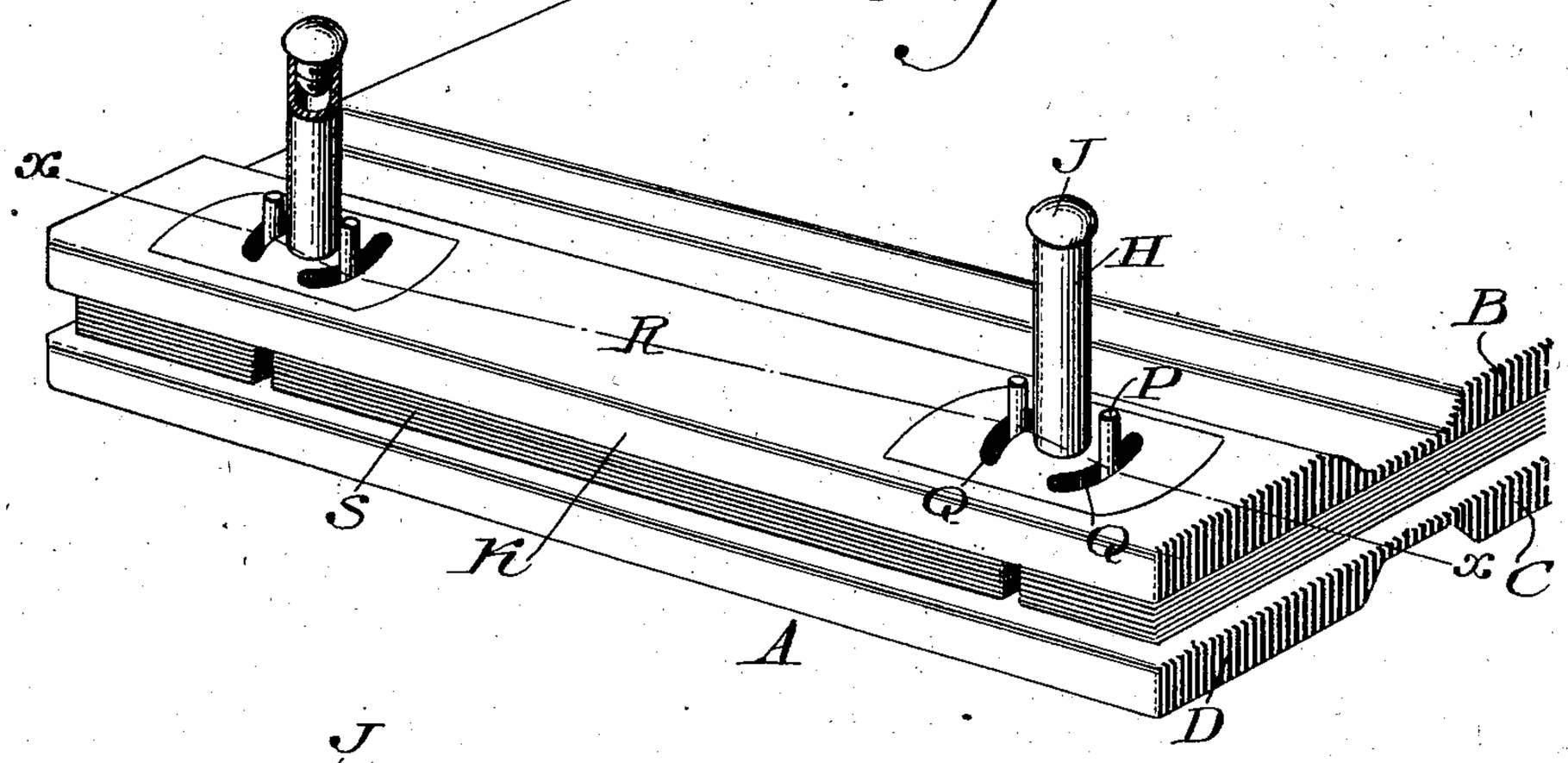


Fig. 2.

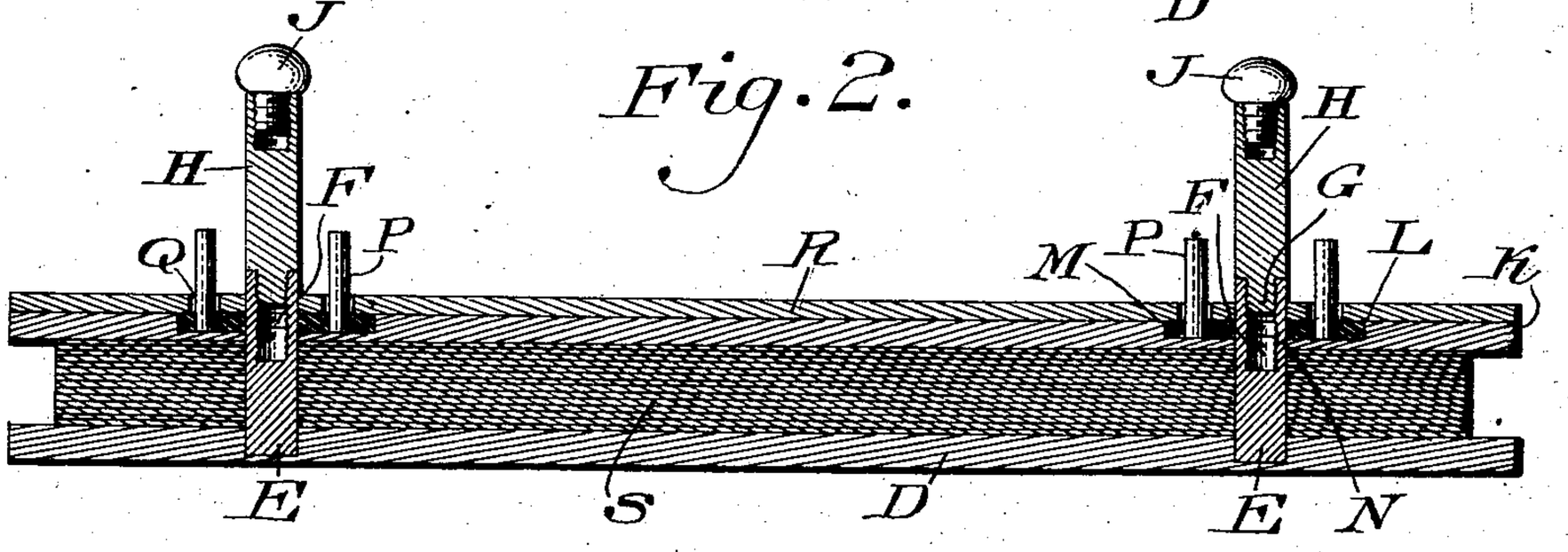
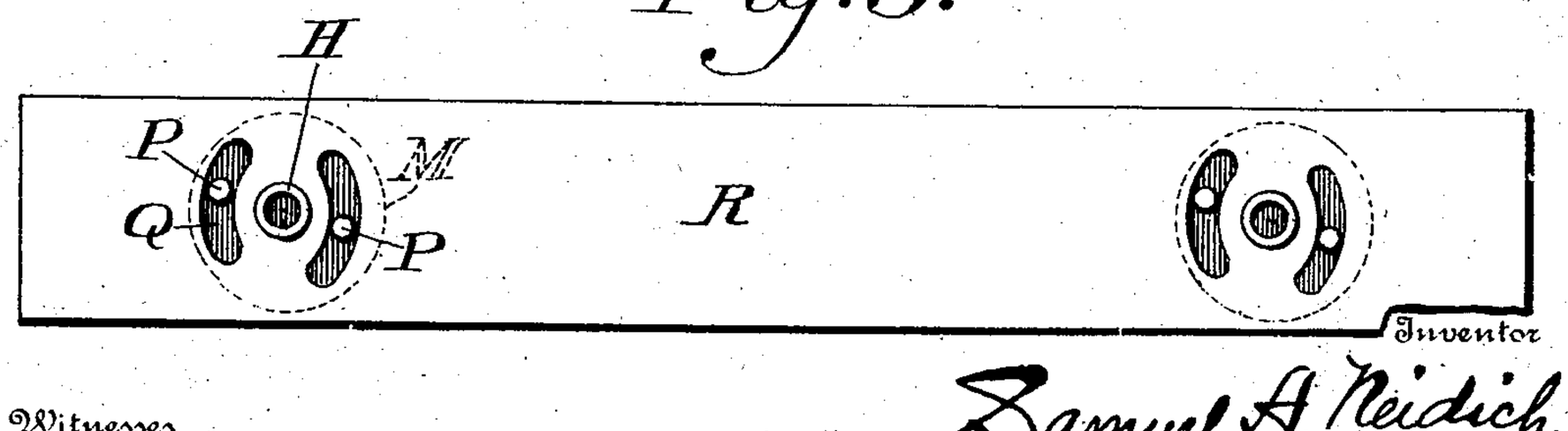


Fig. 3.



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UNITED STATES PATENT OFFICE.

SAMUEL A. NEIDICH, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO WILLIAM MANN COMPANY, A CORPORATION OF PENNSYLVANIA.

TRANSFER-BINDER.

SPECIFICATION forming part of Letters Patent No. 726,093, dated April 21, 1903.

Application filed October 10, 1902. Serial No. 126,653. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL A. NEIDICH, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Transfer-Binders, of which the following is a specification.

My invention consists of an improvement in temporary binders for use in securing together a plurality of loose sheets, which can be quickly and expeditiously secured in said binder.

It further consists of novel details of construction, all as will be hereinafter set forth.

Figure 1 represents a perspective view of a portion of a temporary binder embodying my invention. Fig. 2 represents a sectional view on line *x x*, Fig. 1. Fig. 3 represents a plan view of a portion of the binder embodying my invention.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a temporary binder having the two covers B and C, the lower one of which is secured to a plate D, which is formed of any suitable material and to which are secured the rods E, which project upwardly therefrom and each of which may be provided with a threaded opening F to receive the threaded end G on a similar rod H, the latter rods being also provided with suitable threaded openings, whereby other rods can be secured thereto, or the knob J may be secured therein.

K designates a plate having cut-away or countersunk portions L in the upper face, in each of which is seated a disk M, said plate K having openings N, through which is adapted to pass the rods E, each of said disks M being also provided with an eccentric opening N′ for the reception of the rods E, it being understood that the opening in the disks and in the plate K are out of center with respect to the cut-away portions L in said plate. Secured to said disk M are pins P, which project through curved slots Q, formed in a strip or cover R, which is superimposed upon the plate K and corresponds and is secured thereto, it being understood that the cover B of the binder is secured to the plate K and strip R.

The operation will be readily understood. The leaves or other devices to be held in the binder are provided with suitable openings or slots and are placed upon the rods E, said leaves being shown at S. When the leaves are in position and it is desired to lock th same, by proper manipulation of the disks M, which can be accomplished by grasping the pins P, the said disks M can be turned, and as the same are out of center with respect to the rods E they will by reason of the same form a cam or lever for causing the disks to bite the rods E in any position in which the plates K and R are held. When it is desired to insert more leaves, the pins P are operated in the opposite direction, so that the disks M are loose with respect to the pins E and the plates K and R, and with them the cover B can be raised to the desired position, after which the pins are operated in the opposite direction in order to cause the disks M to bite on the rods E, and thus hold the parts in the desired position.

It will be apparent that various changes may be made by those skilled in the art which may come within the scope of my invention, and I do not, therefore, desire to be limited in every instance to the exact construction herein described.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a temporary binder, a plate having an opening therethrough, a rod passing through said opening, and a single movable member carried by said plate having an eccentric opening through which said rod passes, adapted to bind said plate and rod.

2. In a temporary binder, a plate having an opening therethrough, a rotatable disk approximately concentric with said opening and having an eccentric opening, and a rod passing through said openings.

3. In a temporary binder, a plate having an opening therethrough, a rod passing through said opening, and a rotatable disk carried by the plate and having an eccentric opening through which said rod passes, said disk being adapted to bite said rod, and forming the sole medium for binding the plate and rod.

4. In a temporary binder, a plate having openings therein, rods passing through said

openings, disks rotatably secured to said plate and having eccentric openings therein adapted to receive said rods, and means for rotating said disks whereby the same bite said pins.

5. In a binder, a plate having openings therein, rods adapted to pass through said openings, cut-away portions in said plates, disks situated in said cut-away portions and having eccentric openings through which the rods are adapted to pass, pins projecting from said disks and means for holding said disks in position.

6. In a binder, a plate having openings therethrough, through which rods are adapted to pass, cut-away portions in said plates, disks situated in said cut-away portions and having eccentric openings through which the rods are adapted to pass, said disks being movable on said plate to cause the walls of the disk-openings to bite the rods, a strip secured to said plate and having curved slots therein and pins secured to said disks and projecting through said curved slots for operating said disks.

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