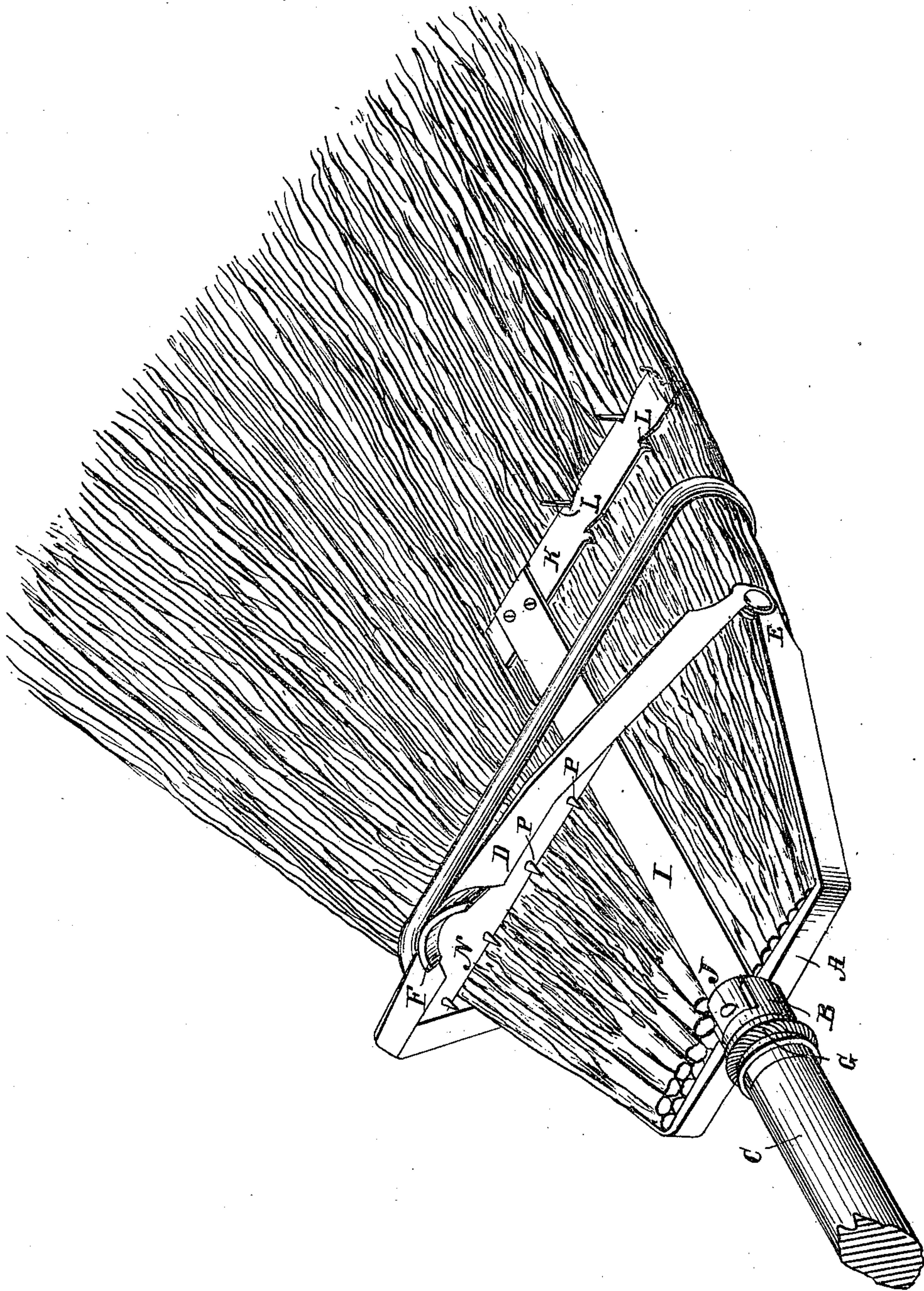


C. T. MOORE.

Broom.

No. 9,160.

Patented July 27, 1852.



UNITED STATES PATENT OFFICE.

CYRUS T. MOORE, OF CONCORD, NEW HAMPSHIRE, ASSIGNOR TO FRIEND S. NOYES.

BROOM.

Specification of Letters Patent No. 9,160, dated July 27, 1852.

To all whom it may concern:

Be it known that I, CYRUS T. MOORE, of Concord, in the county of Merrimack and State of New Hampshire, have invented certain new and useful Improvemnts in Brooms, Brushes, &c.; and I do hereby declare that the same is described in the following specification and accompanying drawing.

10 The nature of my invention consists in making a clasp something like those in common use for bags and purses; the plates in which form the sides being made wide and furnished with spurs to aid in holding the
15 material in the clasp which is to constitute the broom; and in making a socket upon the clasp to receive the handle which passes through it and receives the end of a spring which extends beyond the clasp and has a
20 cross fastened to it which is slit upon each side in several places and also in each end, and the portions slit off are turned out each way to form spurs to aid in holding the brush or other material in the required position; also in making a projection upon one
25 part of the clasp to fit a space made to receive it in the socket of the other part; so that when the clasp is closed a ring upon the socket is slipped down over the projection
30 and holds the clasp together; and further in a hoop either with or without spurs in it to hold the brush together below the clasp which hoop may be placed above, upon or below the cross upon the spring as may be
35 required.

To enable others skilled in the art to make my improved broom I will proceed to describe the best mode of constructing it, referring to the drawing above mentioned
40 which represents a perspective view of a broom, with the handle broken off, and the clasp—which secures the brush open, and about one fourth of the brush removed so as to show its construction more fully.

45 I make a jointed clasp in form and shape somewhat resembling those in common use for bags and purses; one part of which clasp is represented at A with a socket B made with or fastened to it in which the handle C
50 is inserted and fastened. D is the other part of the clasp connected to A by hinge joints one of which is seen at E, and has a circular projection F upon it which fits into a space made to receive it in the socket B so
55 that when the clasp is closed the ring G upon the socket B is shoved over the pro-

jection F to hold the clasp together. The handle C is inserted into the socket B and a slit made across the end to receive the end of the spring I which is inserted in it, and the
60 socket, handle and spring are all fastened together by the rivet J which passes through each of them. A piece of iron K is fastened across the end of the spring I which piece K is slit at each end, and in several places
65 upon each edge, and the points formed by the slits are bent at right angles in each direction to form the spurs LL to aid in securing the brush and hold it properly.

The elongated ring M is made of a size
70 and form to hold the brush together at a proper distance below the clasp. Each part of the clasp A and D is made with a plate N extending across between the legs which plates are provided with spurs P P to aid in
75 securing the brush in the clasp.

The clasp and other parts having been prepared as above described and placed in the position with regard to each other, in which they are represented in the drawing,
80 and a proper quantity of brush or other material is placed around the spring I and cross K within the ring and clasp when the clasp is closed and the ring G slipped over the projection F to hold it together and
85 secure and fasten the brush; when the ring M may be moved to, or placed in such a position upon the brush, or other material used as will best adapt the broom to the service to which is to be applied.
90

I contemplate that the above described clasp and cross or, the clasp without the cross, may be advantageously used to hold various kinds of materials to form brooms
95 brushes fans &c., shucks or husks of corn, straw of various kinds, grass or splints of wood, or even wire &c. also hair, feathers &c. Also that the spurs to hold such materials in place may be upon the ring M instead of the cross or upon both if necessary.
100 And further that when the broomcorn straw or other material which constitutes the brushing part of the broom is worn out the clasp can be opened and a new supply put in and the clasp closed so that the users can
105 have new brooms at any time by taking out the old materials and putting new into the clasp and thus get a new broom at a small cost of time and materials.

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

1. Securing the material of the broom by

means of a clasp having its jaws hinged at the extremities E and fastened together at the socket B or some equivalent device substantially as herein set forth.

5 2. A spring or springs whether placed as herein described inside of the brush or material composing the broom or otherwise, so as to operate in substantially the same manner.

10 3. The cross fastened to the spring with

spurs or otherwise in combination with the hoop to hold the brush or other material in its proper place as described.

In testimony whereof, I have hereunto signed my name before two subscribing witnesses. 15

CYRUS T. MOORE.

Witnesses:

ASA FOWLER,

JOHN B. SANBORN.