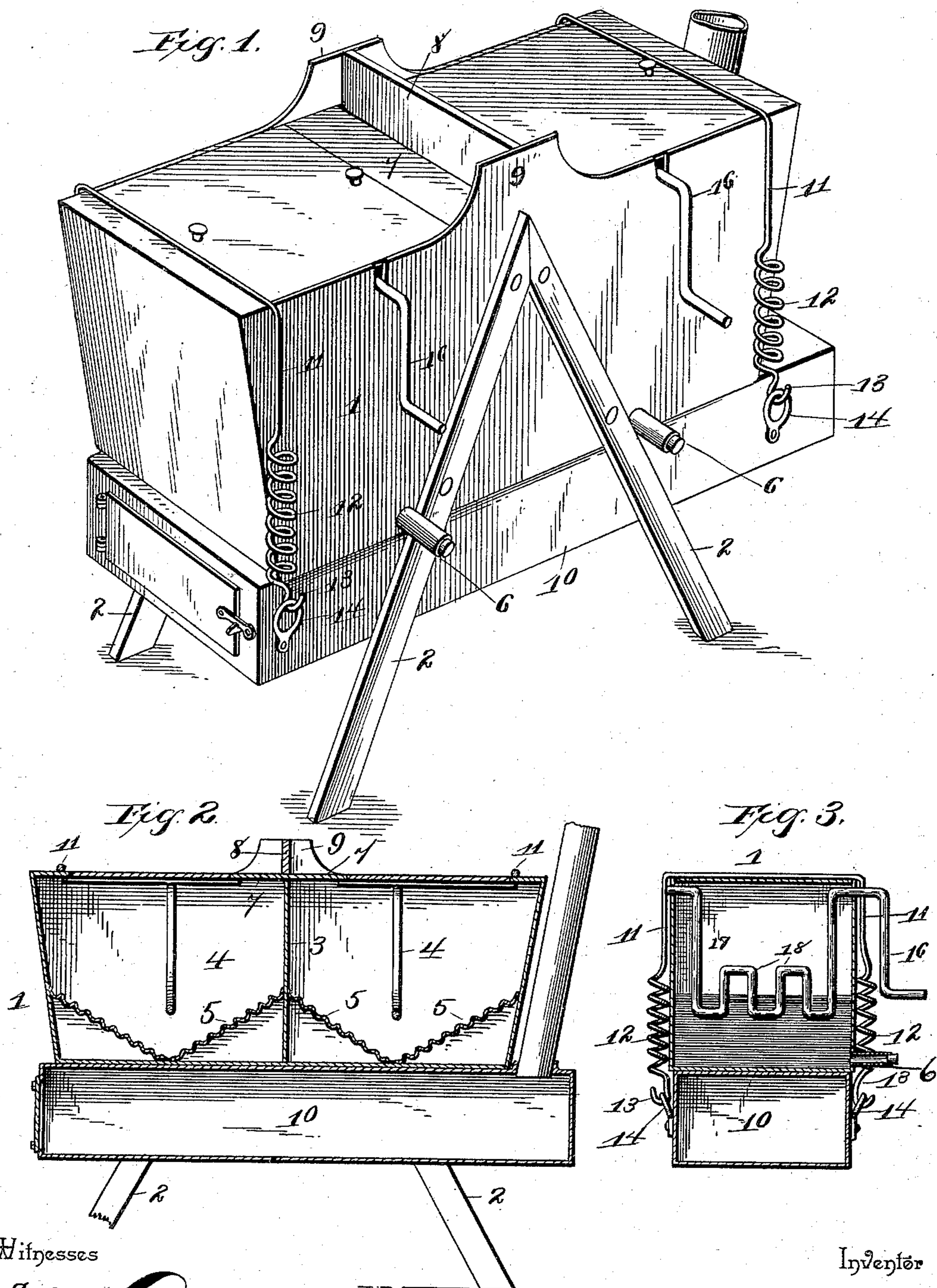


(No Model.)

J. H. CONNER.  
WASHING MACHINE.

No. 493,685.

Patented Mar. 21, 1893.



Witnesses

*E. H. Hurdman*  
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# UNITED STATES PATENT OFFICE

JOSHUA HARLEY CONNER, OF ITASCA, TEXAS.

## WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 493,685, dated March 21, 1893.

Application filed April 27, 1892. Serial No. 430,818. (No model.)

*To all whom it may concern:*

Be it known that I, JOSHUA HARLEY CONNER, a citizen of the United States, residing at Itasca, in the county of Hill 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.

10 The object of the present invention is to improve the construction of washing machines, and to provide one which will greatly facilitate the operation of washing.

15 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.

20 In the drawings—Figure 1 is a perspective view of a washing machine embodying the invention. Fig. 2 is a longitudinal sectional view. Fig. 3 is a cross sectional view.

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

25 1 designates a washing-machine body, constructed of sheet-metal and supported by inclined legs 2, and provided with a central vertical transverse partition 3, which forms two wash-tubs 4 of the body. Each wash-tub 4 is 30 provided at its bottom with the inclined rubbing-faces 5, forming a central gutter, and each tub is provided at one side with a discharge-opening 6, by means of which the water may be emptied. At the top of the tub is arranged 35 a centrally-disposed horizontal wringer-board 7, provided with a central flange 8, to which a wringer may be readily secured, and having end-flanges 9. The water in the tubs of the body is heated by means of a fire-box 10, arranged beneath the bottom of the body and 40 detachably secured to the same by bails 11, which terminate in springs 12, and the latter are provided at their lower ends with hooks 13, engaging eyes 14 of the fire-box. The 45 bails are arranged near the ends of the body

and the fire-box is provided at each end with a pair of the eyes 14 arranged on opposite sides of the body. By employing the two tubs, water in one may be heating while the other tub is being used for washing. After the clothes 50 have been introduced into one tub and have been partially washed and the water in this tub has become saturated with dirt, the clothes may be taken from this tub and placed in the other tub, and the washing continued without interruption, the water in the first tub being 55 drained off and fresh water being supplied, which will be heated while the clothes are being operated upon in the second tub.

It will be seen that the washing machine is 60 simple and comparatively inexpensive in construction, and that by it the operation of washing is greatly facilitated.

Each tub of the body is provided with an oscillating clothes carrier which is journaled in 65 bearing recesses at the upper edges at the sides of the body, and consists of a rectangular portion 17 arranged within the tub and a handle 16 arranged on the outside of the body at one side of the same. The rectangular portion 17 is provided with a series of bends 18, 70 and is adapted to cause the clothes being washed to move over the rubbing surface 5.

What I claim is—

In a washing machine, the combination of 75 a sheet-metal body having a transverse partition forming two tubs and provided with rubbing-boards, a fire-box arranged beneath the body and provided at each end with a pair of eyes, and bails arranged at the ends of the 80 body and passing over the latter and terminating in springs provided with hooks engaging said eyes, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in 85 the presence of two witnesses.

JOSHUA HARLEY CONNER.

Witnesses:

J. E. CLARKE,

A. W. WEATHERRE.