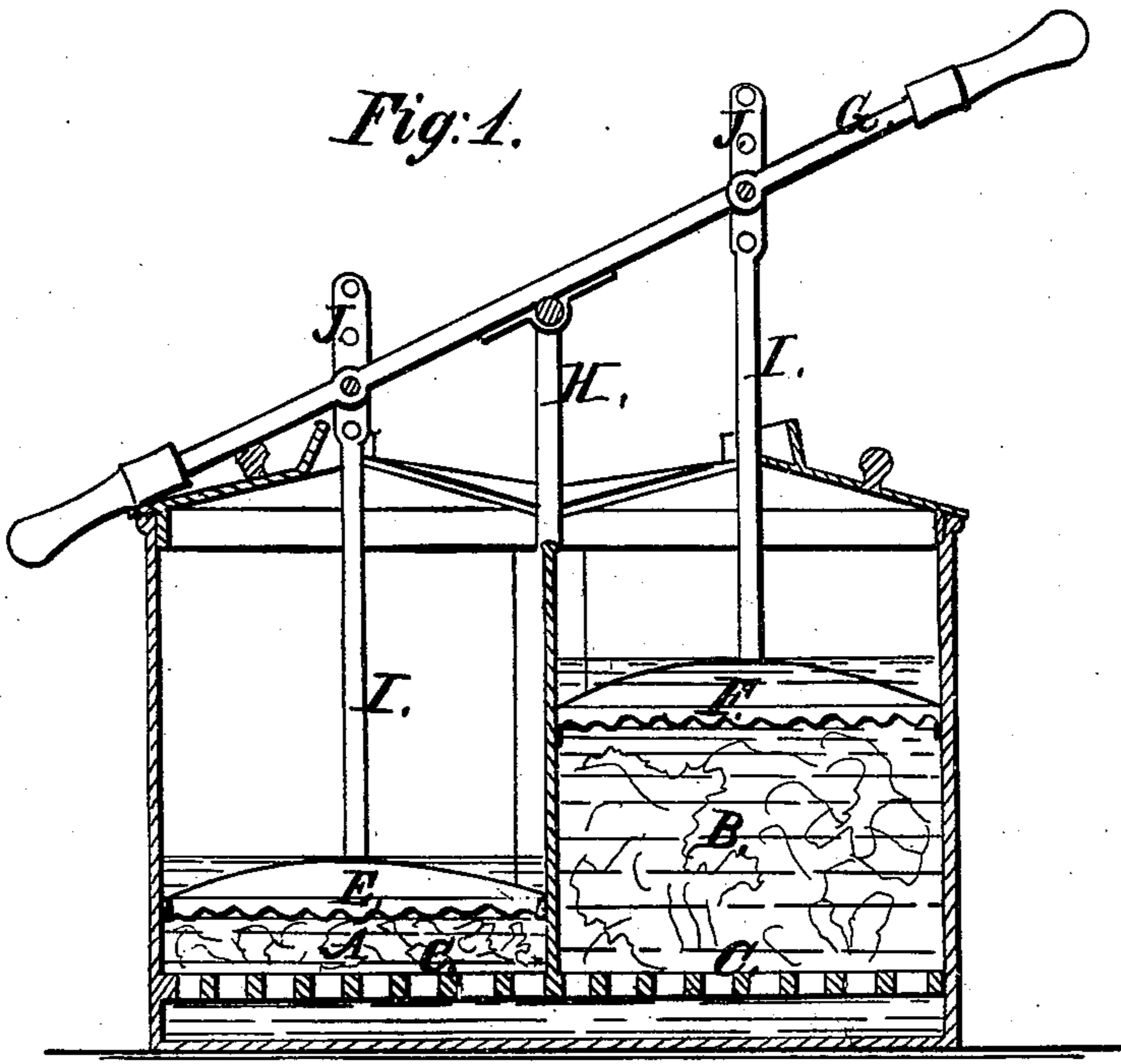


*H. T. Lee,*  
*Washing Mach.*

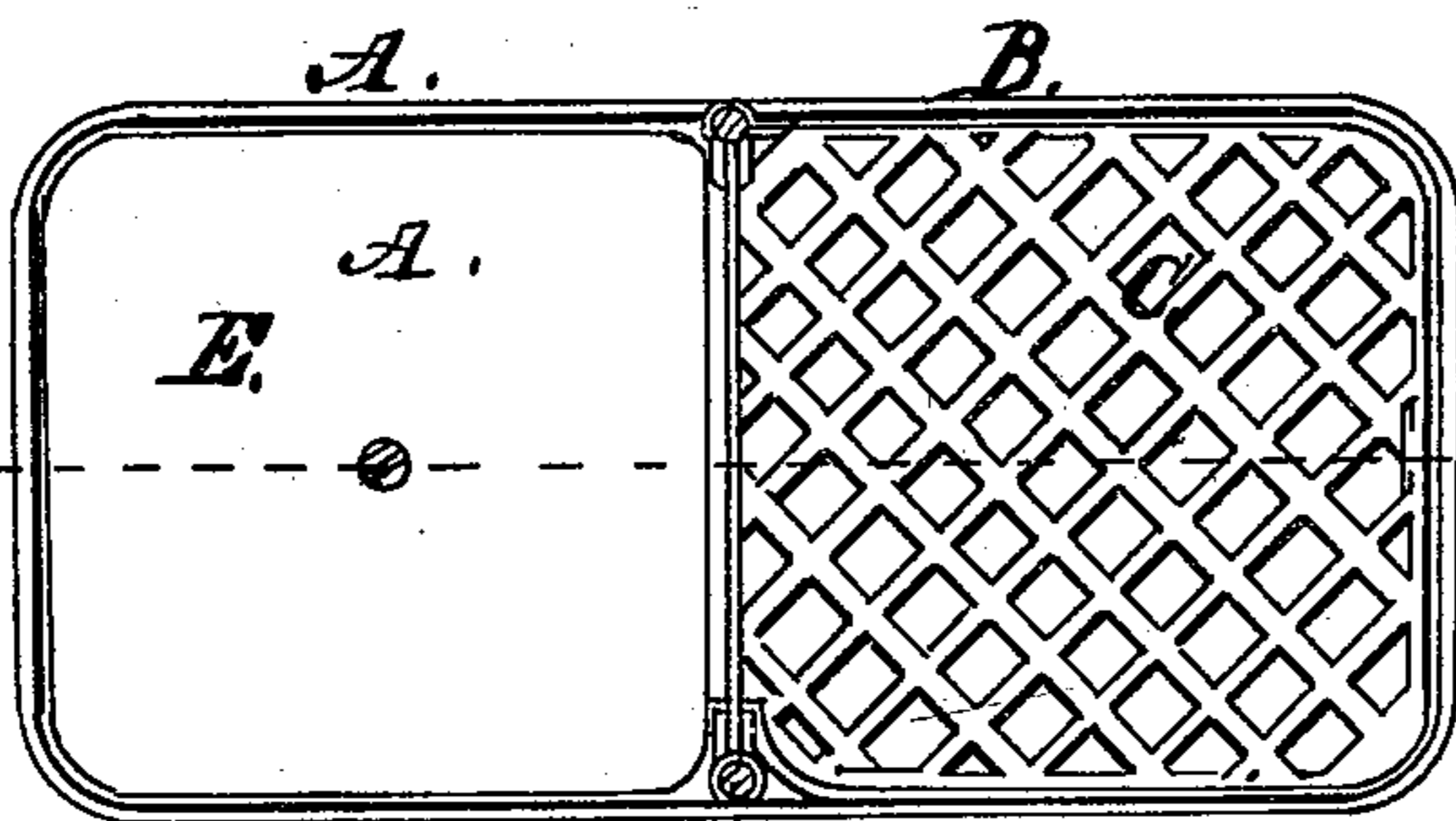
*No. 85,679*

*Patented Jan. 5, 1869.*

*Fig. 1.*



*Fig. 2.*



*Witnesses: x*

*x Inventor*

*J. C. Hemm*

*H. T. Lee.*

*A. M. Tanner.*

*Per Hemm & Co  
Attorneys*

# United States Patent Office.

HENRY T. LEE, OF JERSEY CITY, NEW JERSEY.

Letters Patent No. 85,679, dated January 5, 1869.

## IMPROVED WASHING-MACHINE AND BOILER COMBINED.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, HENRY T. LEE, of Jersey City, in the county of Hudson, and State of New Jersey, have invented a new and improved Combined Boiler and Washing-Machine; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a combined boiler and washing-machine, having two or more compartments for the reception of clothes, &c., to be washed, the said compartments having a free flow for the water or suds through a suitable grating, set near the bottom of the boiler, the washing being performed by imparting an up-and-down motion to a double lever, which is set on an adjustable bail, which forms a fulcrum for the same, to operate the plungers, the construction and operation of which will be clearly understood from the following description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a sectional side elevation through the line *x x*.

Figure 2 is a plan of the same, with the lids or covers removed.

Similar letters of reference indicate corresponding parts.

In this case, the articles to be washed are placed in the chambers A and B, on top of the grating C, which is supported on lugs, a sufficient height from the bottom of the boiler to form a space, *a*, which admits of a full flow of the water or suds from one chamber to the other under the said grating, as the plungers E and F are alternately worked up and down.

The plungers E and F are corrugated on their under surfaces, and are made to fit their respective chambers closely, with cotton or other suitable packing, fitted in a cavity provided for such purpose in the said plungers.

G is a double lever, having its fulcrum on an adjustable bail, H, which spans across the boiler, and whose ends slide in recesses provided for them in the sides of the said boiler.

The plungers are connected to the double lever G by the rods I I, which have a series of holes, J, for the purpose of regulating the stroke to suit the quantity of clothes contained in the chambers.

It will thus be seen that the water or suds contained in the chambers A and B is forced both up and down, through and through the clothing contained therein, and by making use of both the up and downward stroke, it must accomplish its work more speedily than those now in use.

I do not claim any of the devices herein described, separately considered; but having fully described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The combined boiler and washing-machine herein described, consisting essentially of the compartments A B, space *a*, grating C, and corrugated plungers E F, the whole combined and arranged in the manner and for the purpose set forth.

The above specification of my invention signed by me, this 15th day of December, 1868.

HENRY T. LEE.

Witnesses:

FRANK BLOCKLEY,  
JOHN F. BROOKS.