B. F. Gott,

Wash Board.

No. 95,792. Patented Oct. 12. 1869.

Fig. 1.

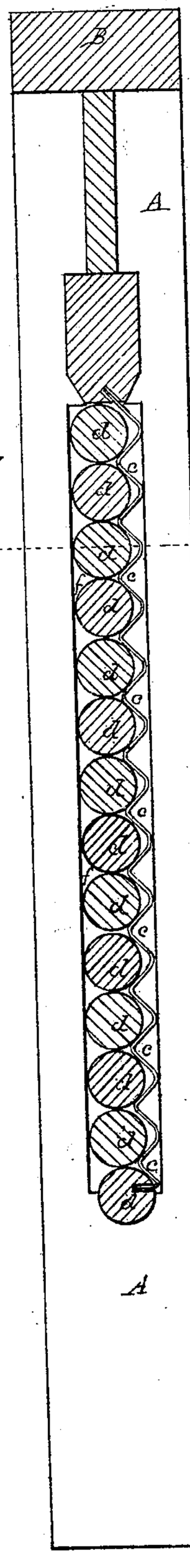
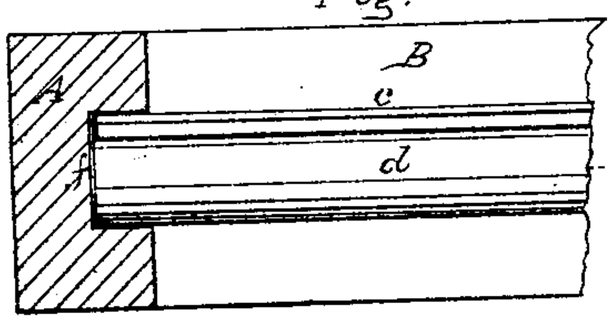
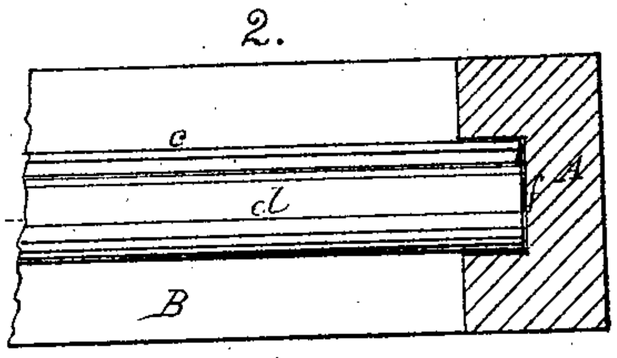


Fig.



2.



Witnesses:

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Letters Patent No. 95,792, *dated October* 12, 1869.

IMPROVED WASH-BOARD.

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

I, BENJAMIN F. GOTT, of Brooklyn, E. D., in the county of Kings, and State of New York, have invented certain Improvements in Wash-Boards, of which the following is a specification.

My invention relates to that class of wash-boards which has a rubbing-surface of sheet-metal on one side, and of wood upon the other; and

It consists in forming the wood portion of a series of cylindrical sections, which serve both as a support for the corrugated sheet-metal face, and as an independent rubbing-surface of an improved character.

The ordinary zinc wash-boards require that the metal should be supported at the back, which is usually done by a board, so inserted in the frame, back of the sheet-metal, that the latter receives support by contact therewith.

Owing to the frequent change of condition, from wet to dry, to which it is subjected by use, this board or back is liable to warp, split, and become loose in the frame, thus failing to serve its purpose, and frequently rendering the implement useless.

It is the object of my improvement to obviate these defects, which is effectually done by making the supporting-back to consist of several transverse rods lying in contact, their ends held in grooves in the side-pieces of the frame, instead of a single board or panel, so that whatever expansion or contraction occurs in each rod or section, affects only that one, and each being independent of the other, the back entire cannot warp or spring, or affect the stability of the frame, and the metal portion cannot fail to be adequately supported in all its parts.

As represented in the drawings—

Figure 1 is a vertical section, and

Figure 2, a transverse section on the dotted line of fig. 1, in which—

A A are the side frame-pieces, and

B, the top,

c c, the corrugated-metal face, and

d d, the sectional back, constructed, as previously described, of cylindrical rods, preferably of a size adapted so that each may lie in a corrugation of the sheet-metal.

These sections are held in place by their ends resting in the groove *f f* of the frame, and in addition to the before-mentioned advantage of preventing warping and splitting, they serve to support the metal portion in a better manner than the plain back, in consequence of each filling, or nearly so, the flutes or furrows of the reverse side, thus enabling thinner metal to be used, and thereby saving expense.

The wood sections also form an excellent washing-surface for some fabrics, which is more effectual than the ordinary form of fluted-wood wash-board, because the sections present each a semi-cylindrical surface, and the interstices between are much smaller, in consequence of which there is an increase of twenty-five per cent., or more, of friction-surface in the same area.

As the cost of making, by the aid of suitable machinery, the rods which compose the sectional back, is no greater than the fluting of a solid panel of the same size, a far superior and more durable implement is produced by this mode of construction, without increased cost.

I claim, as my invention—

A wash-board, formed with a back composed of cylindrical sections *d d*, in combination with the ordinary fluted metallic surface *c*, substantially as herein shown and described.

In witness whereof, I have hereunto signed my name, in the presence of two subscribing witnesses.

B. F. GOTT.

Witnesses:

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J. FRASER.