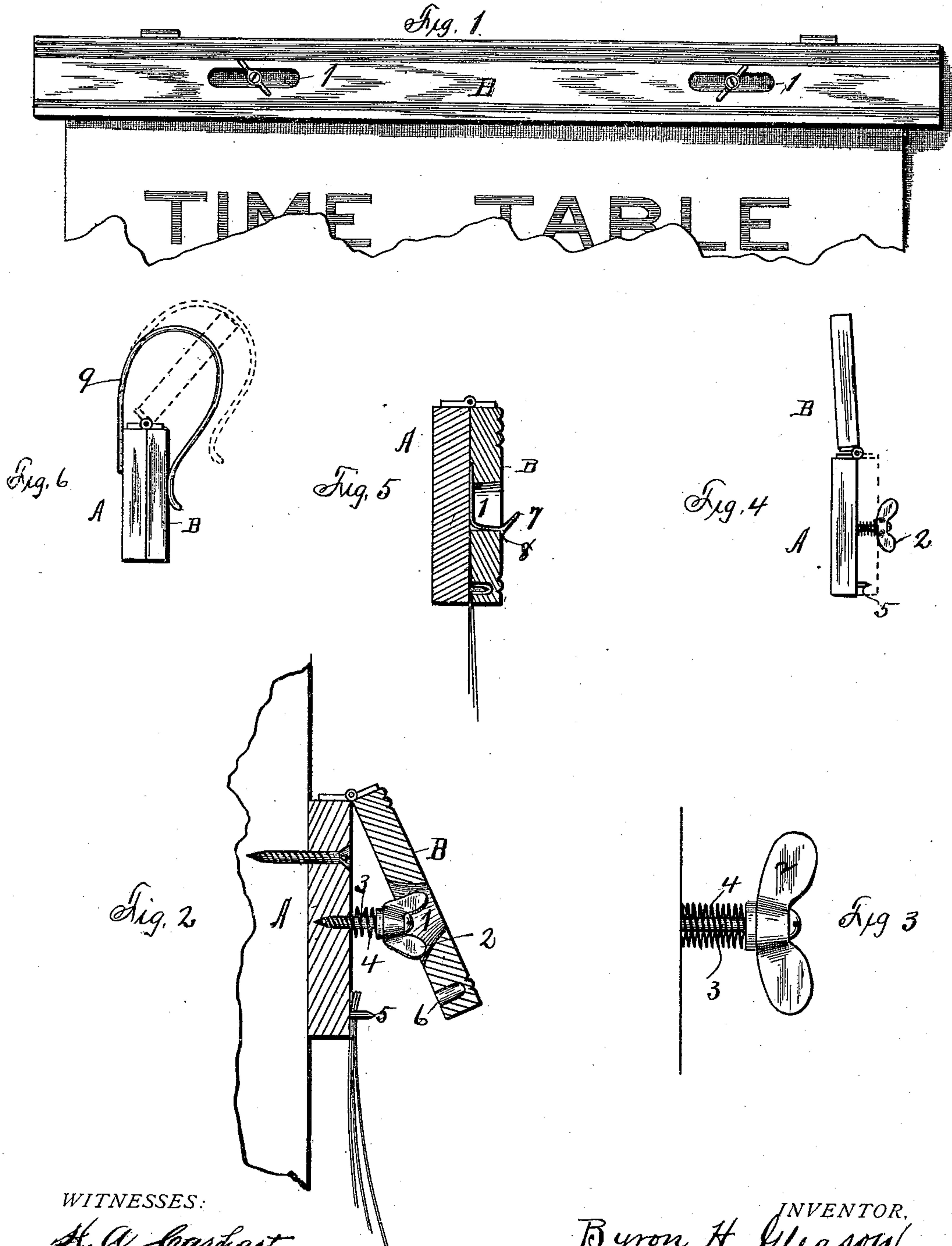


(No Model.)

B. H. GLEASON.  
BILL FILE.

No. 464,127.

Patented Dec. 1, 1891.



WITNESSES:

*H. A. Carhart*  
*C. B. Kinnel*

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BY

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ATTORNEYS

# UNITED STATES PATENT OFFICE.

BYRON H. GLEASON, OF CANASTOTA, NEW YORK.

## BILL-FILE.

SPECIFICATION forming part of Letters Patent No. 464,127, dated December 1, 1891.

Application filed September 3, 1891. Serial No. 404,633. (No model.)

*To all whom it may concern:*

Be it known that I, BYRON H. GLEASON, of Canastota, in the county of Madison, in the State of New York, have invented new and useful Improvements in Bill-Files, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My invention relates to letter, bill, or paper files.

My object is to produce a device for filing hand-bills, time-tables, or papers of any other description, so that they may be readily hung upon the wall or upon the side of a building for public observation.

My invention consists in the several novel features of construction and operation hereinafter described, and which are specifically set forth in the claims hereunto annexed.

It is constructed as follows, reference being had to the accompanying drawings, in which—

Figure 1 is a face view thereof, showing a time-table suspended, broken away. Fig. 2 is a cross-section thereof, showing the cap partially raised. Fig. 3 is a view of the thumb-screw. Fig. 4 shows an end view of Fig. 1 with the cap thrown upon the base. Fig. 5 is a cross-section of the file, showing an automatic spring for keeping the cap closed. Fig. 6 is another form of spring holding the cap closed or in any raised position, as shown in dotted lines.

Similar letters and figures of reference indicate corresponding parts.

A is the base of the file provided with suitable means for supporting it.

B is a cap loosely secured to the upper side of the base and provided with oblong openings 1, through which the thumb-nut 2 may pass when turned longitudinally therewith.

3 is a post erected in the base and provided with a spiral spring 4 to keep the thumb-nut at the outer end of the post for the purpose of producing a tension between the thumb-nut and the outer head of the post, so that the thumb-nut will always remain in any position to which it is turned.

5 are pins located in the base, upon which

the papers are suspended, and 6 is a recess in the cap for the purpose of receiving the points of the pins when the file is closed.

My invention is operated as follows: The papers are first suspended upon pins 5, the thumb-nut then turned so as to allow the cap to pass down upon the base, the thumb-nuts passing through the opening when the thumb-nuts are turned so as to be substantially at a right angle to the opening. In Fig. 5 I do away with the post and thumb-nut and use an automatic C-shaped spring 7, which is provided with a downwardly-projecting lug 8, which serves to drop over the outer face of the cap and hold the same in the closed position. In Fig. 6 I show a spring 9, which serves to keep the cap closed, and when raised takes the position shown in dotted lines and holds the cap in any raised position desired.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A file consisting of a base, a cap loosely secured thereto and provided with openings, a post provided with a thumb-nut at its outer end, and a spiral spring surrounding the post, said post being mounted in the base, as set forth.

2. A file consisting of a base, a cap loosely secured thereto and provided with openings, a post provided with a thumb-nut at its outer end, and a spiral spring surrounding the post, said post being mounted in the base, and pins mounted in the base, as set forth.

3. A file consisting of a base, a cap loosely secured thereto and provided with openings, a post provided with a thumb-nut at its outer end, a spiral spring surrounding the post, said post being mounted in the base, pins mounted in the base, and a recess located in the cap adapted to receive the points of the pins when the caps are closed.

In witness whereof I have hereunto set my hand this 7th day of March, 1891.

BYRON H. GLEASON.

In presence of—

HOWARD P. DENISON,  
C. W. SMITH.