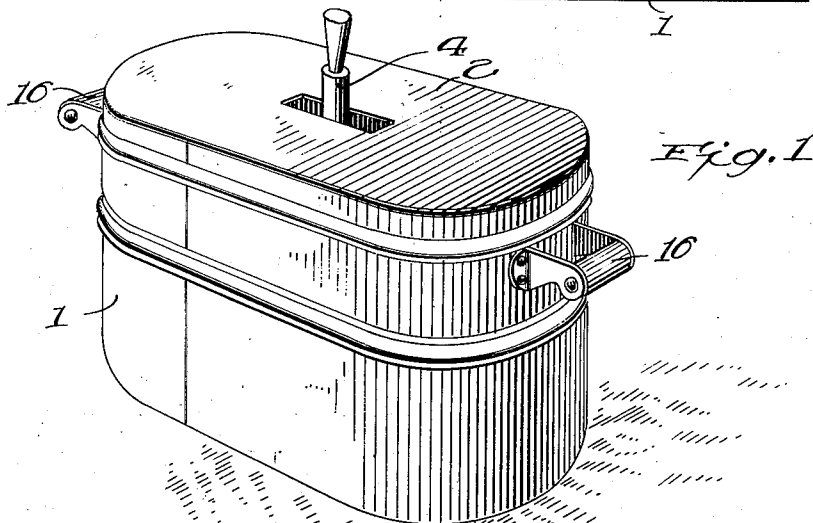
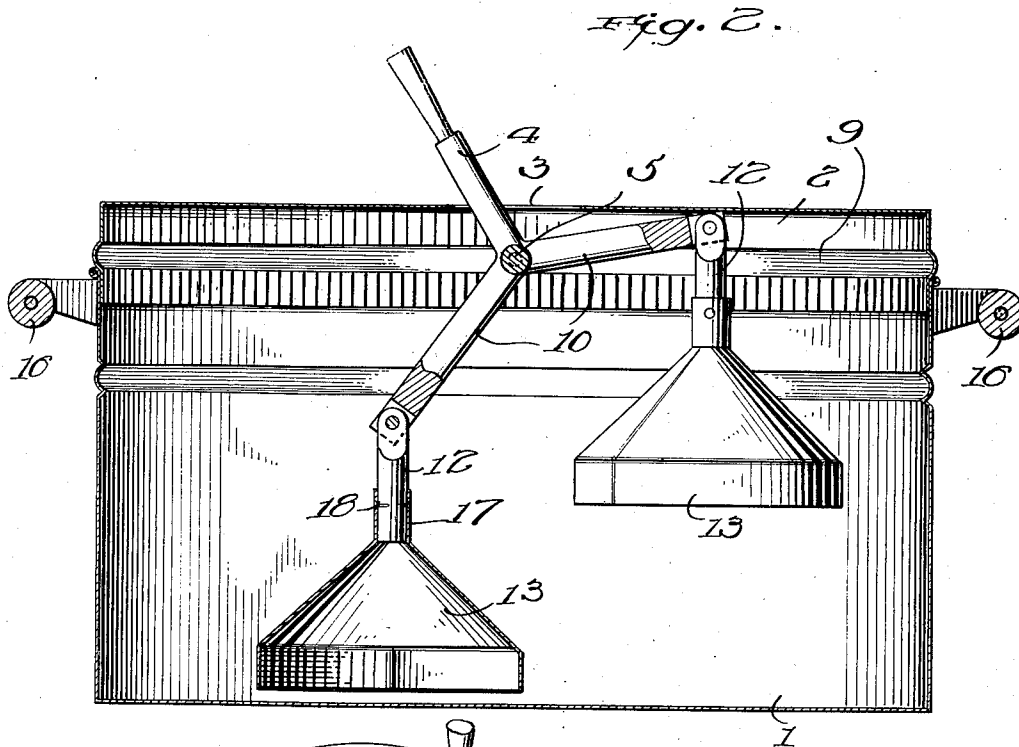


G. W. NELSON.
 WASHING MACHINE.
 APPLICATION FILED FEB. 8, 1912.

1,053,208.

Patented Feb. 18, 1913.

2 SHEETS—SHEET 1.



WITNESSES

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INVENTOR

Fig. George W. Nelson

By E. C. Crooman, his Attorney.

1,053,208.

2 SHEETS—SHEET 2.

Fig. 3

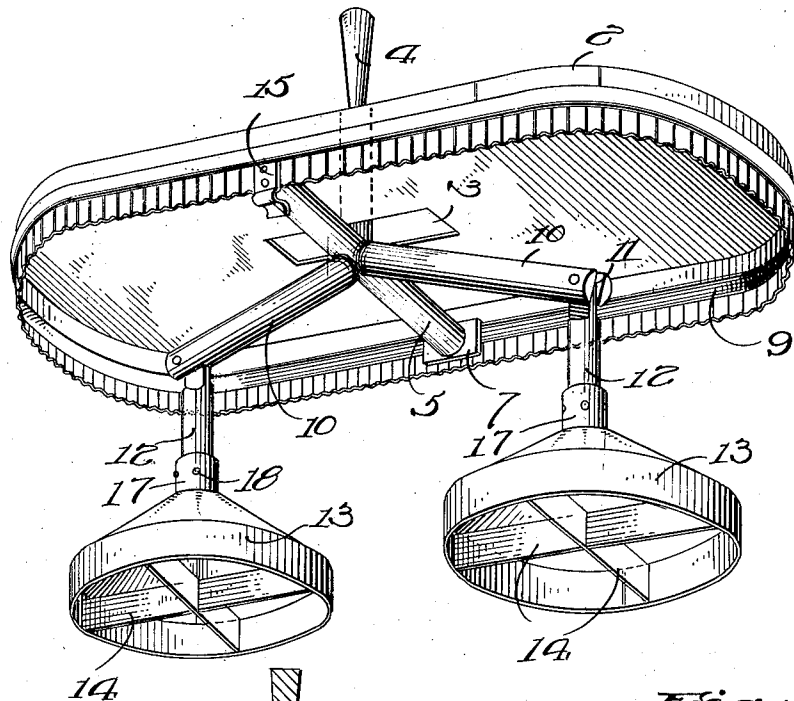


Fig. 5

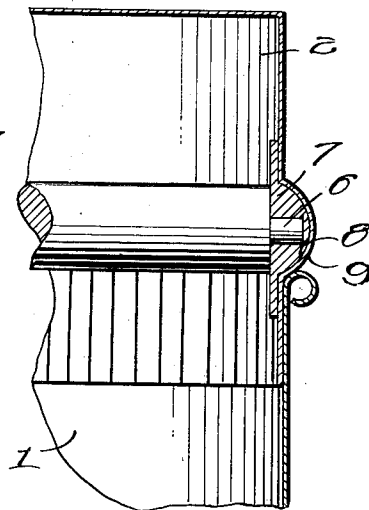
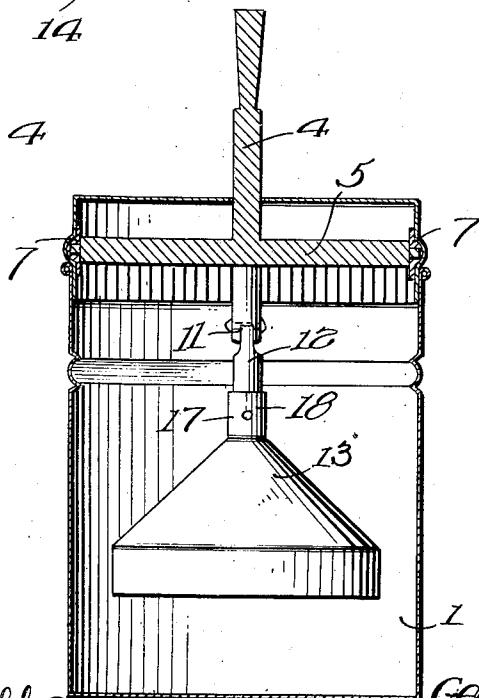


Fig. 4.



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UNITED STATES PATENT OFFICE.

GEORGE W. NELSON, OF PLENTYWOOD, MONTANA, ASSIGNOR OF ONE-HALF TO OLE JOHNSON, OF MINOT, NORTH DAKOTA.

WASHING-MACHINE.

1,053,208.

Specification of Letters Patent.

Patented Feb. 18, 1913.

Application filed February 8, 1912. Serial No. 676,274.

To all whom it may concern:

Be it known that I, GEORGE W. NELSON, a citizen of the United States, residing at Plentywood, in the county of Valley and State of Montana, have invented certain new and useful Improvements in Washing-Machines, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to washing machines and has for its object the production of an efficient washing device which may be attached to the ordinary boiler.

Another object of this invention is the production of an efficient device for supporting the plungers of the washing machine in connection with the cover.

With these and other objects in view this invention consists of certain novel constructions, combinations, and arrangements of parts, as will be hereinafter fully described and claimed.

In the drawings:—Figure 1 is a perspective view of a washing device. Fig. 2 is a longitudinal vertical section thereof. Fig. 3 is a perspective view of the top showing the washing plungers attached thereto. Fig. 4 is a central transverse vertical section. Fig. 5 is a fragmentary vertical section of a portion of the top showing the manner of connecting the plunger frame to the side of the top.

Referring to the accompanying drawings by numerals 1 designates the ordinary body of a wash boiler and 2 designates the top which may be secured to the body 1. The top 2 is provided with an elongated longitudinally extending slot 3 through which extends the operating handle 4. A transverse shaft 5 is carried by the lower end of the operating handle 4 and has its reduced ends 6 journaled within the securing journals 7. These journals 7 consist of elongated block portions having bulged portions 8 adapted to fit snugly within the channel 9 formed along the inner edge of the boiler top.

A pair of laterally extending arms 10 are carried by the shaft 5 and extend downwardly at an angle of approximately thirty degrees with the horizontal plane. The

lower end of the arms 10 are bifurcated as at 11 and receive the upper ends of the plunger arms 12. The plungers 13 are carried by the lower ends of the arms 12 and are provided with cross strips 14 for facilitating the agitation of the clothes within the boiler.

A latch device 15 is carried by the cover 2 and is adapted to engage the side of the boiler for holding the cover firmly upon the body of the boiler.

Of course, the usual handles 16 may be employed upon the boiler but, it should be understood that the construction of the top is in no way dependent upon the construction of the boiler or body 1, since the top may be itself marketed entirely independent of the body, and may be secured to and is intended to be made to fit the ordinary size boiler now in use.

The arms 10 will act as a means for limiting the swinging movement of the handle upon the top 2.

The plungers 13 are substantially coneshaped and are provided with collars 17 which fit snugly over the lower ends of the rods 12 and are held firmly in engagement therewith by means of pins 18.

What is claimed is:—

In a washing machine of the class described, a body portion, a top used in connection with said body portion, said top provided with a punched rib constituting a circumferential groove, journals detachably carried by said circumferential groove and provided with sockets within their body portion, a shaft carried within said top, said shaft provided with reduced ends, said ends fitting within said sockets formed in said journals, diverging arms carried by said shaft, plunger means carried by said diverging arms, said top provided with an elongated slot, an operating handle carried by said shaft and extending through said slot, whereby said arms may be rocked.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

GEORGE W. NELSON.

Witnesses:

A. RIBA,

H. S. JORDAN.