

J. Lee

Washing Machine,

N^o 41,849.

Patented Mar. 8, 1864.

Fig. 2.

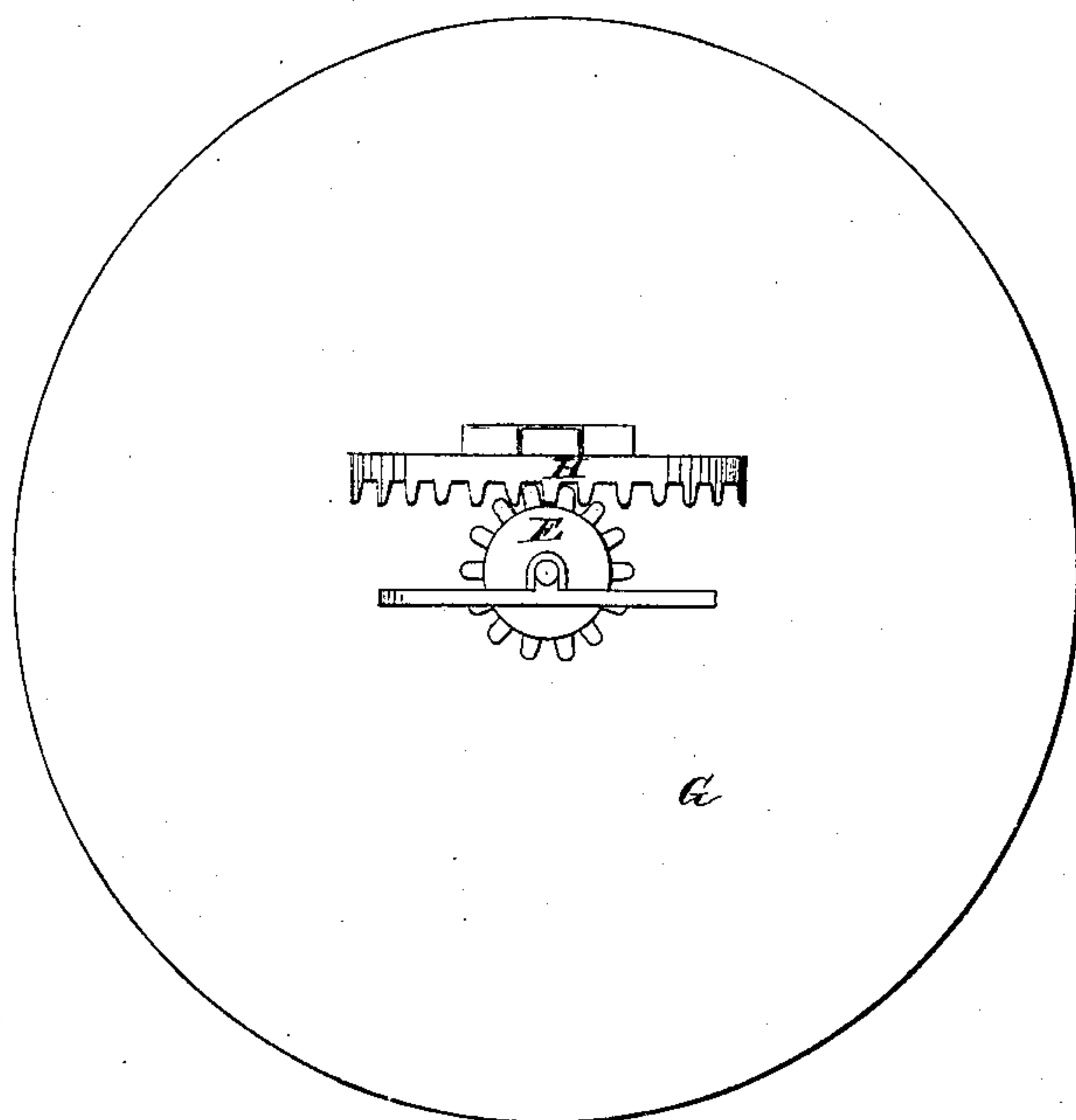


Fig. 1

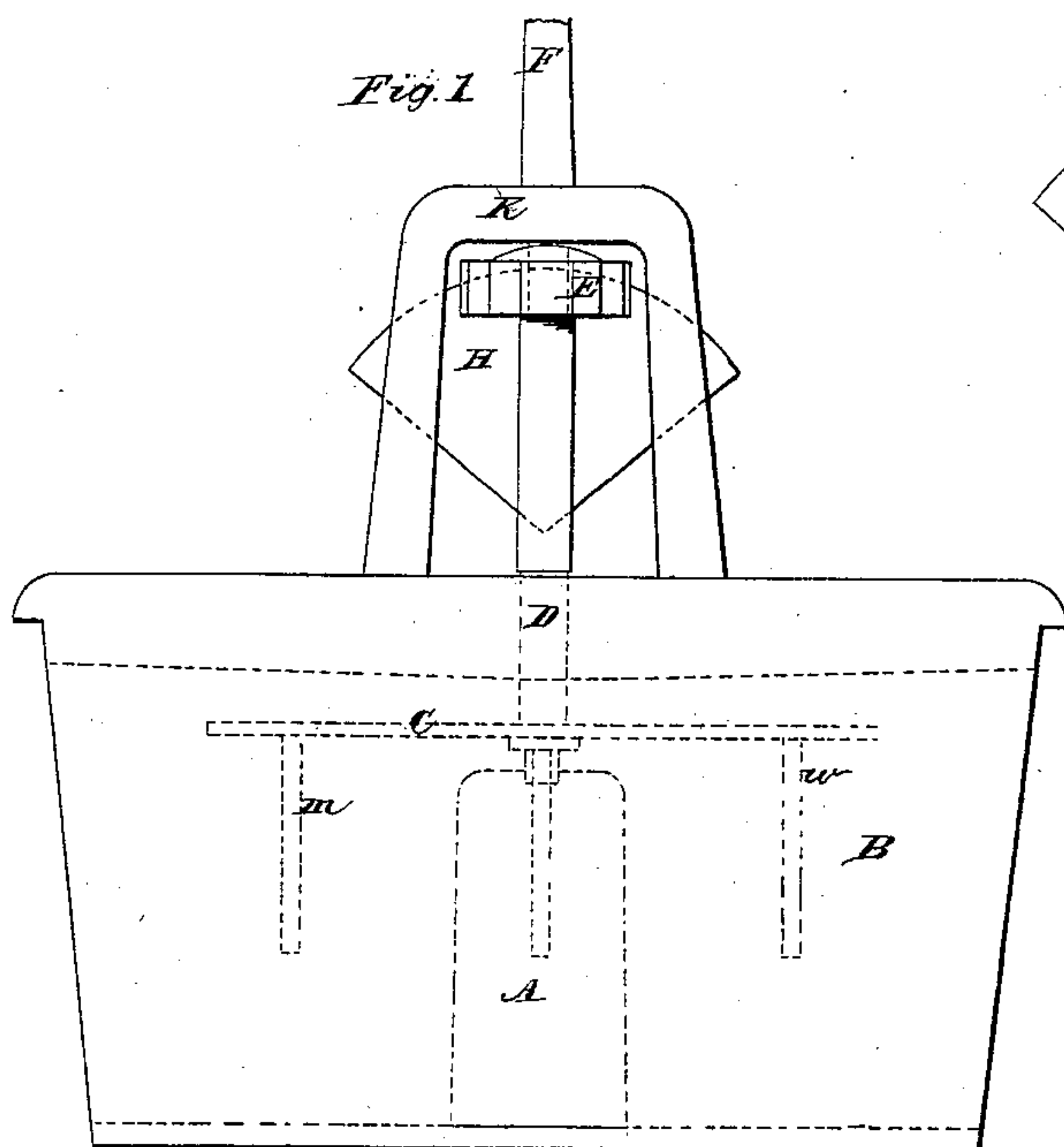
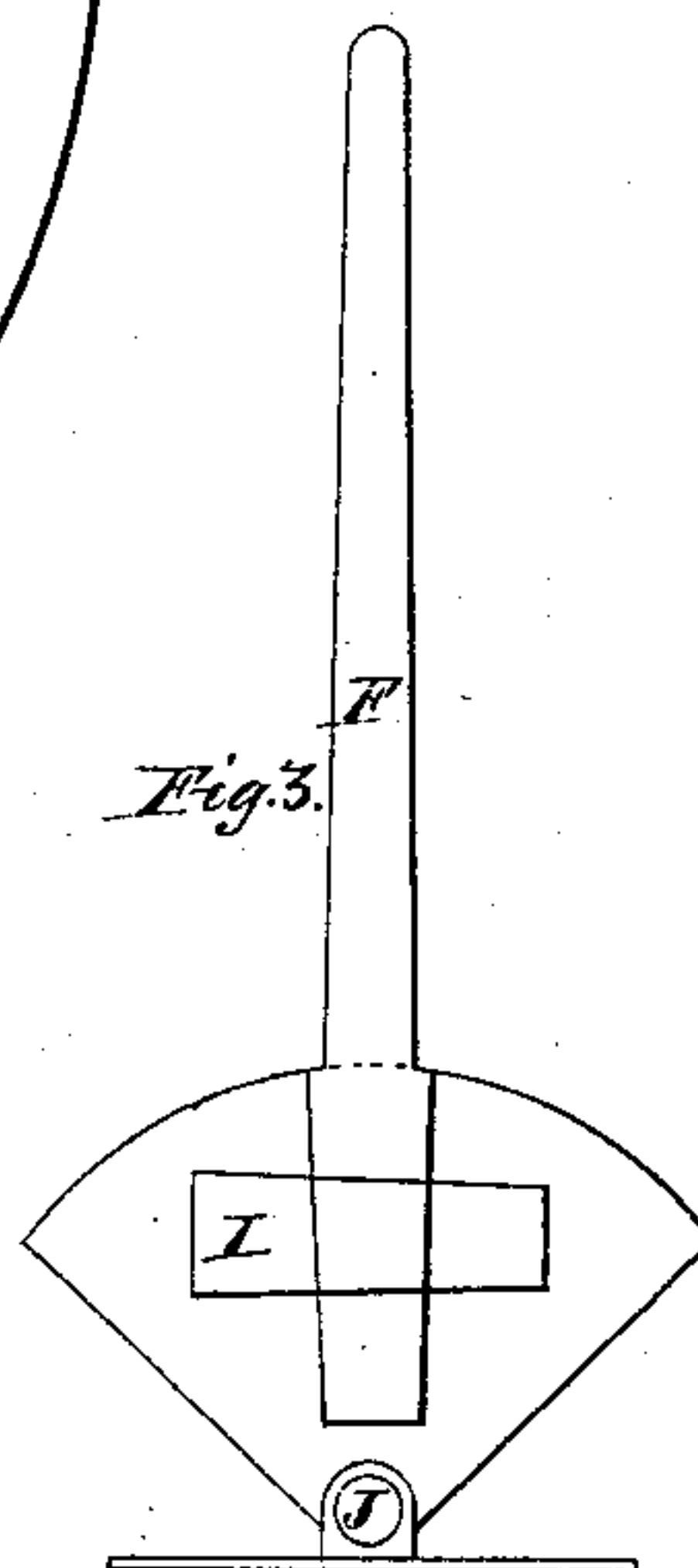


Fig. 3.



UNITED STATES PATENT OFFICE.

JOEL LEE, OF GALESBURG, ILLINOIS.

IMPROVED WASHING-MACHINE.

Specification forming part of Letters Patent No. 41,849, dated March 8, 1864.

To all whom it may concern:

Be it known that I, JOEL LEE, of Galesburg, Knox county, and State of Illinois, have invented a new and useful Improvement in Washing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 represents a vertical section of my machine. Fig. 2 is a plan view of segment and pinion. Fig. 3 represents a vertical section of the lever and segment.

The nature of my invention consists in the arrangement of certain devices for cleansing clothes.

In the annexed drawings, B represents the tub; A, the pedestal placed in the center of tub B.

K represents the yoke, which is fastened to G, the top of the tub. The yoke is placed in a vertical position, and has a projection at top with a hole through it, into which the upper end of shaft D works. The lower end of shaft D is furnished with a journal that plays in the top of pedestal A.

E represents a pinion fastened near the upper end of shaft D, receiving its motion from the cogged segment H, to which the lever F is attached.

I represents the socket fastened to the side

of segment H, and intended to receive the end of lever F.

C represents a cross-bar, of which there are two, crossing each other at right angles and penetrated by the lower end of shaft D. The cross-bars C work near the inner surface of top G, and are penetrated near their ends and at right angles by the rods M, two rods being on each cross-bar, the object of these rods being to agitate the clothes.

In operating my machine, the lever F is worked with a reciprocating motion, so as to change the current of water in the tub, and thus keep the clothes in a constant state of motion.

It will be observed that the pedestal answers the valuable purpose of keeping the clothes from the center, and thus exposing them to the full centrifugal force of the water, whereby they are cleansed with the least possible degree of friction.

Having thus described my machine, what I claim, and desire to secure by Letters Patent, is—

The pedestal A, the shaft D, the segment H, the pinion E, the yoke K, the cross-bars C, and the rods M, the whole constructed and arranged substantially as and for the purpose herein set forth.

Witnesses:

H. H. LEE,
GEORGE LEE.

JOEL LEE.