

(No Model.)

2 Sheets—Sheet 1.

R. P. BROOKS.
WASHING MACHINE.

No. 548,293.

Patented Oct. 22, 1895.

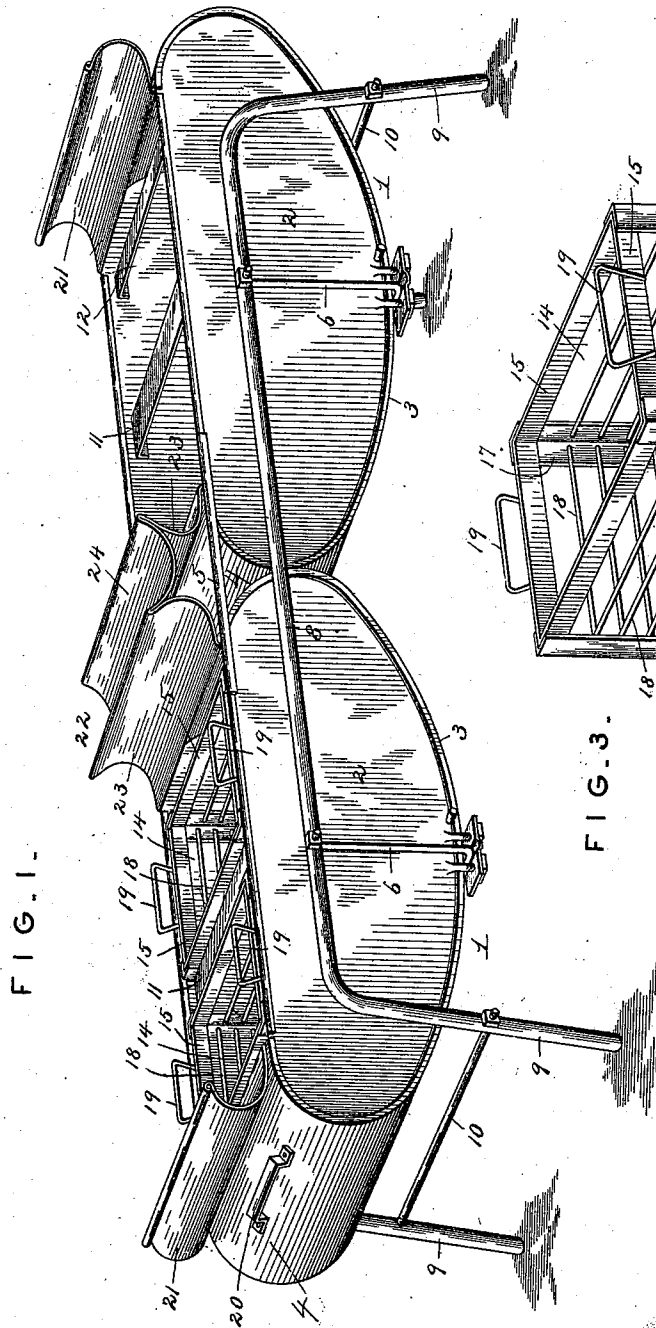


FIG. 1.

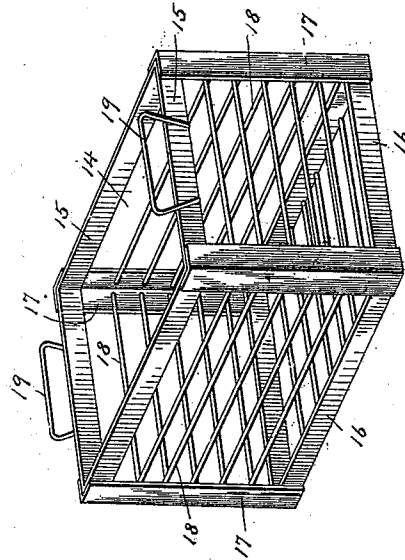


FIG. 3.

Witnesses

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(No Model.)

2 Sheets—Sheet 2.

R. P. BROOKS.
WASHING MACHINE.

No. 548,293.

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FIG. 2.

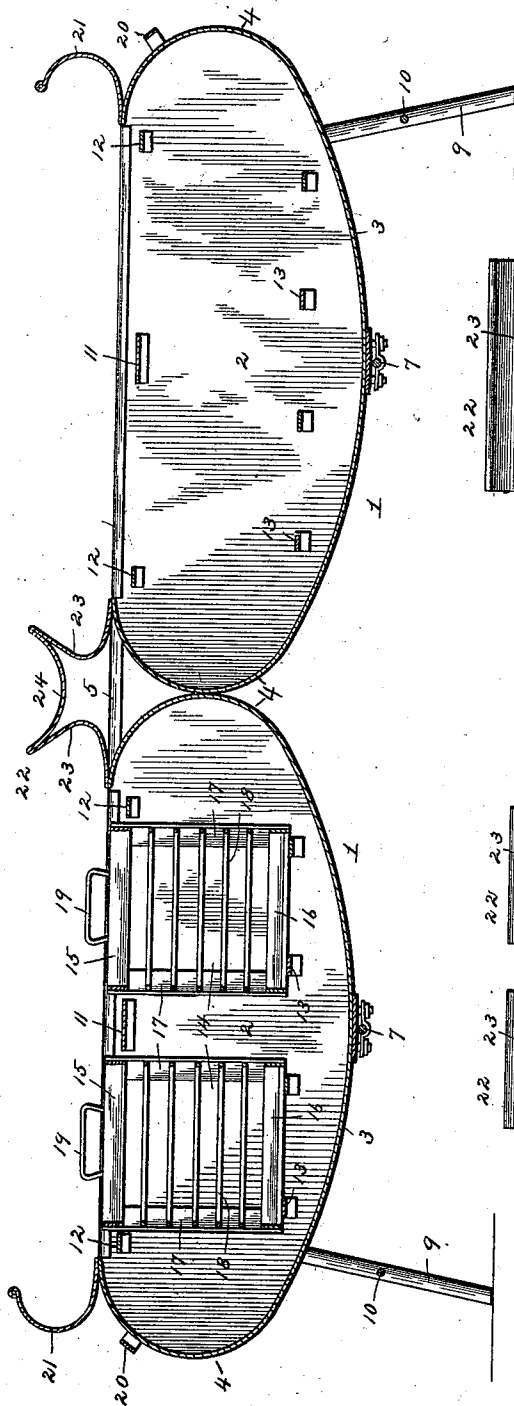


FIG. 5.

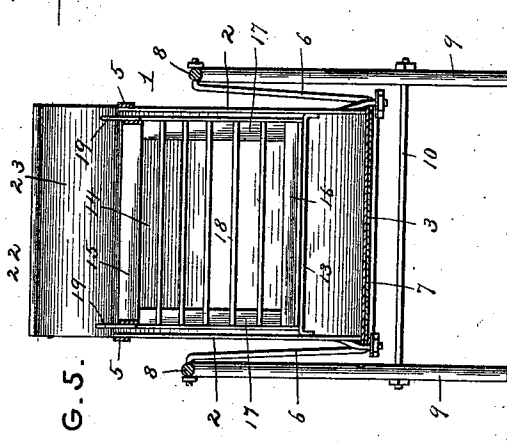
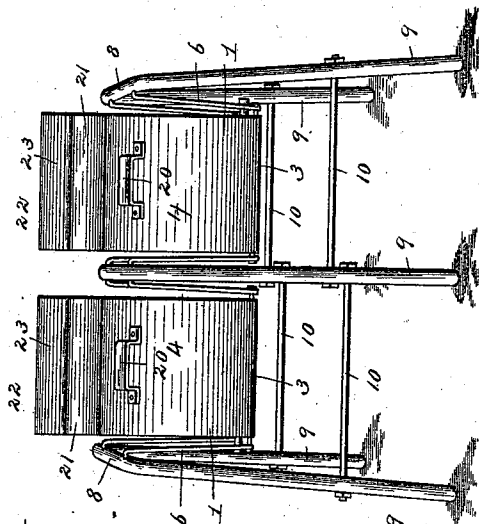


FIG. 4.



Witnesses

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Inventor

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UNITED STATES PATENT OFFICE.

RICHARD P. BROOKS, OF BRYAN, TEXAS.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 548,293, dated October 22, 1895.

Application filed September 7, 1894. Serial No. 522,381. (No model.)

To all whom it may concern:

Be it known that I, RICHARD P. BROOKS, a citizen of the United States, residing at Bryan, in the county of Brazos and State of Texas, have invented a new and useful Washing-Machine, of which the following is a specification.

The invention relates to improvements in washing-machines.

The object of the present invention is to improve the construction of washing-machines and to provide a simple and inexpensive one capable of rapidly and thoroughly washing clothes and dishes at the expenditure of a minimum amount of labor.

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 claims hereto appended.

In the drawings, Figure 1 is a perspective view of a washing-machine constructed in accordance with this invention. Fig. 2 is a central longitudinal sectional view of the same. Fig. 3 is a detail perspective view of one of the clothes or dish receiving baskets. Fig. 4 is a perspective view of a washing-machine, illustrating a modification of the invention. Fig. 5 is a transverse sectional view.

Like numerals of reference indicate like parts in all the figures of the drawings.

1 1 designate similar washing-machine bodies, which may be secured together and arranged longitudinally to operate simultaneously, as illustrated in Figs. 1 and 2 of the accompanying drawings, but which may, as illustrated in Fig. 4, be arranged side by side and be adapted to swing independently, or only a single body can be employed, if desired. Each body is constructed of sheet metal or similar material, and consists of similar sides 2 and a curved bottom 3, extended upward and secured to the sides to form curved ends 4. The longitudinally-disposed bodies are secured together at their adjacent ends by connecting pieces or bars 5, and they are supported by rectangular bails 6, having transverse portions 7, extending beneath the bottoms of the bodies and arranged in suitable bearings thereof. The bails have vertical sides located on the exterior of the bodies and hingedly connected and depend-

ing from horizontal side bars 8 of a supporting-frame, whereby the bodies are adapted to oscillate.

The supporting-frame is composed of the said horizontal side bars 8, legs 9, which are preferably formed integral with the side bars, and horizontal cross-pieces 10, connecting the legs below the oscillating bodies.

Within the bodies are arranged a central top cross-bar 11, opposite end bars 12, and lower parallel transversely-disposed supporting-bars 13, arranged in pairs and having resting upon them removable baskets 14, which are open at the sides and bottom to form a cage to permit the water within the body to pass readily through them for the purpose of cleaning their contents. The baskets are two in number and are arranged between the central transverse bar 11 and the end transverse bars 12, and are securely held in that position above the bottom of the body, and they are adapted to be readily transferred from one body to the other during the process of washing.

Each cage consists of a rectangular or cubical frame composed of horizontal top and bottom bars 15 and 16 and vertically-disposed angle corner-bars 17, connecting the upper and lower bars, and to the frame are secured horizontal wires or rods 18, whereby an open basket is provided. The baskets are adapted to receive dishes or clothes. They are provided at opposite sides with handles 19, and they are placed first within one body, which is designed to contain hot water and suds. During the oscillation of the body the water rushes through the baskets and removes the foreign particles, and by locating the baskets above the bottom of the body the action of the water is intensified. As will readily be seen, the rounded ends of the body cause the water to pour through the baskets and quickly remove the foreign matter from dishes, clothes, and the like. After being subjected to the action of the hot water and suds the baskets are transferred to the other body, which is designed to contain hot water, and dishes will receive from the latter sufficient heat to readily dry themselves after being removed from the second washing-machine body. This enables dishes especially to be

washed with great rapidity and to be dried without the hands of the operator coming in contact with them.

The water within the washing-machine bodies is designed to be maintained in a heated condition, and any suitable form of heating apparatus may be arranged beneath the bodies for that purpose.

The ends of the bodies are provided with operating-handles 20, and to avoid water splashing outside of the washing-machine bodies curved fenders 21 are located at the outer ends of the bodies and are disposed transversely thereof, as shown, while at their adjacent inner ends a double fender 22 is arranged. The double fender consists of the opposite concavely-curved sides 23 and an upper curved connecting portion 24, which extends over the space between the adjacent ends of the bodies and prevents water from gaining access to the same.

The fenders are located above the bodies, and their curved portions are substantially semicylindrical.

It will be seen that the washing-machine is simple and comparatively inexpensive in construction, that it is positive and reliable in its operation, and that it is capable of rapidly and thoroughly washing dishes and clothes without wearing, tearing, or otherwise injuring the fabrics, and without the hands of the operator coming in contact with the dishes during the operation of washing.

It will also be seen that the wiping of dishes after washing is dispensed with, and that they will dry themselves after removal from the second washing-machine body.

Changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention, such as arranging the two bodies in

alignment or placing them side by side or employing only one body. Each body is provided with a drain-opening to enable the liquid contents to be readily discharged when desired.

What I claim is—

1. In a washing machine, the combination of an oscillating body open at the top, the inner and outer transverse bars 11 and 12 arranged at the top of the body and forming basket openings, the removable open-work baskets arranged in said basket openings and depending from the top of the body and conforming to the configuration of said openings, and the transverse supporting-bars 13 arranged in pairs and holding the baskets rigidly in position and supporting the same above the bottom of the body, substantially as described.

2. In a washing machine, the combination of a supporting frame, a pair of longitudinally-disposed washing-machine bodies secured together and mounted in the frame, the transversely-disposed upward-extending curved end-fenders located at the outer ends of the bodies, and the centrally-arranged double fender having the oppositely-disposed concavely-curved side portions and the depressed, curved upper connecting portion located over the adjacent ends of the bodies, all of the curved portions of said fenders being located above the latter, and being substantially semi-cylindrical, substantially as described.

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

RICHARD P. BROOKS.

Witnesses:

A. C. S. HILL,
J. H. MAWHONNEY.