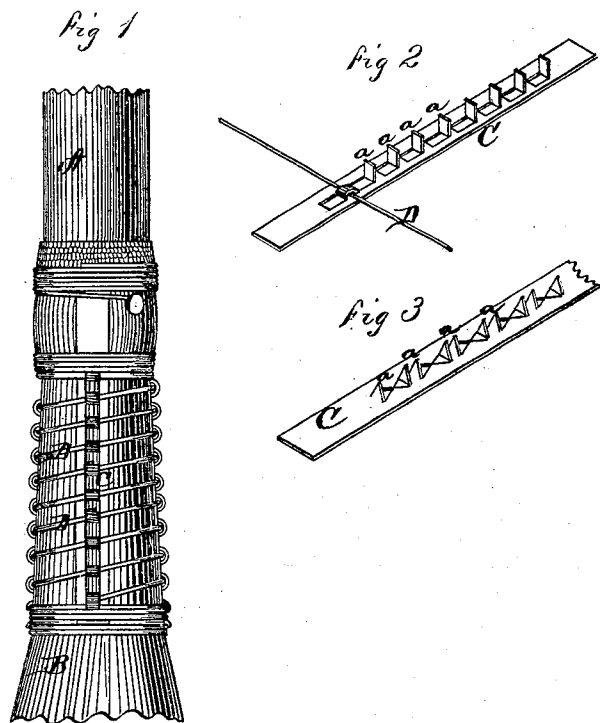


J. D. BLOOD.

Improvement in Brooms.

No. 129,089.

Patented July 16, 1872.



Witnesses:
Frank L. Durand.
C. L. Ewert.

Inventor.
Jno. A. Blood
per Alexander Mason
Attorneys.

UNITED STATES PATENT OFFICE.

JOHN D. BLOOD, OF AMSTERDAM, NEW YORK.

IMPROVEMENT IN BROOMS.

Specification forming part of Letters Patent No. 129,089, dated July 16, 1872.

To all whom it may concern:

Be it known that I, JOHN D. BLOOD, of Amsterdam, in the county of Montgomery and in the State of New York, have invented certain new and useful Improvements in the Manufacture of Brooms and Brushes; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in a metallic brace-braid for brooms and brushes, cut or stamped out with a series of tongues, which are turned up and clinched over the wires, as will be hereinafter more 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 drawing, in which—

Figure 1 is a side view of the upper part of a broom or brush having my metallic brace-braid, and Figs. 2 and 3 are perspective views of the metallic brace-braids.

A represents the handle, and B the broom-corn, of which a broom or brush is made. C represents the metallic brace-braid, made of a piece of sheet metal of suitable length and width, which is cut or stamped out so as to form a series of tongues, *a a*. These tongues may be square, as shown in Fig. 2, or three-

cornered, as shown in Fig. 3, or of any other desired shape, and turned outward. The brace-braids thus made are placed lengthwise on the broom-corn B at the lower part of the handle, and the wire D wound around the same in the usual manner to secure the broom-corn to the handle. The wire is wound, as shown in Fig. 1, between the tongues *a a*, and said tongues are turned and clinched over the wires, thus holding the same the proper distance apart, and preventing them slipping. The tongues *a a* may, as above described, be of any desired shape, and they may be made to turn up or down over the wire, or one up and one down, or in any other suitable manner to clinch the wire.

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

The metallic brace-braid C, having a series of tongues, *a a*, cut, stamped, or otherwise formed with it, which tongues are to be turned over to clinch the wire, substantially as herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 3d day of June, 1872.

JOHN D. BLOOD.

Witnesses:

J. W. VERBECK,
GEO. S. DEVENDORF.