

G. J. NEWMAN.
Improvement in Washing-Machines.
No. 129,046. Patented July 16, 1872.

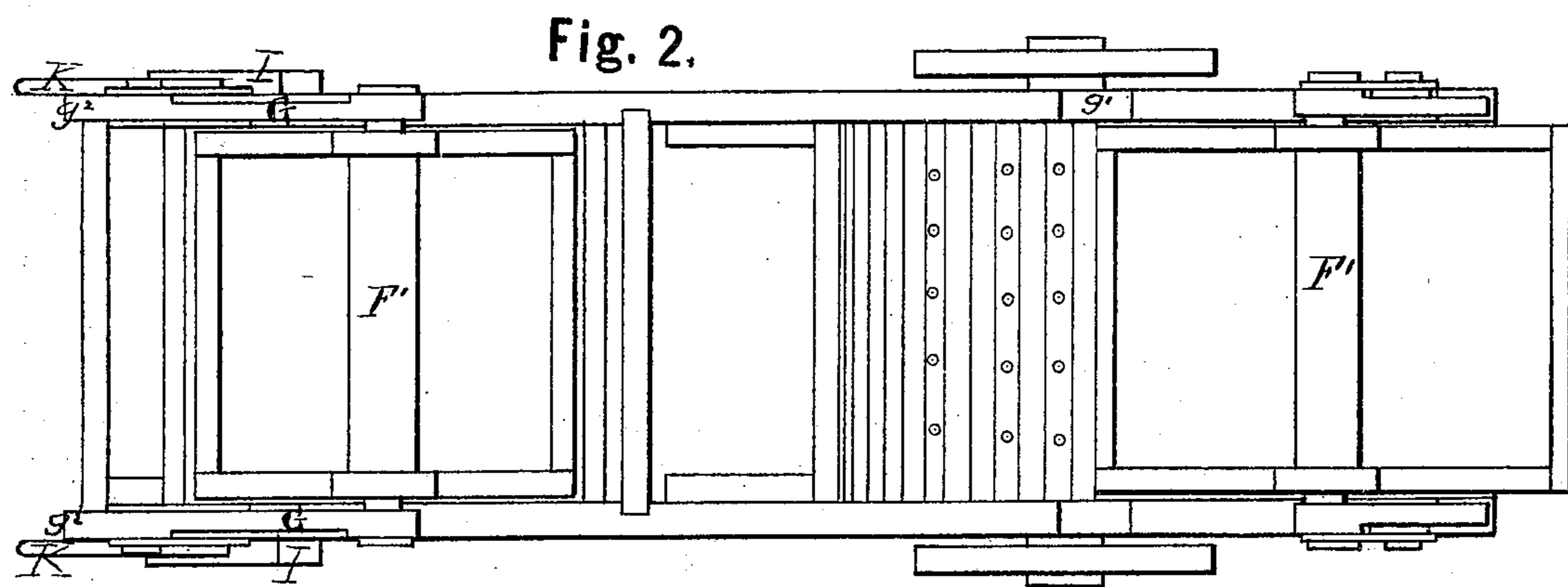
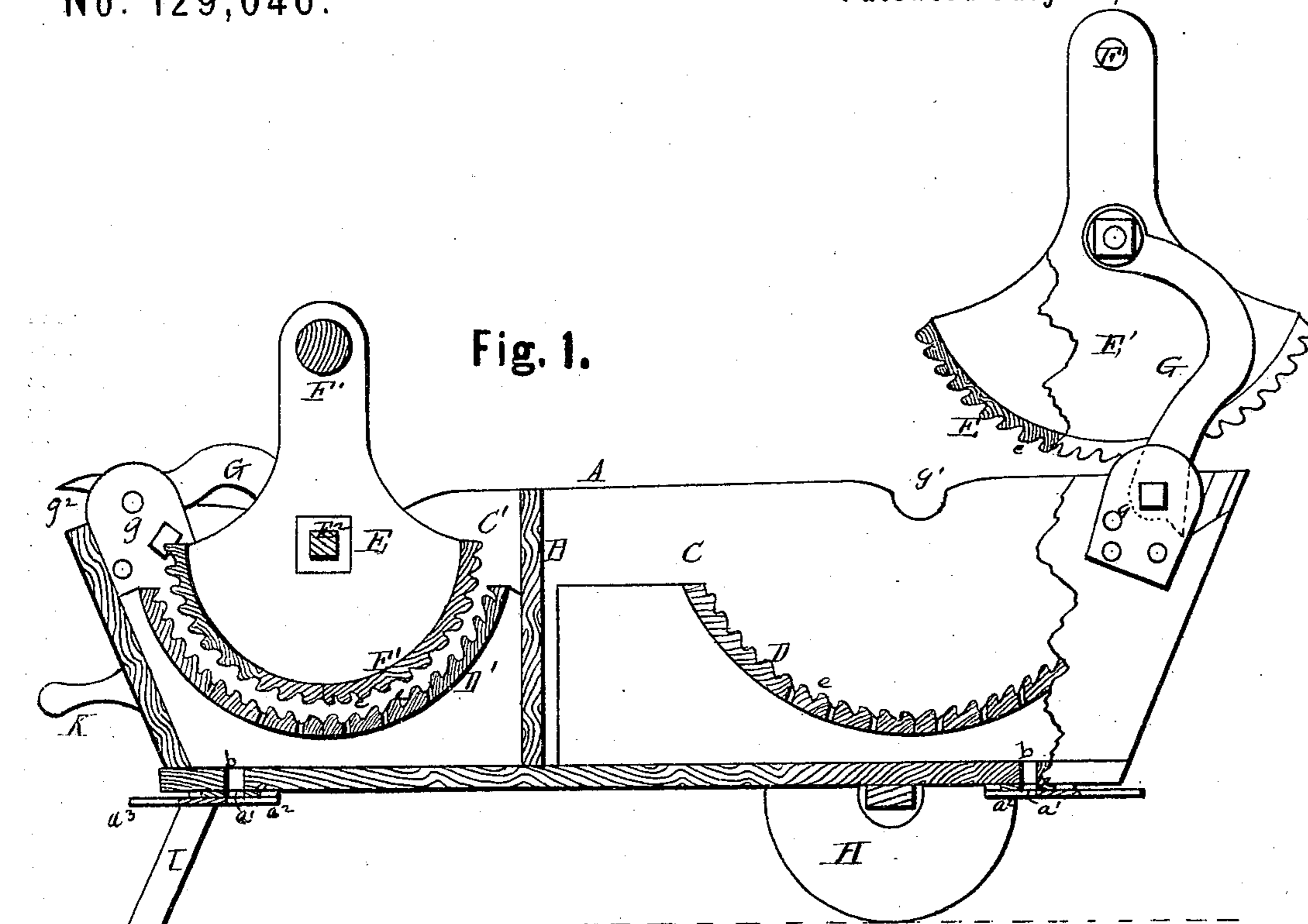
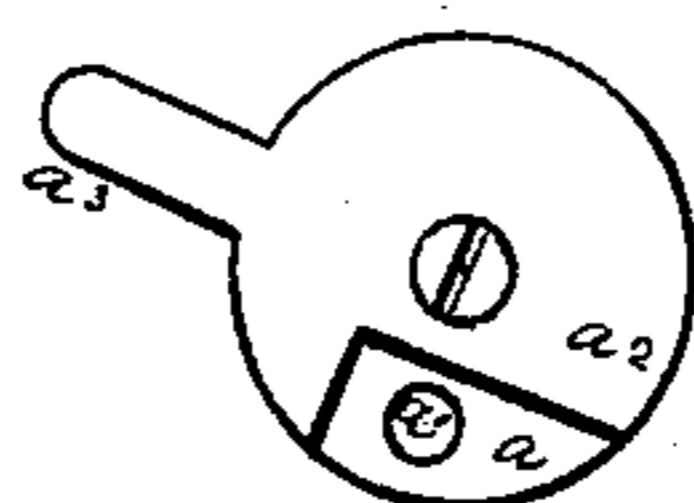


Fig. 3.



WITNESSES.
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UNITED STATES PATENT OFFICE.

GREER J. NEWMAN, OF MILLVILLE, TEXAS.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 129,046, dated July 16, 1872.

To all whom it may concern :

Be it known that I, GREER J. NEWMAN, of Millville, in the county of Rusk and State of Texas, have invented a new and valuable 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 drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a longitudinal vertical section of my invention. Fig. 2 is a top-plan view of the same. Fig. 3 is a detail view.

My invention has relation to washing-machines; and the novelty consists in providing the tank with two separate apartments or boxes for containing, respectively, suds and clear water, and in arranging the separating partition so that an ordinary wringer may be attached thereto and used on the clothes as they pass from the suds-box to the clear-water box; in the novel construction of the stationary and vibrating wash-boards, whereby the wadding of the clothes in the center is effectually prevented; the hinged arms, to the ends of which the movable wash-boards are pivoted, whereby the wash-boards may be swung out of the tub and supported while the clothes are being arranged; and in the combination, with a washing-machine set on wheels, of pivoted handles for raising and propelling the same, said handles having their inner ends beveled and supported by the inclined legs of the machine; and in the construction and novel arrangement of valves, operated by the feet, and used in emptying the boxes C C'.

In the drawing, A represents the tank of a washing-machine, of a rectangular form, and divided into two parts by a partition, B. The box C is designed to contain suds, and the box C' to contain clear water for rinsing purposes; or either of the boxes may be used indiscriminately for such purposes. D D' designate stationary concave and perforated wash-boards, with one of which each of the boxes C C' is provided. These wash-boards are so arranged that they may be lifted out of the boxes when it is desired to clean the latter. E E' represent the vibrating wash-boards of a

convex form, and provided with the side pieces F, extended upward, connected by horizontal handles F¹, and pivoted by means of transverse shafts F² to the S-shaped arms G, which are hinged to the plates g, the same being secured to the sides of the washing-machine. When the vibrating wash-boards are at work the ends of the arms G rest in recesses g¹ cut in the sides of the machine. To support the wash-boards when they are raised the arms G are constructed with shoulder projections g², which rest on the edges of the machine. The slats or ribs e of the wash-boards D D' E E' are beveled off from the middle of the boards in opposite directions, as shown, so that the clothes in being rubbed shall not be gathered or wadded in the center of the space between the stationary and movable boards, and thereby be an obstruction to the operation of the machine, or be in danger of getting torn. H represents wheels, supporting the washing-machine at one end; I, inclined legs attached to the sides, and supporting the machine at the other end. K represents pivoted handles, by which the end of the machine is raised when it is desired to transport the same on its wheels H. The handles may be lowered out of the way at will. The inner ends of said handles are beveled to coincide with the inclination of the legs I, against which they are braced when raised. To the bottoms of the boxes C C', near at the ends of the machine, are secured disks a, each having a hole, a¹, bored through it to correspond with a hole in the bottom of the box, and to let water pass through. To said disks are pivoted other disks, a², each furnished with a handle, a³, projecting beyond the adjacent end of the tub to admit of its being operated by the foot. The disks a² are designed for the purpose of closing and opening the holes a¹. For the latter purpose recesses are cut at b, and made to coincide with said holes.

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

1. A washing-machine tank divided into two compartments by a partition, B, adapted, respectively, to contain suds and rinsing-water, and provided with a stationary wash-board and vibratory rubber, the latter being pivoted to the arms G, which are hinged to the plates

g , and are provided with projections g^2 , substantially as specified.

2. The pivoted handles K, having their inner ends beveled, the wheels K, and inclined legs I, the pivoted valve-disks a^2 , having recess b , and the foot-lever a^3 , combined, constructed, and arranged in a washing-machine substantially as described.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

G. J. NEWMAN.

Witnesses:

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