

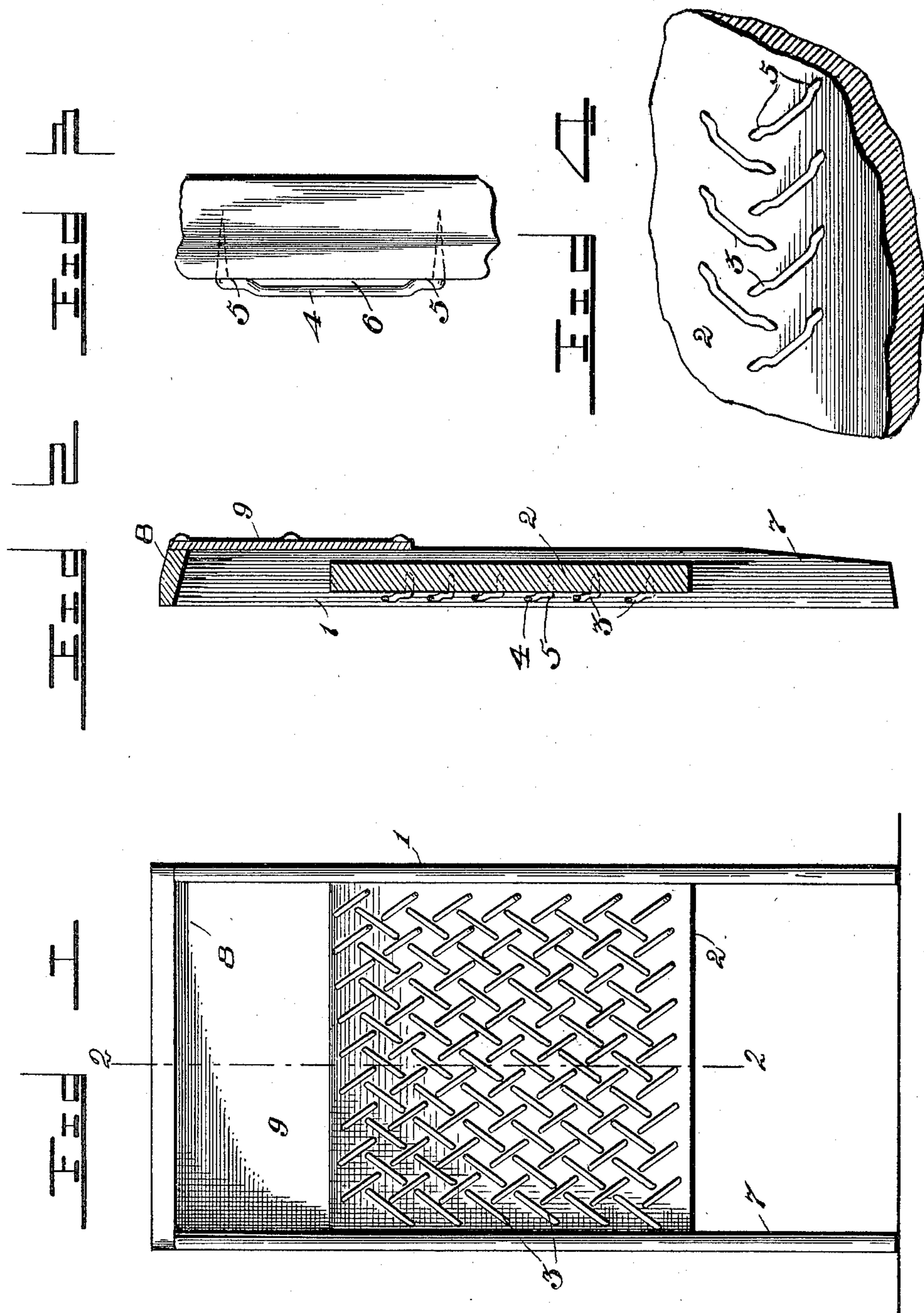
No. 634,877.

Patented Oct. 17, 1899.

J. CARROLL.
WASHBOARD.

(Application filed July 13, 1899.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN CARROLL, OF CANISTEO, NEW YORK.

WASHBOARD.

SPECIFICATION forming part of Letters Patent No. 634,877, dated October 17, 1899.

Application filed July 13, 1899. Serial No. 723,723. (No model.)

To all whom it may concern:

Be it known that I, JOHN CARROLL, a citizen of the United States, residing at Canisteo, in the county of Steuben and State of New York, have invented a new and useful Washboard, of which the following is a specification.

The invention relates to improvements in washboards.

The object of the present invention is to improve the construction of washboards, more especially those which have their rubbing-surfaces formed by wires or staples, and to provide a simple, inexpensive, and efficient one in which the staples forming the rubbing-surface will be arranged to cause a minimum amount of jar to the hands of the operator, and to provide spaces or passages for the water and dirt to prevent the latter from accumulating around the staples and from being thereby rubbed into the clothes.

The invention consists in the construction and novel combination and arrangement of parts, hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings, Figure 1 is an elevation of a washboard constructed in accordance with this invention. Fig. 2 is a sectional view on line 2 2 of Fig. 1. Fig. 3 is a detail view illustrating the construction and arrangement of the staples. Fig. 4 is a detail perspective view of a portion of the rubbing-surface of the washboard.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates the frame of a washboard, having a base-board or back 2, provided with a rubbing-surface consisting of staples 3, arranged at an angle to each other, as clearly shown in Fig. 1 of the accompanying drawings, and the said staples, which have a general direction diagonally of the base-board, are spaced apart to permit water and dirt to flow freely around their ends. The inclination or angular disposition of the staples which form the rubbing-surface of the washboard relieves the hands of the operator of much of the jar which is experienced when the rubbing-surface is formed by staples disposed transversely of the board and presenting abrupt or positive shoulders.

In order to prevent dirt from accumulating

around the staples and being worked into clothes and other fabrics, each staple has its outer portion 4 angularly bent at its ends to provide bearing portions 5 and to offset the intermediate portion to form a space or passage 6 between the same and the face of the base-board. By this construction dirt and water are permitted to pass through the staples as well as around the ends thereof, and there is no liability of dirt accumulating around the staples and of being rubbed into the clothes.

The frame of the washboard, which may be constructed in any suitable manner, is preferably composed of side bars 7, a top connecting-bar 8, and a backing 9, which is spaced from the upper portion of the base-board, as illustrated in Fig. 2 of the accompanying drawings. The terminals of the staples are preferably tapered and are embedded in the base-board, as clearly illustrated in Fig. 3 of the accompanying drawings.

It will be seen that the rubbing-surface of the washboard is simple and comparatively inexpensive in construction, that it is strong and durable, and that the staples are constructed and arranged to relieve the hands of the operator of jar and to cause the dirt and water to flow through them, as well as around their ends, to prevent the former from accumulating around the staples and becoming rubbed into the clothes or other fabrics being washed.

Changes in the form, proportion, size, and the minor details of construction within the scope of the appended claim may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

What is claimed is—

A washboard having a base-board or back, and provided with a rubbing-surface consisting of staples mounted on the base-board or back and having their outer portions offset between their ends to provide spaces or passages for water and dirt, substantially described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JOHN CARROLL.

Witnesses:

ALMON W. BURRELL,
NICHOLAS WEYNAND.