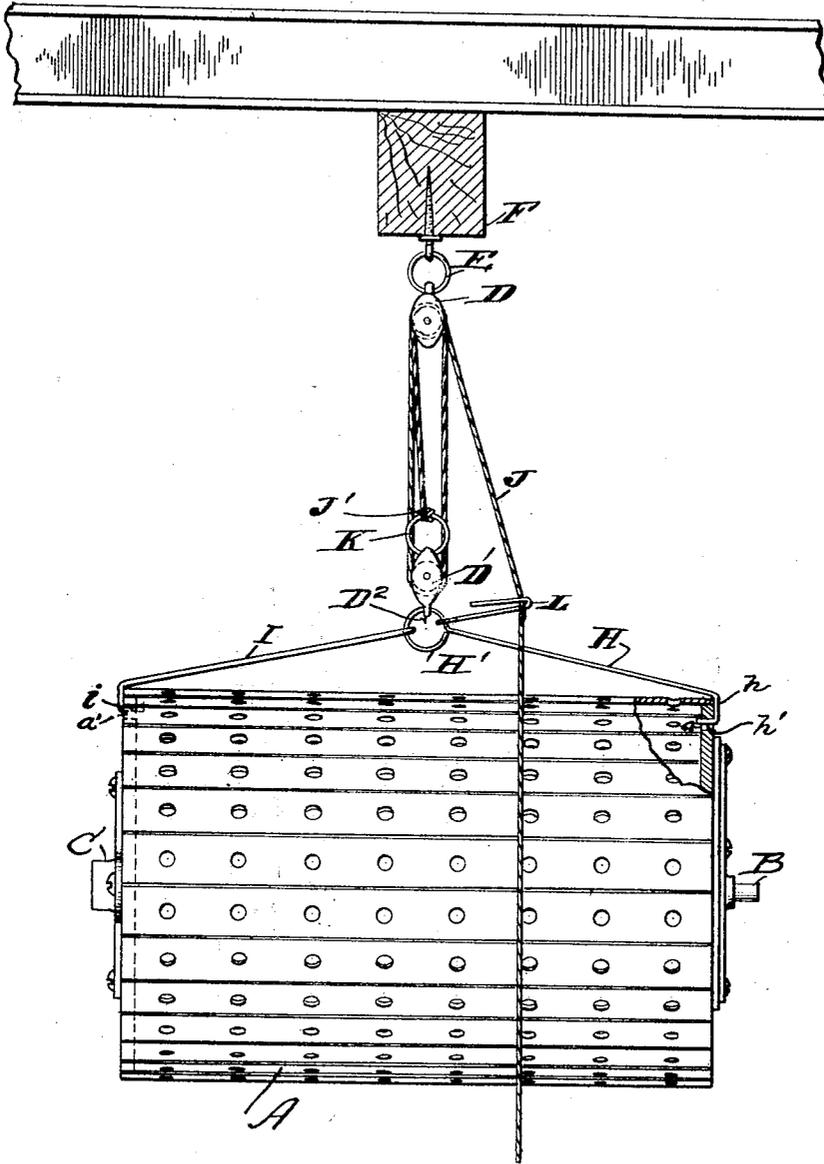


F. J. FARNSWORTH.
DEVICE FOR LIFTING WASHING MACHINE CYLINDERS.
APPLICATION FILED APR. 28, 1920.

1,376,414.

Patented May 3, 1921.



Frank J. Farnsworth ^{Inventor}

By *S. E. Thomas*

Attorney

UNITED STATES PATENT OFFICE.

FRANK J. FARNSWORTH, OF HIGHLAND PARK, MICHIGAN.

DEVICE FOR LIFTING WASHING-MACHINE CYLINDERS.

1,376,414.

Specification of Letters Patent.

Patented May 3, 1921.

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To all whom it may concern:

Be it known that I, FRANK J. FARNSWORTH, citizen of the United States, residing at Highland Park, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Devices for Lifting Washing-Machine Cylinders, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to a device adapted to lift the wooden cylinder from the body of a washing machine, and to suspend the same while out of the machine, that it may thoroughly dry before it is again used.

It is well understood that the proper care of domestic washing machines employing a wooden cylinder demands that the cylinder be rinsed following each washing, it being then removed from the body of the machine that it may be thoroughly dried before it is again used,—otherwise the wooden cylinder is apt to water-log, and in time become soft and "pulpy" thus greatly impairing its life and usefulness.

Owing to the weight of the cylinders and the difficulty experienced by most women in lifting the cylinder out of the machine it is usually left therein with consequent disastrous results.

One of the objects of the present invention therefore is to provide a simple and inexpensive device which may be readily attached to the ceiling of the usual basement laundry in a convenient position to the washing machine so that when the laundry work is completed the cylinder may be easily removed from the machine and allowed to dry before it is again used.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes may be made in the precise embodiment of the invention herein disclosed without departing from the spirit of the same.

In the accompanying drawing forming part of this specification:—

The figure is a view in perspective of the apparatus as applied in use.

A, denotes the usual wooden perforated cylinder of this type of washing machines,—fitted with a trunnion B, at one end and a socket casting C, at the opposite end of the cylinder to receive the squared end of the driving shaft of a washing machine, not shown.

D, indicates a pulley block—preferably a double pulley, suspended from a hook or ring E, secured to a ceiling timber F, or other suitable support.

D', denotes a lower or running pulley provided with a loop D² to receive the ring H' of an arm H, formed at its free end with a downwardly directed portion *h*, terminating in an inwardly extended hook *h'* adapted to enter an aperture *a* in the end wall of the cylinder. I, indicates a similar arm linked to the ring of the arm H,—the hook *i*, formed on its free end entering an aperture *a'* at the opposite end of the cylinder.

J, denotes a rope or fall, having its standing end J' made fast to a ring K, secured to the lower pulley block.

L, indicates a preferably resilient hook-shaped device linked to the ring H' of the arm H, the purpose of which is to receive and hold the rope J, when the cylinder has been raised, that the latter may be sustained in its elevated position until dry, or until it is desired to replace the cylinder in the machine.

Having indicated the several parts by reference letters the construction and operation of the device will be readily understood.

Upon the completion of a washing the cylinder is thoroughly rinsed while in the machine, the hooks of the lifting device are then engaged to the cylinder which is then detached from the driving shaft, and raised by means of the tackle until the cylinder is free from the machine; it is then allowed to remain suspended until dry or until it is again necessary to use the machine.

Having thus described my invention what I claim is:—

In a device of the character described, a pulley block adapted to be attached to a ceiling or other support, a running pulley; a pair of arms linked together and connected with the pulley block, each arm having a downwardly directed portion near its free end, with the ends bent at substantially right-angles to the downwardly directed portion to form a hook,—whereby they are

adapted to enter holes provided for their
reception in the ends of a washing-machine
cylinder; a rope or fall coöperating with
said pulleys, and a hook-shaped wedge mem-
5 ber connected with said links, adapted to re-
ceive and grip the free end of the rope when
sustaining a load.

In testimony whereof I sign this specifi-
cation in the presence of two witnesses.

FRANK J. FARNSWORTH.

Witnesses:

S. E. THOMAS,
JOHN CONSIDINE, Jr.