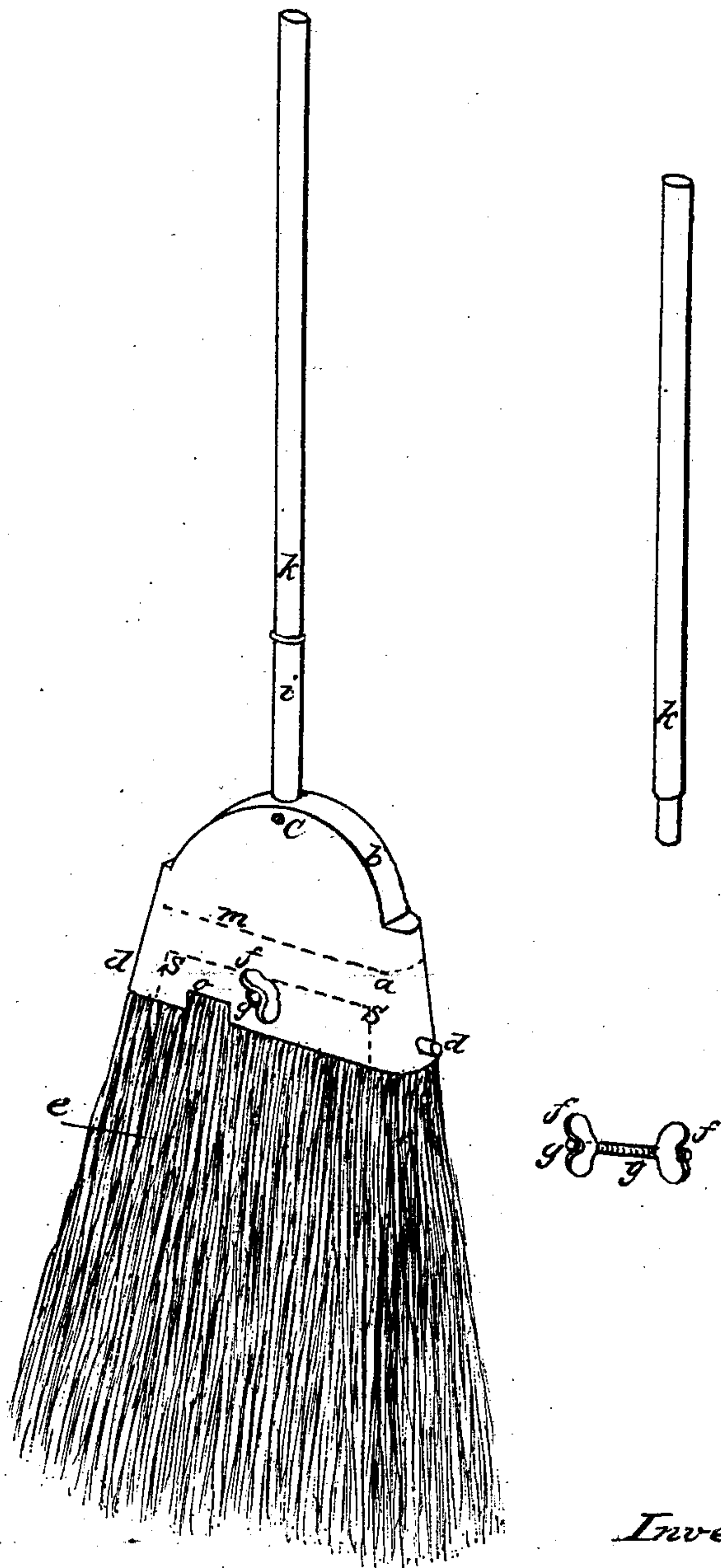


WISNER & ROSE.

Broom Head.

No. 69,884.

Patented Oct. 15, 1867.



Witnesses:
Geo. Foster
J. H. Palmer

Inventor:
Timothy Rose
John Wisner

United States Patent Office.

JOEL WISNER, OF AURORA, AND TIMOTHY ROSE, OF CORTLANDVILLE,
NEW YORK.

Letters Patent No. 69,884, dated October 15, 1867.

IMPROVED BROOM-HEAD.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, JOEL WISNER, of Aurora, in the county of Erie, in the State of New York, and TIMOTHY ROSE, of Cortlandville, in the county of Cortland, and State aforesaid, have invented a new and useful Improvement in the Manufacturing of Brooms; and we do hereby declare that the following is a full, clear, and exact description of such improvement, reference being had to the annexed drawings, which are made a part of this specification.

a is a tin case, for holding the brush or corn. At the upper end of this is fitted a wooden block, *b*, held in place by a screw at *c*, and extending down into such case to the point represented by the dotted line *m*. *i* is a portion of the broom-handle, which may be a part of the block *b*, or a separate handle inserted into the said block. *g* is a bolt, passing through the case, with a thumb-screw, *f*, upon each end. Upon the inside of the case, on either side of the broom, is placed an extra plate of tin or metal, as shown at *o*, and covering a space indicated by the dotted lines *s s*. After the brush is put in, which is done by simply laying in sufficient to fill the case *a*, the bolt *g* is put in, and the thumb-screws screwed down; then conical pins *d d*, long enough to pass by each other in the centre of the broom, are driven in through holes for that purpose in the case. The bolt *g*, by having a thumb-screw upon each end, may be screwed down very closely, and still the ends of the bolt be guarded from catching upon clothing, which is a great disadvantage of the bolt with but a single screw-end. The extra plate on the sides and within the case gives firmness to the case, and the pins *d d* act like wedges when driven in, and hold the brush in connection with the bolt *g* firmly in place, without cord or wire or any other aid. Upon the handle *i* is a metal tube extending beyond and above the handle *i*, forming a socket, into which the other portion of the handle *k* is fitted, thus forming a compound handle, which is readily disconnected or put together, as the exigencies of transportation or use may require.

What we claim, and desire to secure by Letters Patent, is—

The combination of the screw-bolt *g* with thumb-screw upon each end, and the side or conical pins *d d* with the metal cap or case for holding the brush or corn, as above described, and for the purpose set forth.

TIMOTHY ROSE,
JOEL WISNER.

Witnesses:

CHAS. FOSTER,
J. H. PALMER.