

J. P. Quarles
Paper File,

Fig 1

102153

PATENTED APR 19 1870

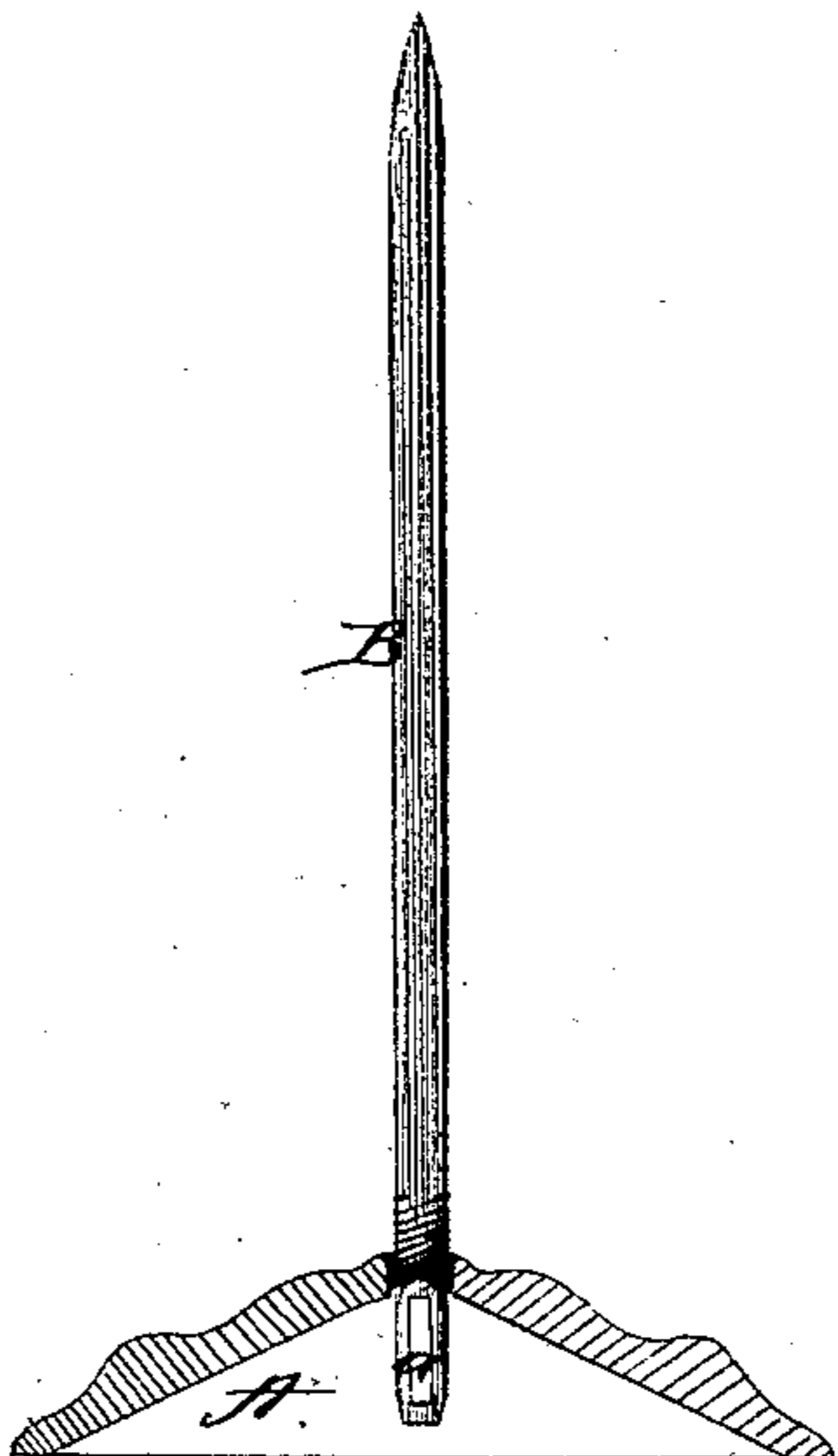
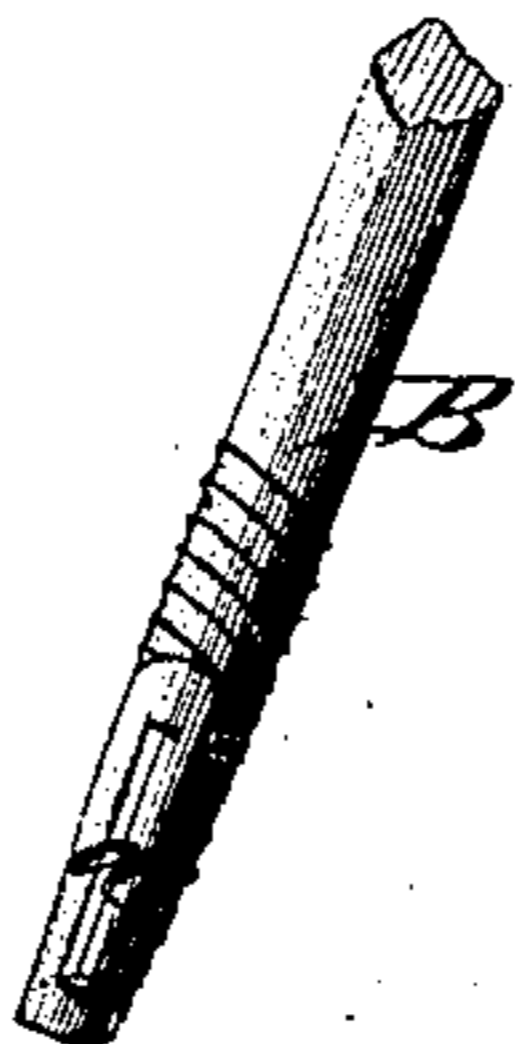


Fig. 2



Witnesses

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Inventor

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per
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United States Patent Office.

JOHN P. QUARLES, OF RICHMOND, VIRGINIA.

Letters Patent No. 102,153, dated April 19, 1870.

IMPROVEMENT IN PAPER-FILES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JOHN P. QUARLES, of Richmond, in the county of Henrico and in the State of Virginia, have invented certain new and useful Improvements in Letter and Bill-Files; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a "bill and paper-file," as will be hereinafter fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a side view of the paper-file, the base being in section; and

Figure 2 is a perspective of the lower end of the rod or wire.

A represents the base or stand of my paper-file, constructed in any suitable manner, and provided in its center with a hole having female screw-threads.

B is the rod or wire upon which the papers are filed, said wire being pointed at its upper end, and at its lower end provided with screw-threads to be screwed into the base A.

In the lower end of the wire is an elongated slot, *a*, as shown in the drawings.

This construction of the bill or memorandum-file is a decided improvement over those now in use, in this, that, whereas they are now made with the base and wire securely fastened together, whereby it is necessary to remove all of the papers filed thereon by slipping them off and then using a large needle and thread to string the same, while in mine the base of the file and the wire are separate, and the latter, shaped like a needle, is secured into the former and can be easily detached. It is, therefore, easily used by inserting the wire B, on which the papers are filed, and, before the papers are removed, putting a string in the eye or slot *a* of the wire on which the papers are filed. They are then pushed off in a solid body upon the string, and easily fastened together, by which needle, time and trouble are avoided.

Having thus fully described my invention,

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

The combination of the base A and rod or wire B, having an eye or slot *a*, when constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand and seal this 14th day of February, 1870.

JOHN P. QUARLES. [L. S.]

Witnesses:

MANN S. QUARLES,
D. A. BAARTH.