

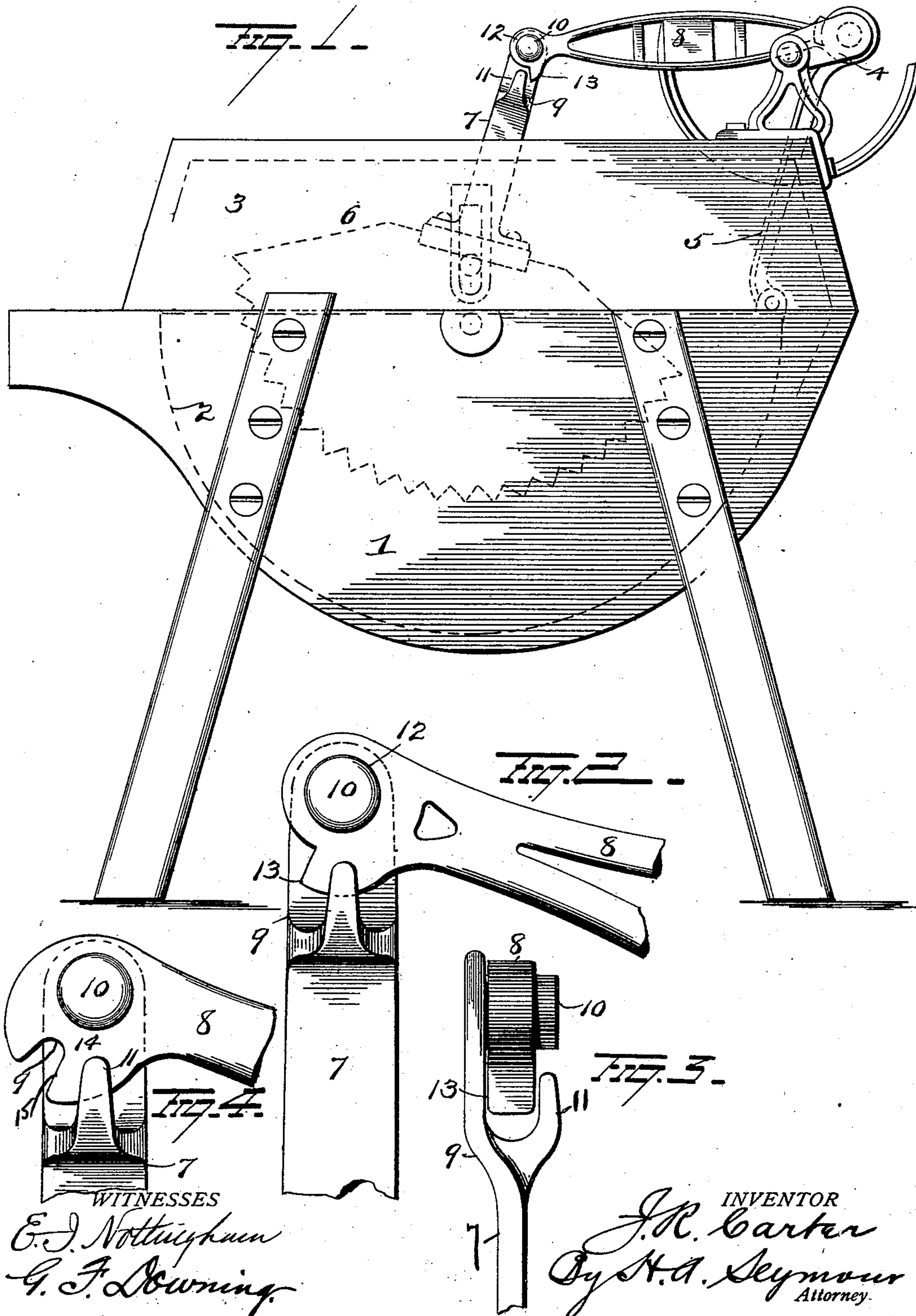
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J. R. CARTER.
OPERATING MEANS FOR WASHING MACHINES.

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NO MODEL.



WITNESSES
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OPERATING MEANS FOR WASHING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 724,431, dated April 7, 1903.

Application filed March 2, 1901. Serial No. 49,603. (No model.)

To all whom it may concern:

Be it known that I, JOHN R. CARTER, of Augusta, in the county of Bracken and State of Kentucky, have invented certain new and useful Improvements in Operating Means for Washing-Machines; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it ap-
10 pertains to make and use the same.

My invention relates to an improvement in operating means for washing-machines, and more particularly to improved means for connecting the operating crank-shaft with the
15 lever or upright of the upper rubber, the object of the invention being to provide an improved device of this character which will permit of the ready connection or disconnection of the upright or lever and pitman and
20 the latter be held in position without the aid of independent means.

A further object is to so construct the pitman and upright to which it is connected that connection can be made with equally good re-
25 sults whichever way the upright is disposed.

With these objects in view the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter de-
30 scribed, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a view illustrating my improvements in position on a washing-machine. Figs. 2 and 3
35 are enlarged views illustrating the connection between the pitman and upright, and Fig. 4 is a modification.

1 represents the body of the washing-machine, having the lower rubber 2 supported therein and provided with the hinged cover 3,
40 on which latter the operating crank-shaft 4 is supported and connected by a pitman 5 with the lower rubber 2, as shown. The upper rubber 6 is pivotally supported in the top or cover 3 and is provided on its upper end
45 with a lever or upright 7, projecting up through and movable in an elongated slot in the cover. The upper end of upright 7 is connected to the crank-shaft 4 by a pitman 8, so as to oscillate the upper and lower rubbers
50 in opposite directions when the crank-shaft is turned, and in the particular connection

between the upright 7 and pitman 8 my invention resides and will now be set forth in detail.

The upper end of upright 7 is bent to one
55 side and then extends upward to form an arm 9, provided near its upper end on one side with a pintle 10, and on the same side where the upright is bent an outwardly and upwardly projecting lug 11 is located centrally
60 between the side edges of the upright. The end of the pitman 8 is made with a hole 12 to receive the pintle 10 and provided below said hole with an enlargement 13, which may be in the form of a lug or flange, which lat-
65 ter is normally located between the upright and lug 11 thereon, so as to prevent the pitman from slipping off the pintle during the operation of the washer, but which when the
70 pitman is moved to its extreme forward and upward position the lug or flange 13 will be moved to one side of the lug 11 and out of the path thereof to permit the easy removal of the pitman from the pintle 10.

It will be seen that as the upright 7 is bent
75 outward at its upper end to center the pitman in the vertical plane of the body of the upright the upright can be turned to either side and the pitman can be easily connected thereto, for the lug 11 is located centrally on
80 the upright and will permit the removal or connection of the pitman from either side.

Instead of providing a lug 13 on the pitman I might provide a notched flange 14
85 thereon, as shown in Fig. 4. The notch 15 in said flange can be moved to aline with the lug 11 on the upright to connect or disconnect the pitman, as above described.

Various other slight changes might be resorted to in the general form and arrange-
90 ment of the several parts described without departing from the spirit and scope of my invention, and hence I would have it understood that I do not wish to limit myself to the precise details set forth, but consider
95 myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of my invention.

Having fully described my invention, what I claim as new, and desire to secure by Letters
100 Patent, is—

In operating means for washing-machines,

the combination with a crank-shaft to be
mounted on the stationary member of the
machine, and a pitman for connecting the
said crank-shaft with the oscillating member
5 of the machine, of an upright to be fixed to
said oscillatory member, there being two off-
sets at the upper end of said upright one
shorter than the other and both disposed
parallel with the longitudinal axis of said
10 upright, a pintle projecting from the longer
offset and disposed across and at right angles
to the longitudinal axis of the upright, a sec-

ond pitman connected at one end to the crank-
shaft and having a hole at the other end to
receive said pintle, there being an enlarge- 15
ment on said second pitman to enter between
the two offsets on the upright.

In testimony whereof I have signed this
specification in the presence of two subscrib-
ing witnesses.

JOHN R. CARTER.

Witnesses:

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W. CLARENCE DUVALL.