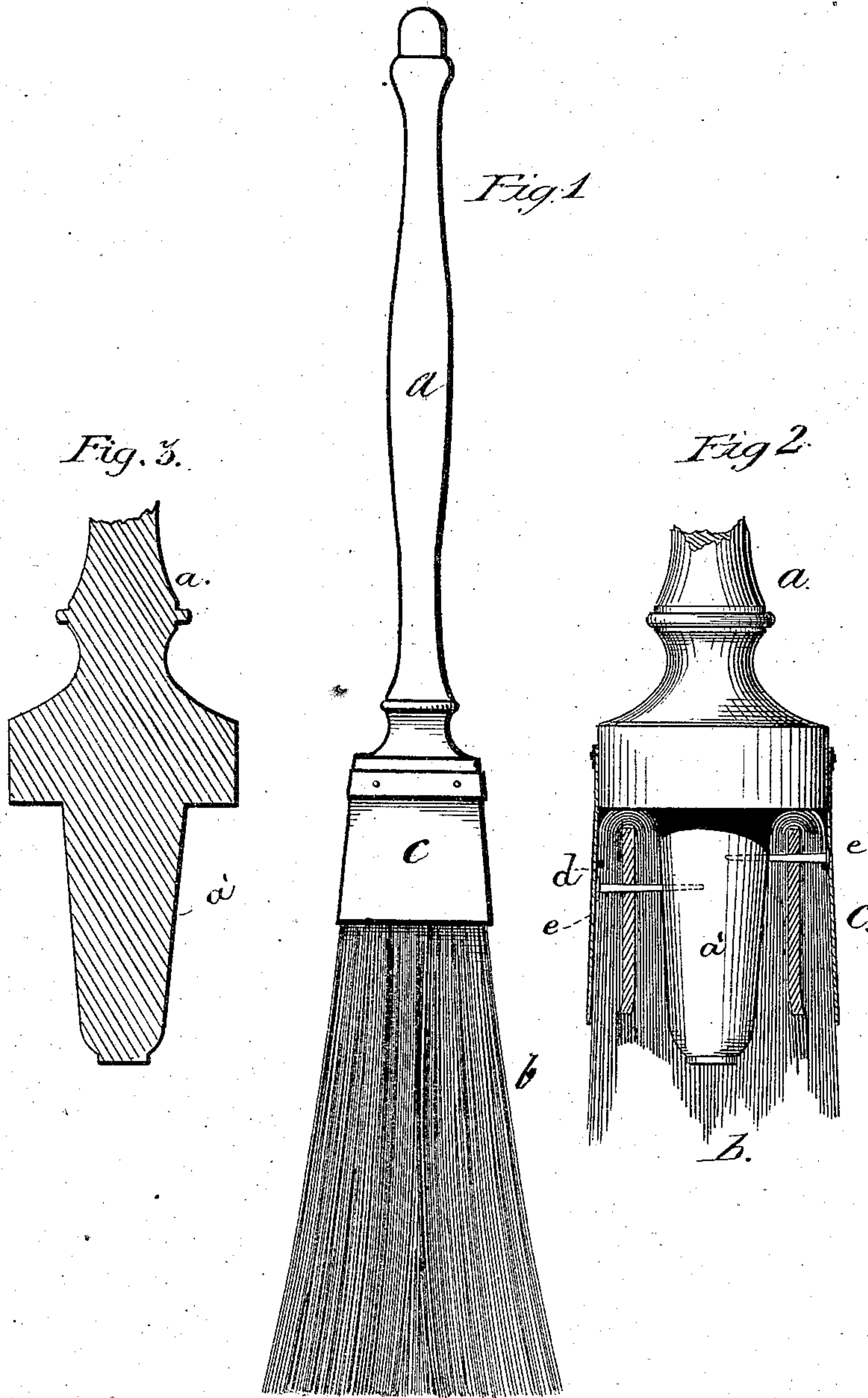


O. GRISWOLD.
Furniture-Duster.

No. 163,311.

Patented May 18, 1875.



Witnesses.

Wm. H. Rice.
Jeremy W. Bliss

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Ogden Griswold

UNITED STATES PATENT OFFICE.

OGDEN GRISWOLD, OF HARTFORD, CONNECTICUT.

IMPROVEMENT IN FURNITURE-DUSTERS.

Specification forming part of Letters Patent No. **163,311**, dated May 18, 1875; application filed October 9, 1874.

To all whom it may concern:

Be it known that I, OGDEN GRISWOLD, of the city and county of Hartford and State of Connecticut, have invented or produced a certain new and useful Improvement in the Manufacture of Furniture-Dusters; and to enable others skilled in the art to make and use the same, I will proceed to describe this invention in detail, referring to the drawing, in which letters of reference are marked.

In the accompanying drawing, in Figure 1, is shown a side view of my improved duster. Fig. 2 is a vertical central section, showing the end of the handle, the fiber, and the band. Fig. 3 is a detail in section, showing the dowel end of the handle enlarged. *a* is the handle. *b* is the manila fiber. *c* is the finishing-band. The fiber is first cut twice the required length for a duster; then the desired quantity to form a duster is inserted through a sheet-metal band, *d*, to nearly the center of the length of the fiber; then the fiber is spread open, closely or nearly to the center of the band, and the dowel *a'* of the handle is forced or driven through the material and closely to the band as may be; then the other portion of the fiber is doubled over upon the other and secured firmly by a metal or other band, *d'*, and fastened by nails *e* to the dowel of the handle, and a finishing-band, *c*, of leather, is secured over the base. In other words, this duster is made much in the common way of

making dusters. After the duster is put together I subject the end of the fiber to abrasion or a softening process, after which that condition is secured or retained by use.

The object of this improvement is to produce a superior article for removing dust from the surface or from crevices, or carved intricate molding work, which it is impossible to do effectually with those now in use; also, to produce a more durable duster. This duster will accomplish more and outlast six or more feather dusters, or of the various other kinds of dusters. Thus, by the substitution or employment of manila fiber in this manner, I am enabled to produce a very superior article for a duster, which will execute effectually what cannot be accomplished by other dusters now in use, and a duster far more durable than those now in use, and cheaper of manufacture.

I claim—

As a new article of manufacture the duster herein described, composed of the wooden handle *a a'*, manila fiber *b*, metal binding-band *d*, and overlapping band *d'*, nail *e*, and finish-band *c*, all constructed and combined in the manner and for the purposes set forth.

OGDEN GRISWOLD. [L. S.]

Witnesses :

WAYNE H. RICE,
JEREMY W. BLISS.