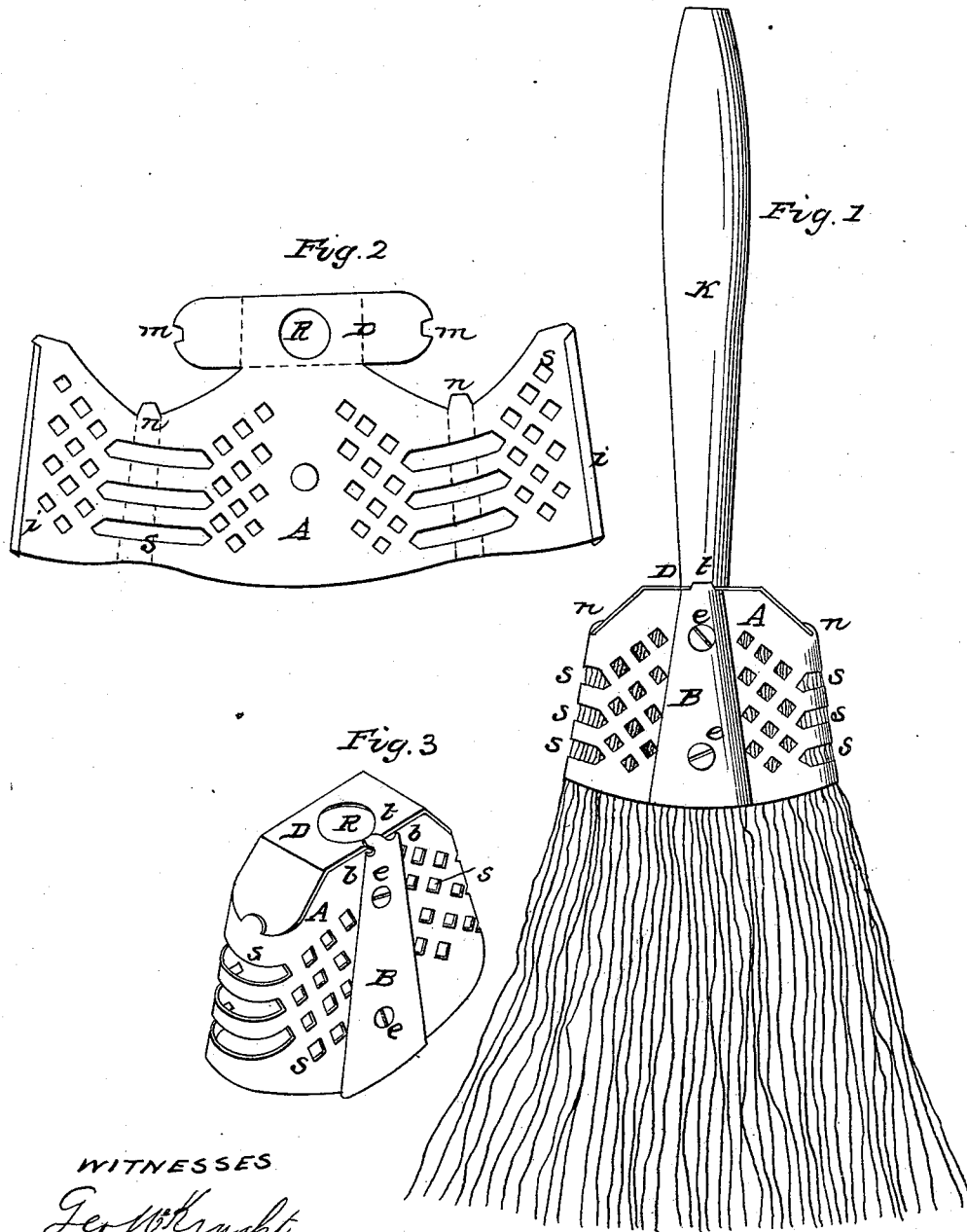


J. A. MILLER.

Broom Head.

No. 50,610.

Patented Oct. 24, 1865.



WITNESSES

Ger. W. Wright
James G. Layman.

INVENTOR

John A. Miller

UNITED STATES PATENT OFFICE.

JOHN A. MILLER, OF SOMERVILLE, OHIO.

BROOM-HEAD.

Specification forming part of Letters Patent No. 50,610, dated October 24, 1865.

To all whom it may concern:

Be it known that I, JOHN A. MILLER, of Somerville, Butler county, Ohio, have invented a new and useful Metallic Broom-Head; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

My invention relates to a simple, cheap, effective, and very light head clamp or wrapper which, consisting wholly of sheet metal and of common wood-screws, can readily be made by any tinsmith or other worker in sheet metal, and which enables every man to refill his own brooms without the aid of tools or machinery, except a common screw-driver.

Figure 1 is a side elevation of a complete broom with my improved head. Fig. 2 represents the extended band or wrapper. Fig. 3 is a perspective view of the head complete.

A represents a peculiarly-formed piece of tin-plate or other sheet metal stamped with a projecting cap, D, having a circular aperture, R, for the insertion of a wooden handle, K, and nicks M, which receive lips N in the operation of closing together the wrapper.

Perforations S, stamped from the outer side and having their bars left on, assist to hold the wisps, and also serve both to tighten and to ornament the head.

The wrapper A has flanges *i* at its ends, to receive the flanges *b* on a wedge-formed strip, which I call the "locking-slide," B. The upper end of the locking-slide B has a lip, *t*, to be bent over the edge of the cap D when the latter has been folded down to its place, as in Figs. 1 and 3.

The wrapper A and locking-slide B are perforated for a number of wood-screws, *e*.

From the above description of parts it will be seen that it is a very easy matter to lay the wrapper with handle in it on a table or bench, lay in the wisps, as many as will fill up, then slip on the lock-slide B, commencing at top with the wide end foremost, then screw the wood screws *e* through the head into the handle, and the broom is complete.

I claim as a new and valuable article of manufacture for the use of farmers and others—

The sheet-metal head A D R *m m n n*, furnished with flanges *i*, to receive a lock-slide, B *b*, substantially as set forth.

JOHN A. MILLER.

Witnesses:

DAVID POTTS,
JOSEPH BOWYER.