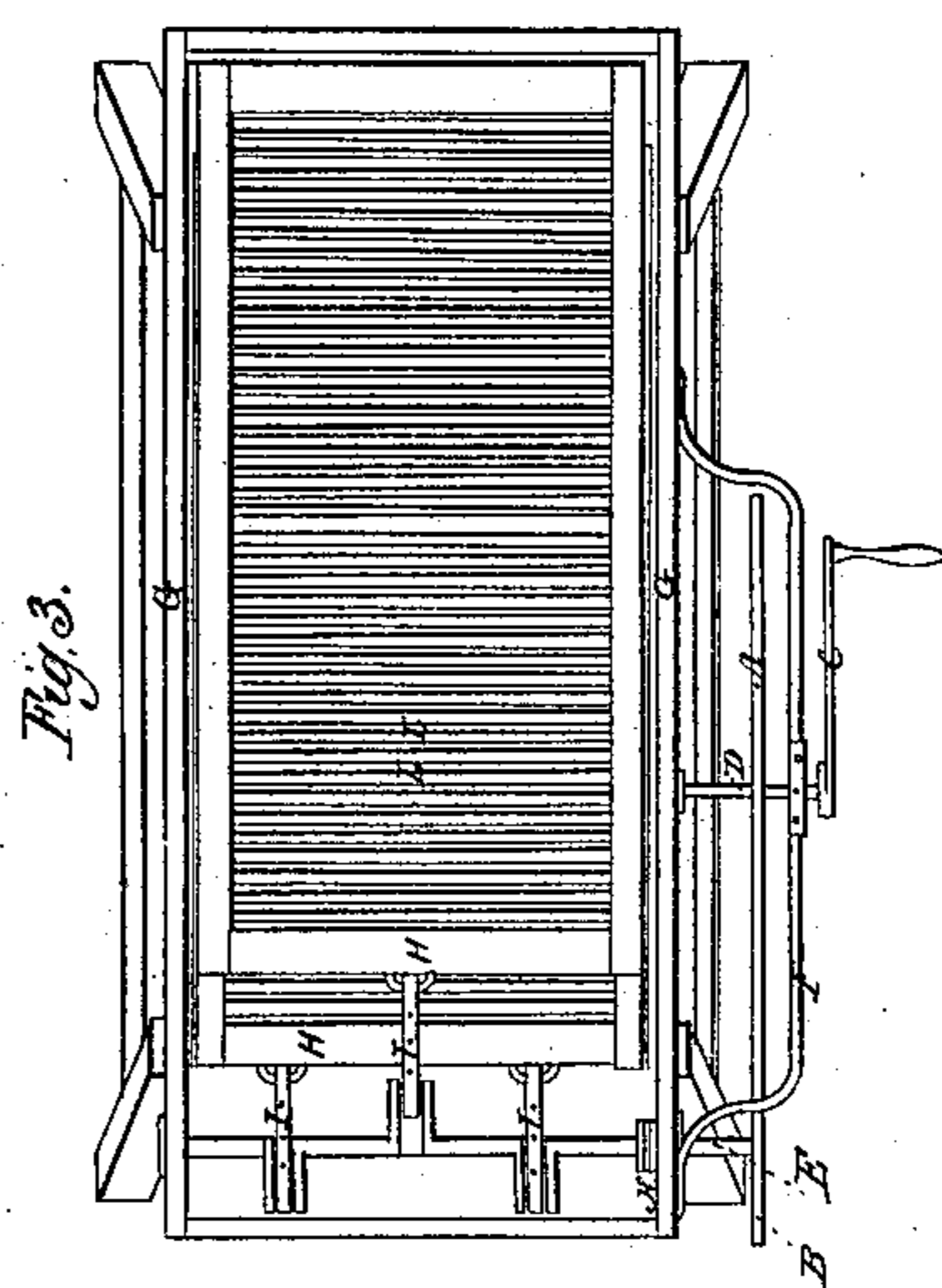
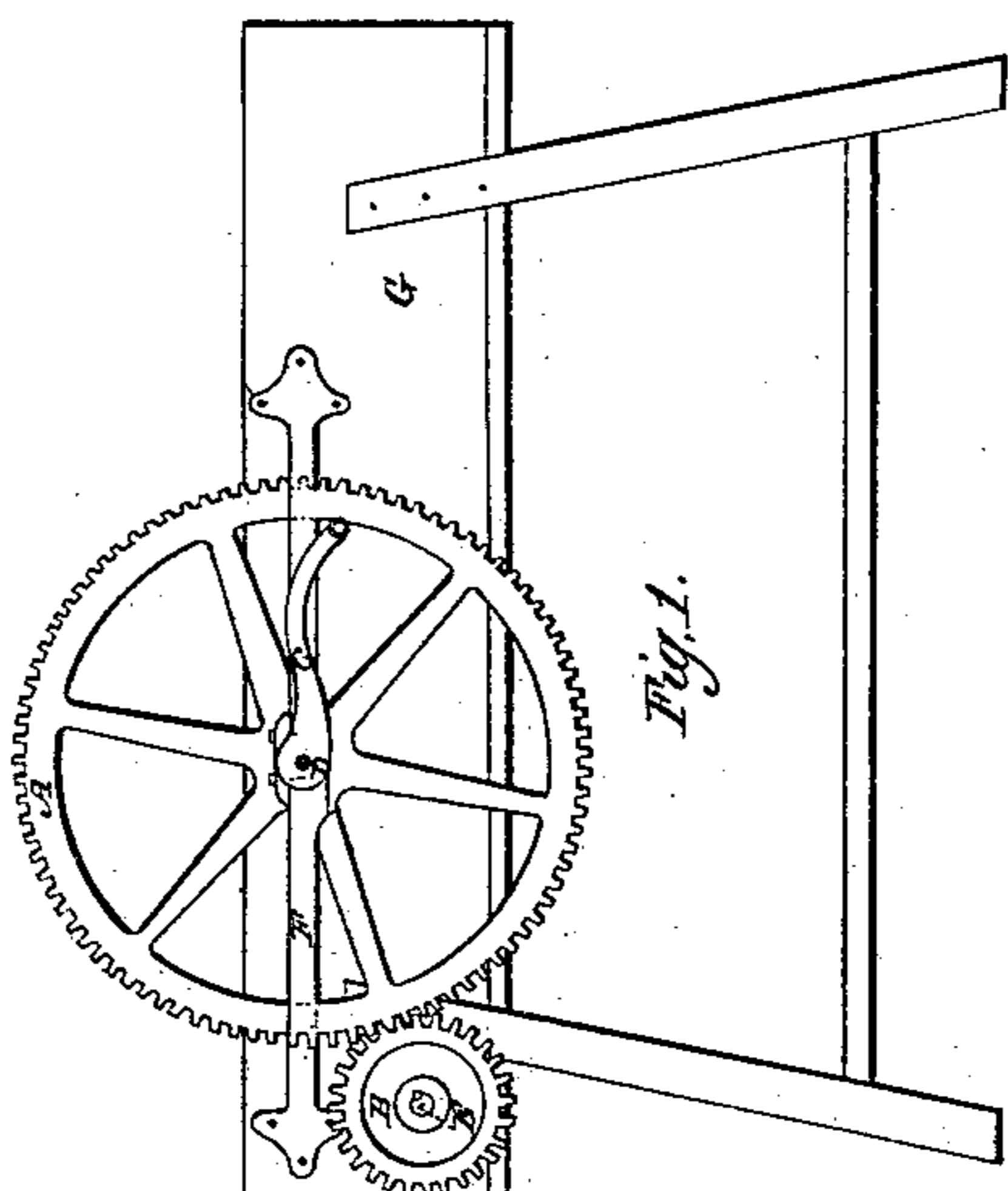
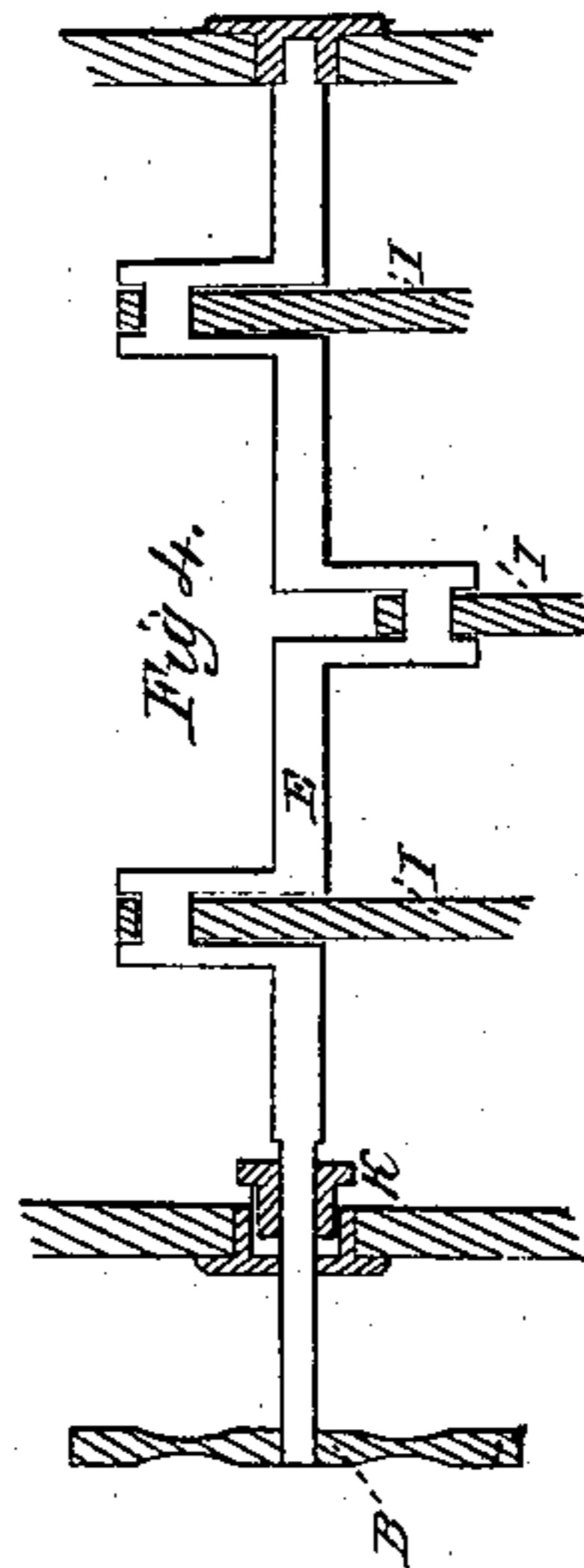
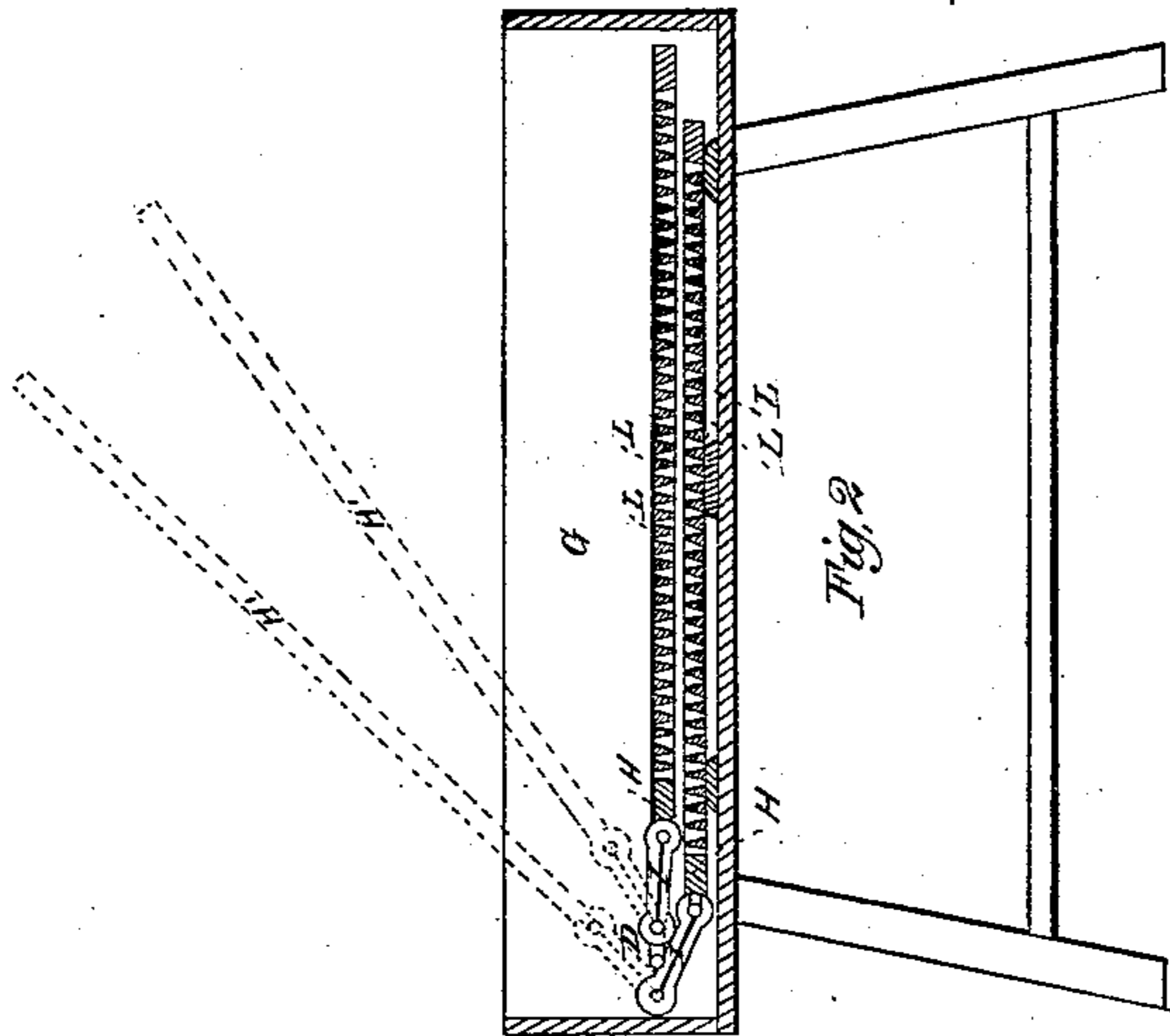
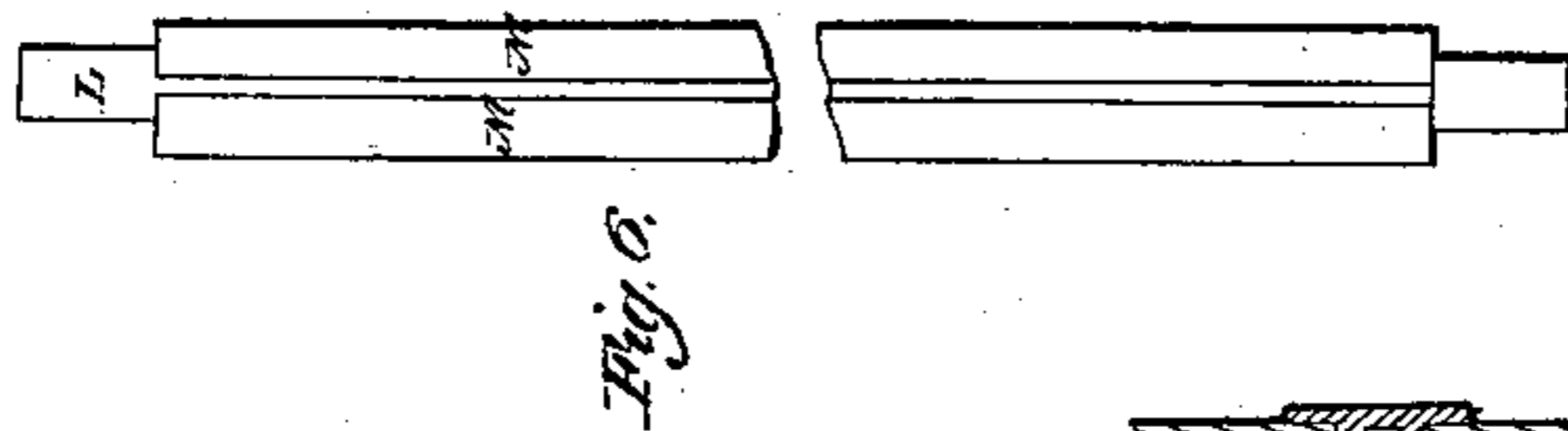
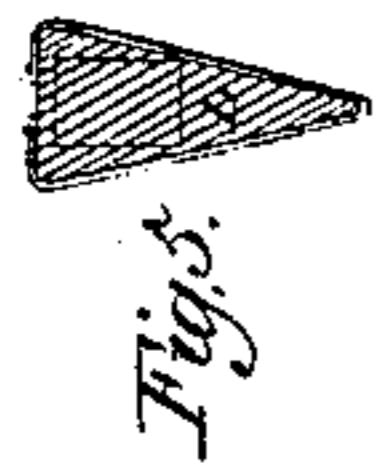


D. Dishart,
Washing Machine,

N^o 53,278.

Patented Mar. 20, 1866.



Witnesses:

Griffith Dishart
James G. Smith

Inventor:
David Dishart.

UNITED STATES PATENT OFFICE.

DANIEL DISHART, OF CANTON, OHIO.

IMPROVED WASHING-MACHINE.

Specification forming part of Letters Patent No. 53,278, dated March 20, 1866.

To all whom it may concern:

Be it known that I, DANIEL DISHART, of Canton, in the county of Stark and State of Ohio, have invented new and valuable Improvements in Washing-Machines; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my improvements consists in, first, constructing the wash-boards of the said machines of separate slats of peculiar construction, as shown in the accompanying drawings, thereby allowing the suds free access to all parts of the material to be washed at the same time, and thus facilitating the cleaning thereof; and, second, in the peculiar combination of the double-crank shaft and connecting-links, whereby the said connecting-links are made to act both as connecting-links and as hinges for the turning up of the wash-boards for the introduction of the material to be washed and for the drying of the wash-boards.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure 1 is an elevation of the machine; Fig. 2, a longitudinal section, and Fig. 3 a plan, thereof; Fig. 4, a detached drawing of the double-crank shaft and its connections. Fig. 5 is an end elevation of one of the slats of the wash-board, and Fig. 6 a plan of the same. Fig. 7 is a perspective view of the machine.

I construct an oblong box, G, in which is

contained the suds for washing. In this box I place two wash-boards, H H, one above the other, moving simultaneously, but in opposite directions. These wash-boards are connected to the double-crank shaft E by the connecting-links I I I. On this shaft E, which passes through the stuffing-box K, is a pinion, B, which gears into the wheel A, which wheel A is driven by a crank, C, or by any other power which may be convenient.

The rotation of the wheel B communicates a rotation to the crank-shaft E, which in turn produces a backward-and-forward movement of the wash-boards H H, thereby rubbing and cleansing the material which is placed between them.

The wash-boards H H are composed of rectangular frames, into which the slats L L L are framed. These slats are separate and distinct from each other, and are composed of a triangular piece of wood or other material, around which is placed zinc, *m m*, or other non-corrosive material, as shown in Figs. 5 and 6.

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

The arrangement of the wash-boards H H, as constructed, with their slats L L, the crank-shaft E, connecting-links I I, stuffing-box K, and box G, the several parts being used as and for the purpose herein specified.

DANIEL DISHART.

Witnesses:

GRIFFITH DISHART,
J. ABBOTT.