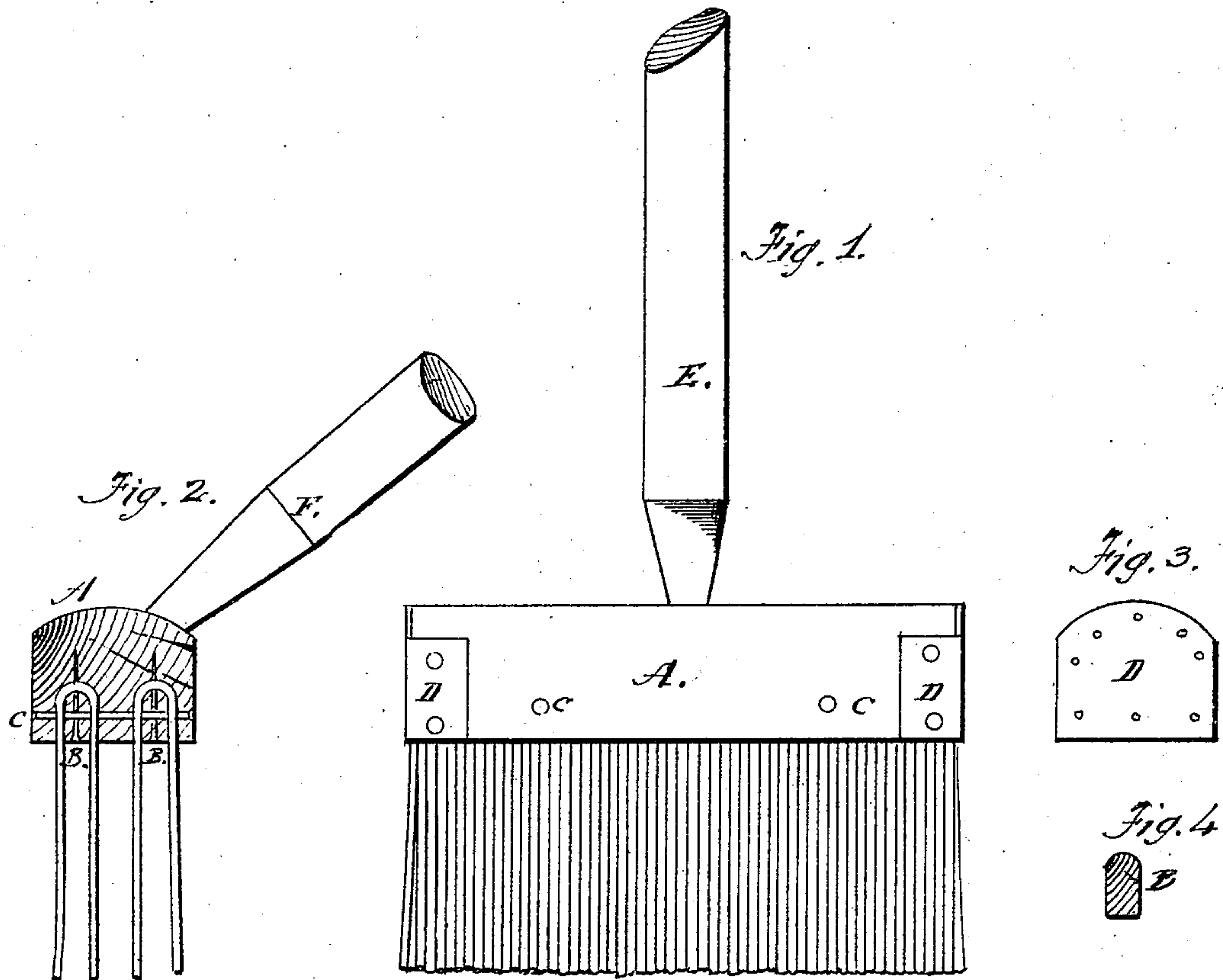


H. Lumbard.

Broom.

N<sup>o</sup> 73107

Patented Jan. 7, 1868.



Witnesses;  
J. B. Tarcher  
J. E. & Co.

Inventor;  
Henry Lumbard

# United States Patent Office.

HENRY LUMBARD, OF CHICAGO, ILLINOIS, ASSIGNOR TO HIMSELF, GEORGE E. GERTS, AND JOHN SCHMIDT, OF THE SAME PLACE.

*Letters Patent No. 73,107, dated January 7, 1868.*

## IMPROVED BROOM.

*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, HENRY LUMBARD, of Chicago, in the county of Cook, and State of Illinois, have invented certain new and useful Improvements in "Street or Stable-Brooms;" and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is the elevation of the brush,

Figure 2 is the section of the block, and

Figure 3 is the end elevation of the block.

The object of my invention is to secure the reed, cane, bass, rattan, or any other suitable substances, that can be conveniently used for street or stable-brooms, in the block in a perfect manner, as will be hereinafter fully explained.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

One, two, or more grooves, *a a*, with bottom of a semicircular shape, are made in the block A, and the reeds, cane, or other suitable substances are passed over the wedges B B, arranged so as to fit the grooves *a a*, and the wedges, with the reeds on them, are driven tight into the grooves, two or more rivets, C C, passing through the block A and the wedges B B, thus securing these to the block. Beside these, there are screws or nails driven through said wedges into the block.

To render the block capable to withstand wear and tear, metallic plates D D are put at its ends, with flaps covering the sharp angles, and the whole being securely fastened to the block. E is a handle.

It is evident that it is impossible for the reeds of this broom to fall out, as is often the case with ordinary brooms, in which reeds are put in bunches into the block and secured by cement only. Here the reeds may break off, but not drop out.

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

The arrangement of the reeds on the wedges B B, and the manner of securing them to the block A by means of said wedges, substantially as and in the manner herein set forth.

In combination with the above, I claim the rivets C C and plates D D, arranged as described and specified.

HENRY LUMBARD.

Witnesses:

JAS. R. HAYDEN,

J. B. TURCHING.