

(No Model.)

F. S. COOLEY.
PAPER FILE.

No. 434,379.

Patented Aug. 12, 1890.

Fig. 1.

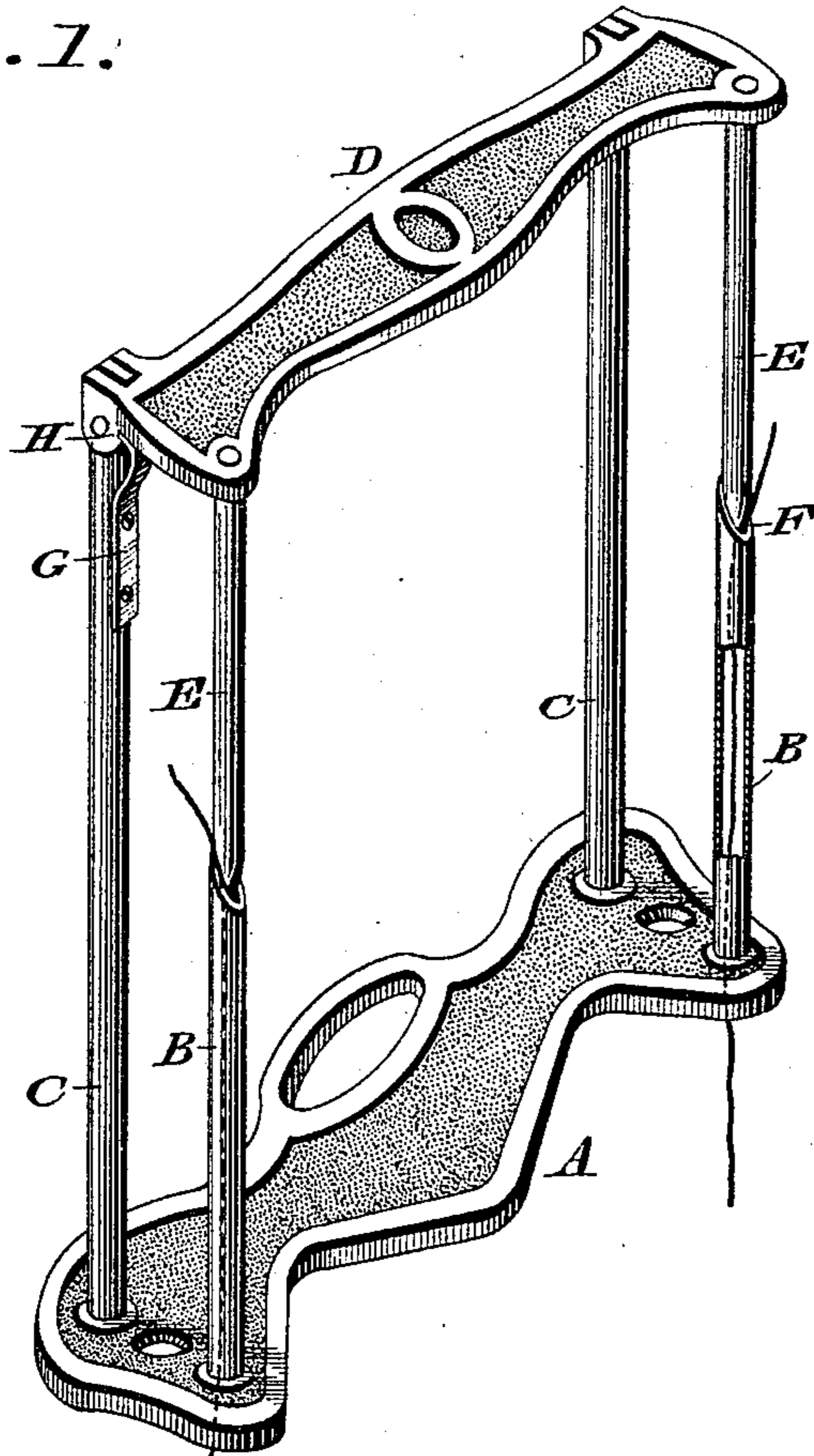
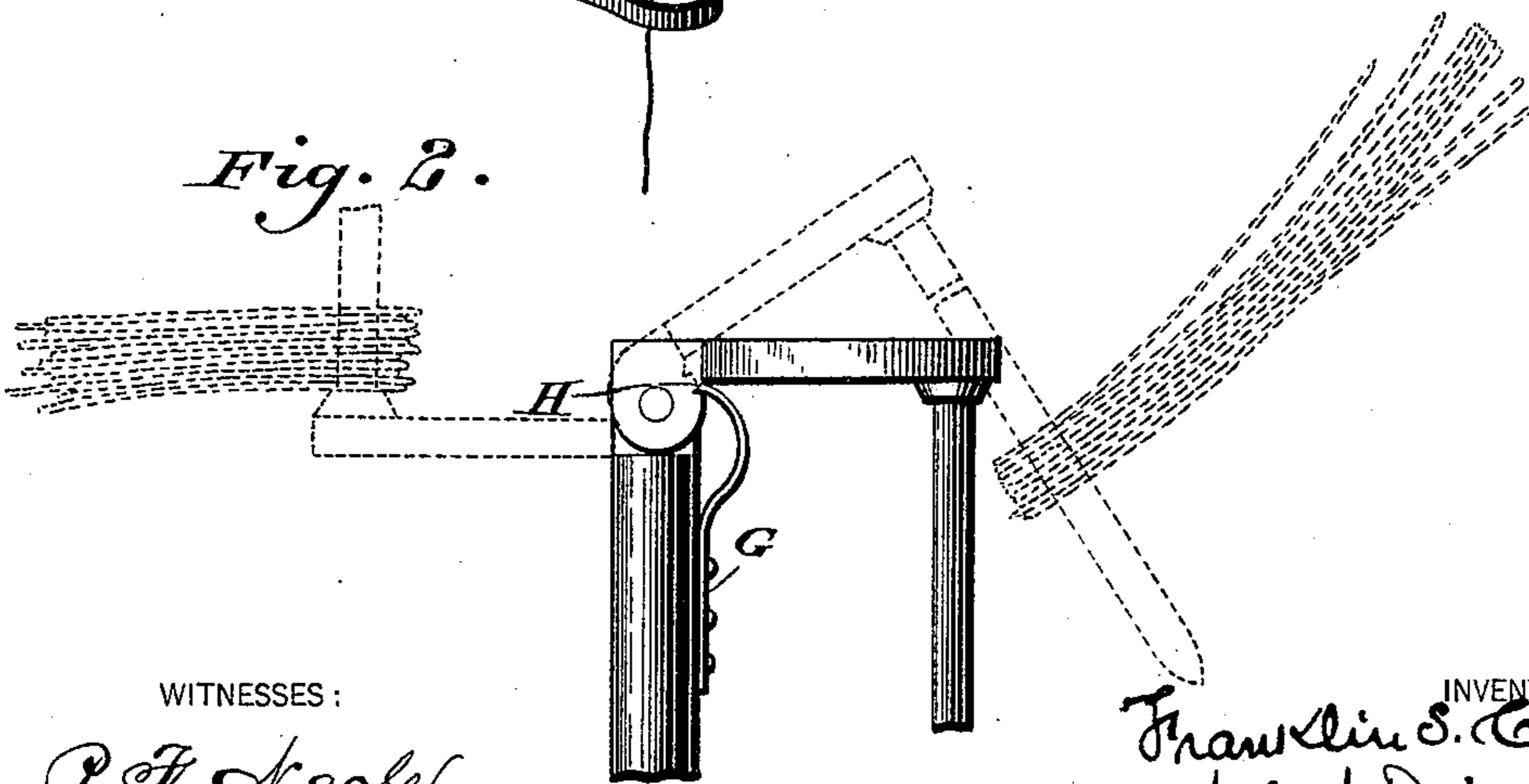


Fig. 2.



WITNESSES:

P. F. Nagle.
James F. Kelly.

INVENTOR:

Franklin S. Cooley,
BY *John Diederheim*
ATTORNEY.

UNITED STATES PATENT OFFICE.

FRANKLIN S. COOLEY, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO WILLIAM H. HOSKINS, OF SAME PLACE.

PAPER-FILE.

SPECIFICATION forming part of Letters Patent No. 434,379, dated August 12, 1890.

Application filed June 29, 1889. Serial No. 316,029. (No model.)

To all whom it may concern:

Be it known that I, FRANKLIN S. COOLEY, 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 Paper-Files, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of a device whereby papers may be safely filed and either paper is readily accessible without necessarily removing the same from the file or disarranging the other papers. To this end I employ standards which rise from a suitable base, and legs which are adapted to form a continuity of said standards or may be separated therefrom.

Figure 1 represents a perspective view of a paper-file embodying my invention. Fig. 2 represents a side elevation of a portion of the top thereof on an enlarged scale.

Similar letters of reference indicate corresponding parts in both figures.

Referring to the drawings, A designates the base of the device, formed of metal or other suitable material, and from the same rise the two standards and pins B C, the pins B, which are the shorter, being in front of the standards C. The pins B are tubular and align with openings in the base. Pivoted or hinged to the upper ends of the standards C is a plate D, from which depend the legs E, it being noticed that the lower ends of said legs enter sockets F in the upper end of the pins B, said pins B and legs E thus forming a continuity of each other.

Secured to the upper ends of the standards C are spring-catches G, whose noses removably engage with the axial portions of the plate D in recesses H therein, said portions being rounded or of the form of knuckles, so that when the plate is raised and the ends of the springs leave the recesses H said ends ride over the knuckles without interfering with the rising motion of said plate.

The upper ends of the pins B are sharpened or pointed so as to readily pierce the paper pressed down over the same, and the lower ends of the legs E are rounded or pointed so as to readily enter the sockets F.

The operation is as follows: When the papers are to be filed, the legs E are thrown up by properly turning the plate D, the holding action of the spring G on said plate D being

readily overcome. The papers are now pushed down over the pins B, after which the plate D is restored to its normal position, the legs E then engaging with the pins B, as will be seen in Fig. 1. The ends of the springs G then drop into the recesses H, thus locking the plate D and preventing the legs from separating from the pins B. It will be seen that the papers may be shifted from the pins B and placed upon the legs E, when so desired, and that owing to the latter being a continuity of the former the papers are not disconnected from the file or disarranged thereon. The papers may be afterward restored to the pins B without difficulty.

Should it be desired to remove either of the papers from the file, the papers that are above the desired one are slipped upon the legs E, and the latter with their attached papers are thrown up by the operation of the plate D, thus opening the file, whereby the desired paper is presented at the top of the pins B or, as it may be, at the lower end of the legs E and readily withdrawn therefrom.

The pins B are hollow so as to permit wire or cord to be passed through the same for the final binding of the papers.

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

1. In a paper-file, the combination of a base having an opening therein, a tubular pin mounted on said base and aligning with the opening therein to provide means for inserting a cord therethrough, a standard rising from said base, a hinged plate on the upper end of said standard, and a leg depending from the outer portion of the said plate and engaging the upper end of the tubular pin, substantially as described.

2. A paper-file consisting of a base with an opening therein, a standard on said base, a plate hinged to said standard and having on its hinged portion a recess, a spring secured at one end to the standard and having its free end adapted to engage in said recess, a leg on said plate, and a hollow pin on the base, said parts being combined substantially as described.

FRANKLIN S. COOLEY.

Witnesses:

CHAS. R. HOSKINS,
FRANK. R. WELSH.