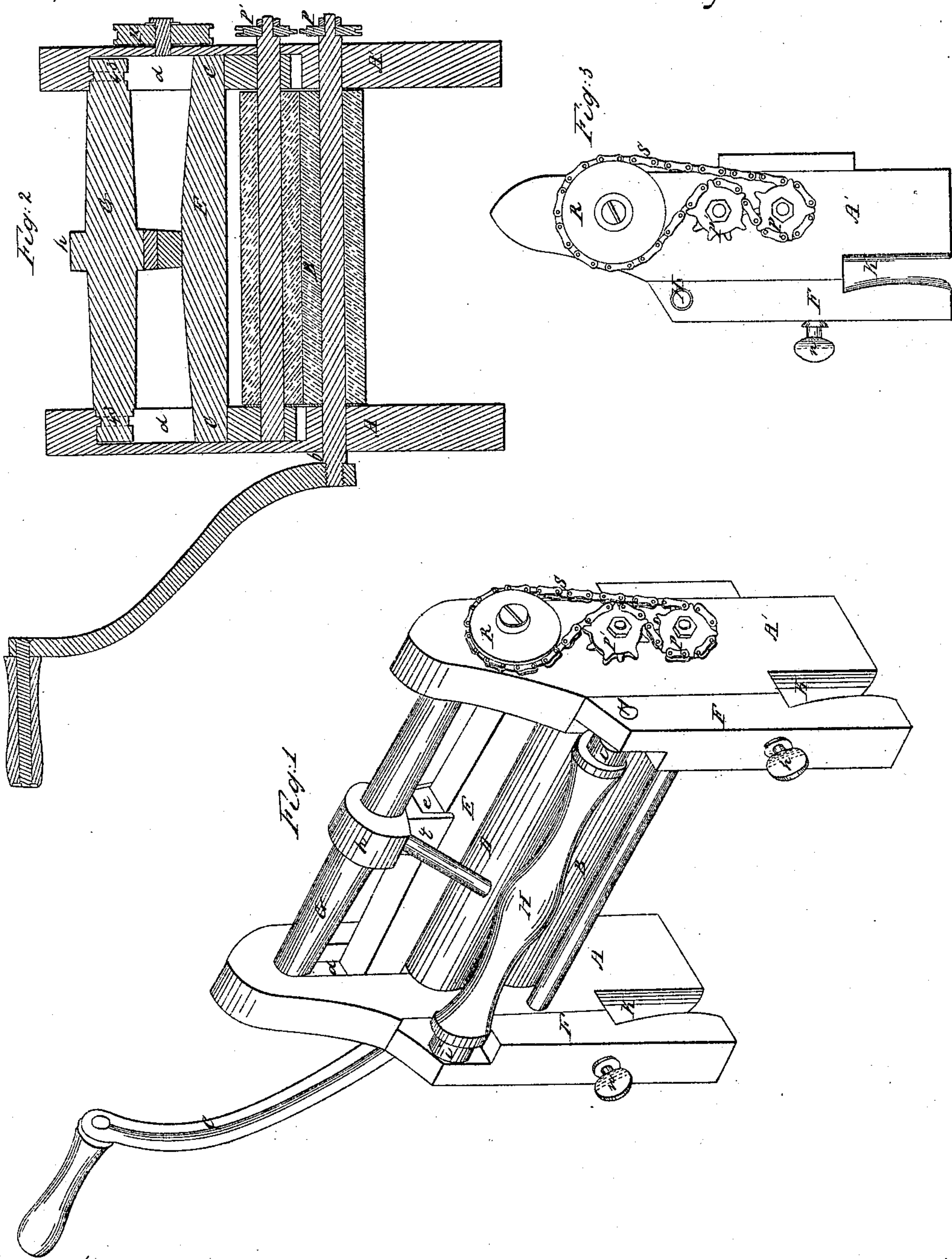


C. H. Amidon,

Wringer,

N^o 47,079.

Patented Apr. 4, 1865.



Witnesses,
Austin Demott
J. H. Lums

Inventor
Charles H. Amidon

UNITED STATES PATENT OFFICE.

CHARLES H. AMIDON, OF GREENFIELD, MASSACHUSETTS.

IMPROVED WRINGING-MACHINE.

Specification forming part of Letters Patent No. 47,079, dated April 4, 1865.

To all whom it may concern:

Be it known that I, CHARLES H. AMIDON, of Greenfield, in the county of Franklin and State of Massachusetts, have invented a new and useful Improvement on Wringing and 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 is a perspective view of the machine with the improvement attached. Fig. 2 is a longitudinal vertical section of the machine. Fig. 3 is an end view of the same, showing a side view of the improvement.

Wringing or washing machines are generally constructed with the bearings of one roller placed in movable boxes, which are free to rise and fall as a thick or thin body passes between the rollers. Some are constructed with two cog-wheels, one of which is attached to the end of the shaft of each roller. Others have no gearing at all.

My invention consists in the manner in which I turn the upper roller by means of an endless chain or belt, operating in connection with three or more wheels, one on the end of

the shaft of each roller and one or more attached to the frame-work of the machine.

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

P and P' are wheels of the same size and shape, one of which is attached to the end of roller D and one to roller B. R is a wheel attached to the frame-work of the machine. S is an endless chain or belt that passes round the three wheels above named. The wheels P and P' are constructed with cogs, that fit exactly to the endless chain S and prevent all slipping of the same. By this construction and arrangement, however far roller D may be carried or pressed from roller B, both turn at the same time and with the same rapidity, and the pressure or strain is divided equally between the two.

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

The endless chain S, in combination with the wheel P P' and wheel R, with the rollers D and B, substantially as and for the purpose specified.

In presence of— CHARLES H. AMIDON.

AUSTIN DE WOLF,
JAS. H. LAMB.