

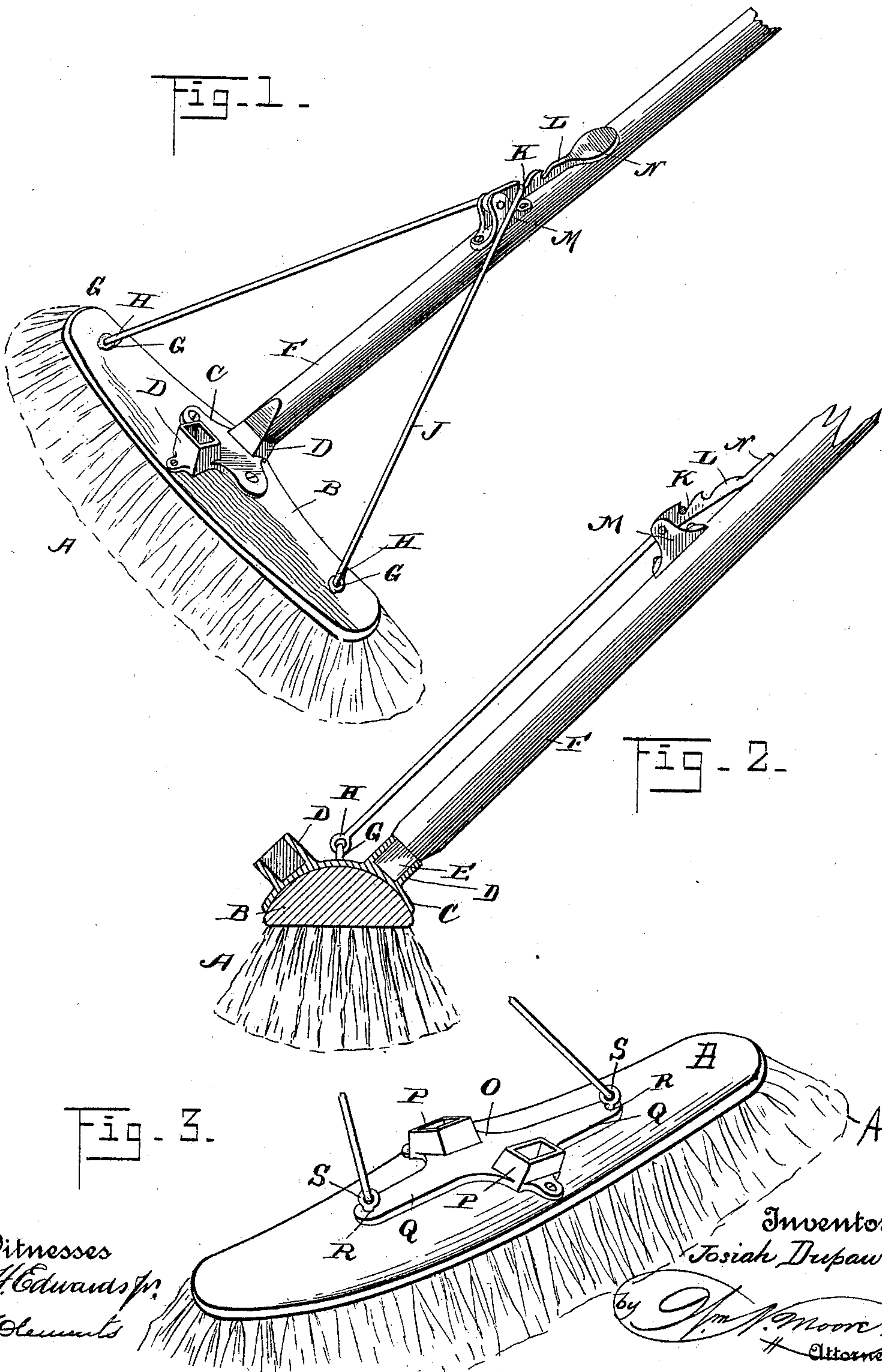
No. 619,252.

Patented Feb. 7, 1899.

J. DUPAW.
BRUSH HANDLE.

(Application filed June 4, 1898.)

(No Model.)



Witnesses
W. H. Edwards Jr.
G. C. Clements

Inventor
Josiah Dupaw.

by J. M. Moore,
Attorney

UNITED STATES PATENT OFFICE.

JOSIAH DUPAW, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR TO
ELLA D. CROSS, OF SAME PLACE.

BRUSH-HANDLE.

SPECIFICATION forming part of Letters Patent No. 619,252, dated February 7, 1899.

Application filed June 4, 1898. Serial No. 682,558. (No model.)

To all whom it may concern:

Be it known that I, JOSIAH DUPAW, a citizen of the United States of America, and a resident of Washington, in the District of Columbia, have invented certain new and useful Improvements in Brush-Handles, of which the following is a specification.

My invention relates to improvements in brush-handles, and has particular reference to a detachable handle for use upon brushes, brooms, mops, or the like.

One object of my invention is the provision of a handle which can be easily applied and removed from the brush-head, which when applied will hold the brush firm and rigid under all conditions, and which will prevent splitting of the back of the brush.

Another object of my invention is the provision of a brush-handle which will be adjustable or changeable to permit of the brush being used on both edges or sides in order that the brush may wear evenly.

Another object of my invention is the provision of a handle which will hold the brush in the proper position and which in the event of the end of the handle being broken can be adjusted to fit the handle when shortened.

Another object of my invention is the provision of a handle having attachments which will be the embodiment of simplicity, durability, and inexpensiveness and thoroughly practical and efficient.

To attain the desired objects the invention consists of a handle embodying novel features of construction and combination of parts, substantially as disclosed herein.

Figure 1 represents a perspective view of a brush equipped with my improvement. Fig. 2 represents a vertical central sectional view thereof, and Fig. 3 represents a perspective view of a modified form of my invention.

In the drawings, A designates a brush such as used for sweeping, having the usual back or frame B, to which is connected the casting C, having the square or rectangular boxes D, arranged at an opposite angle, forming rectangular sockets or recesses to receive the squared end E of the handle or staff F. From this construction it is evident that the squared end of the handle will fit snugly in either of the boxes of the casting and permit

either side of the brush to be used in order that the brush will wear evenly and insure the best results.

To the back of the brush are secured hooks or eyes G, with which engage the hooked lower ends H of the bail J, whose upper closed end is engaged by the kerfs or notches K in the lever L, which is pivoted to the plate M, secured upon the staff or handle, and said lever is provided with the handle or finger-piece N to permit of easy manipulation of said lever.

In the modified form of my invention the plate or casting O, carrying the boxes or sockets P, is provided with wings Q, having openings R to receive the hooks or eyes S, to which the lower ends of the bail are connected.

From the foregoing it will be apparent that the lower end of the handle fits snugly in one of the boxes or sockets and the bail is engaged by the lever, forming a safe and firm connection between the handle and brush; also, that either of the sockets may be connected to the end of the handle; also, that the handle cannot possibly work loose or become detached; also, that in the event of the end of the handle breaking the notches of the securing-lever will permit the connection of the handle by taking up the shortage, and that the construction is simple, inexpensive, durable, and practical.

I would here state that I am aware that it is old to provide the back of a brush with a casting having oppositely-arranged screw-threaded sockets to receive a threaded stem on the handle or staff, as also to provide the back of a brush with a casting having sockets to receive a hook on the end of the handle; but these constructions are both defective in that when the brush is subjected to hard usage the fastening becomes detached, and the brush becomes loose or falls off in consequence thereof. It is the aim of my invention to overcome these defects which I have found by experience, and my invention consists in the combination, with the angular sockets, of the staff or handle and a locking-bail.

I claim—

1. The combination of the brush carrying a plate formed with angular sockets, of a staff or handle having the lower angular end con-

5 structed to fit in either of said sockets, a bail connected to the brush at its lower ends, and a locking-lever carried by the handle for engaging the bail and securing the brush to the staff or handle.

10 2. The combination of the brush, the plate connected to the brush and having the oppositely-inclined boxes or sockets, the handle or staff having its lower end fitting in either of said sockets or boxes, a hand-lever fulcrumed upon said handle and having a

notch or notches, and a bail having its lower ends connected to the brush and its upper closed end engaged by one of said notches of the hand-lever for securing the handle to the brush. 15

Signed by me, at Washington, District of Columbia, this 28th day of May, 1898.

JOSIAH DUPAW.

Witnesses:

WM. N. MOORE,

CHAS. E. RIORDON.