

WILLIAM W. MARSTON.

Improvement in Combined Burglar-Alarms and Door-Fasteners.

No. 126,558.

Patented May 7, 1872.

Fig. 1.

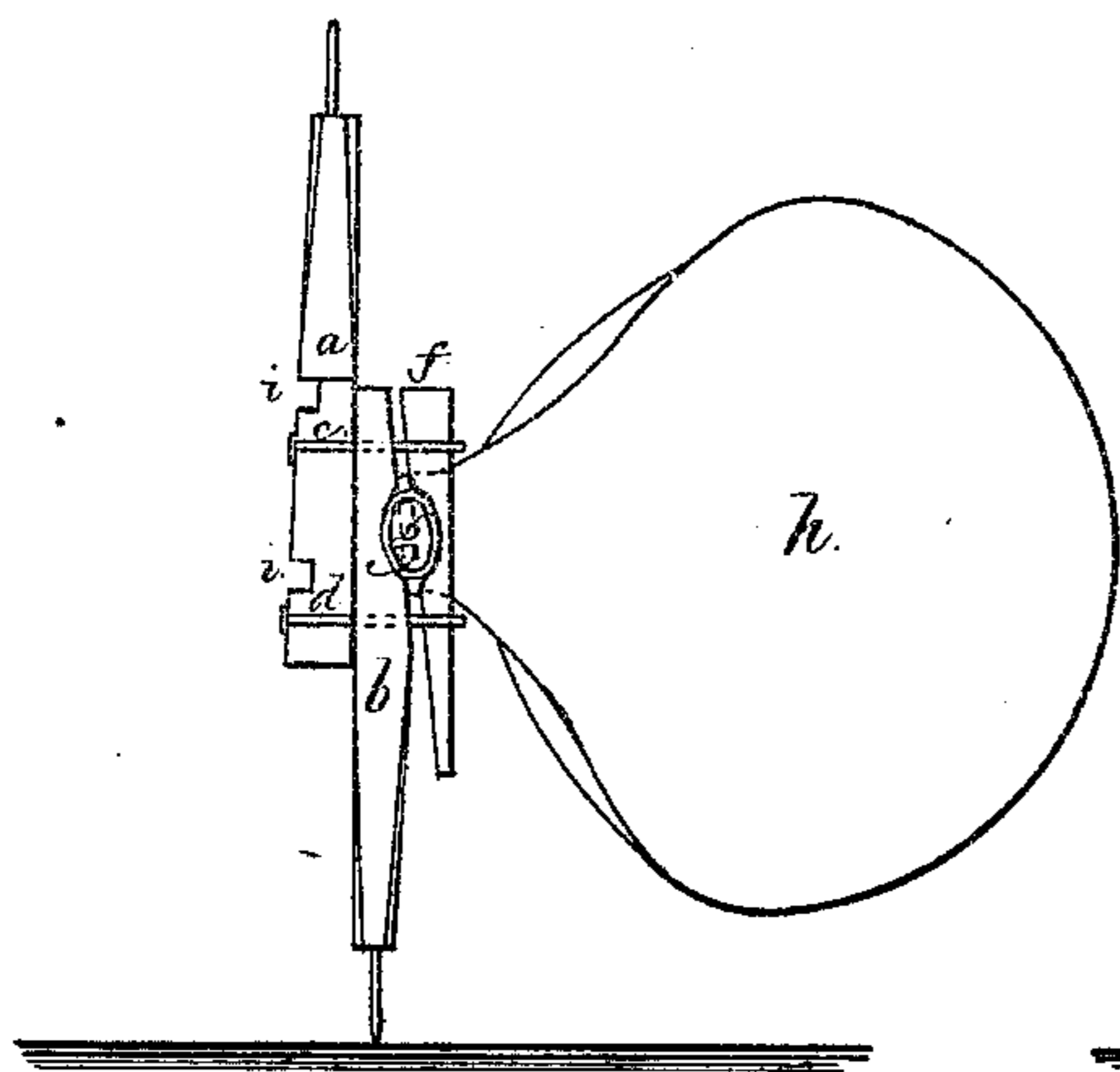
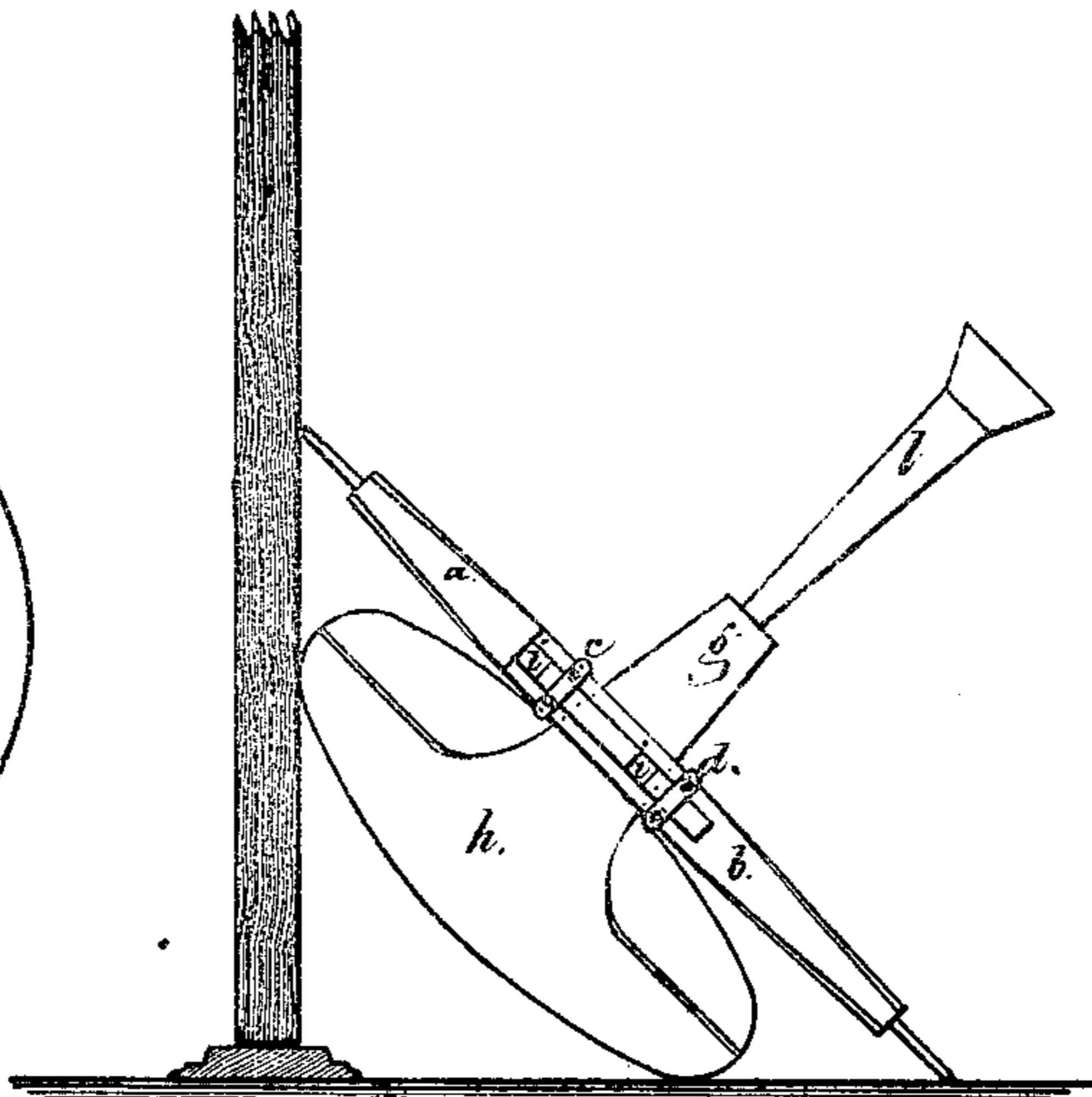


Fig. 2.



Witnesses

Chas. H. Smith
Geo. B. Walker.

Inventor,

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UNITED STATES PATENT OFFICE.

WILLIAM W. MARSTON, OF NEW YORK, N. Y.

IMPROVEMENT IN COMBINED BURGLAR-ALARMS AND DOOR-FASTENERS.

Specification forming part of Letters Patent No. 126,558, dated May 7, 1872.

To all whom it may concern:

Be it known that I, WILLIAM W. MARSTON, of the city and State of New York, have invented an Improved Burglar-Alarm and Door-Fastener, and the following is declared to be a correct description thereof.

This device is made for holding an air bag and whistle or horn in such a manner that the bag will be closed tightly at the neck to retain the compressed air when the alarm is in a normal condition; but so soon as an attempt is made to open the door the neck is liberated, and the expelled air will blow the whistle or horn for a considerable period of time, proportioned to the size of the bag and the pressure of the air. The apparatus still remains operative as a door-fastening.

In the drawing, Figure 1 is a plan of the apparatus complete and ready for use; and Fig. 2 is a side view of the same, as applied to the lower part of a door between that and the floor.

The props *a* and *b* are made with points or sharpened ends, and they are lapped upon each other, as seen in Fig. 1, and pass through loops *c* and *d*, that, preferably, are made of metal. These loops are long enough for the insertion through them of a wedge, *f*, that acts to confine the neck *g* of the air-bag *h*, either between itself and the prop *b*, or else between the props *a* and *b*, and thereby retain the air that is blown into the bag *h*, to distend the

same previous to being confined by the said wedge. *l* is a trumpet or horn, inserted in the neck *g* of the bag *h*.

The strut *a* is made with notches *i i* in one edge, and it will now be apparent that when the parts are set in the position shown the apparatus can be applied diagonally between a door and the floor, or between any other parts, one of which will be moved by a burglar in effecting an entrance, and the motion given will move the strut *a* upon the strut *b*, so that the straps or loops *c d* will slip into the notches *i* and relieve the neck of the air-bag from pressure and allow the horn or whistle to be blown by the escaping air. The fastening still remains in position as a strut, to prevent the door being opened or the alarm stopped; hence a burglar will be most likely to withdraw.

The loops *c d* should pass through holes in the strut *b*, or be guided by notches in its edge for retaining the parts in position, and the notches or shoulders on the strut *a* form stops to limit the motion.

I claim as my invention—

The notched strut *a*, strut *b*, and loops *c d*, in combination with the air-bag, wedge, and alarm horn or whistle, substantially as and for the purposes set forth.

Signed by me this 3d day of April, 1872.

Witnesses: W. W. MARSTON.

GEO. T. PINCKNEY,
CHAS. H. SMITH.