

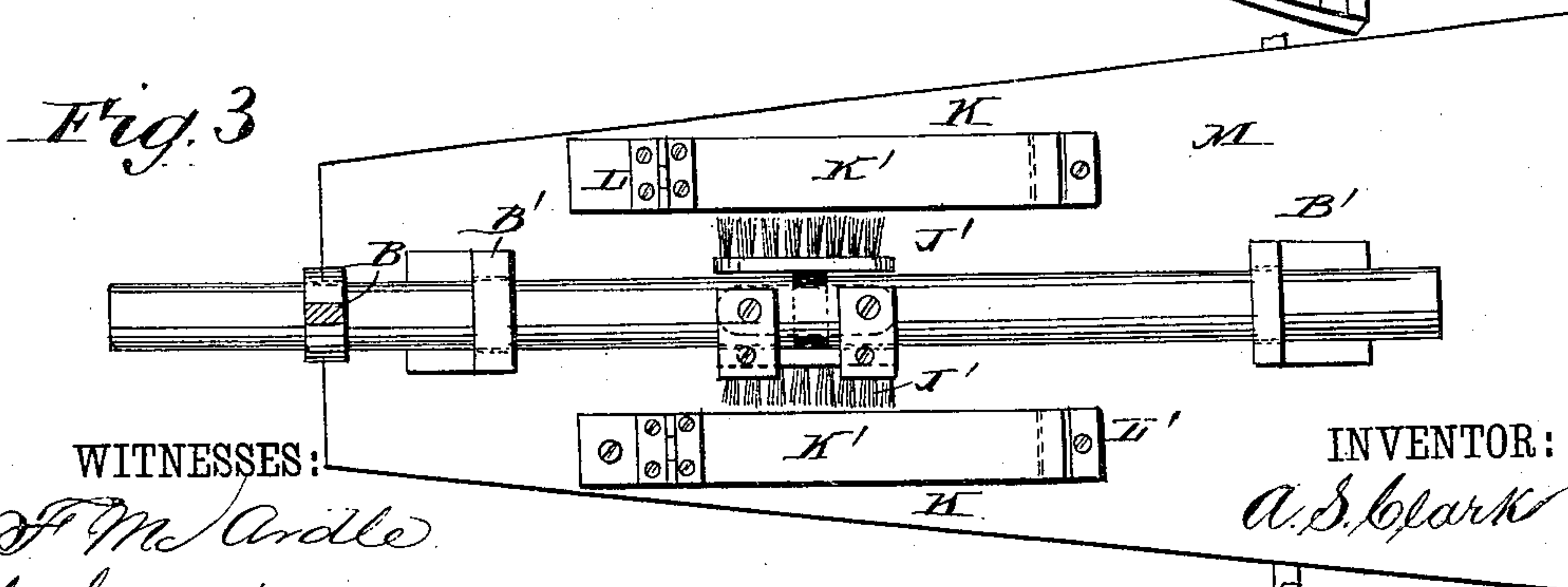
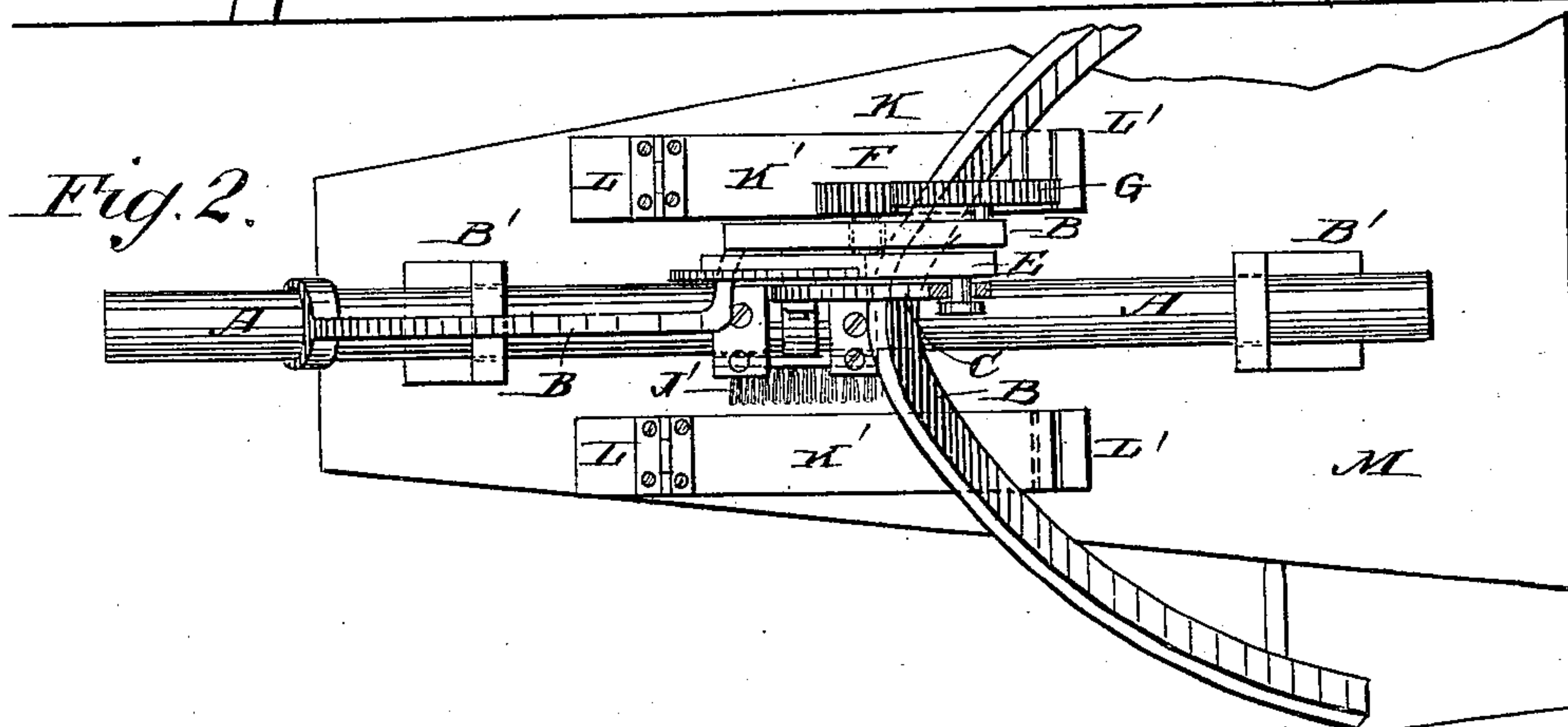
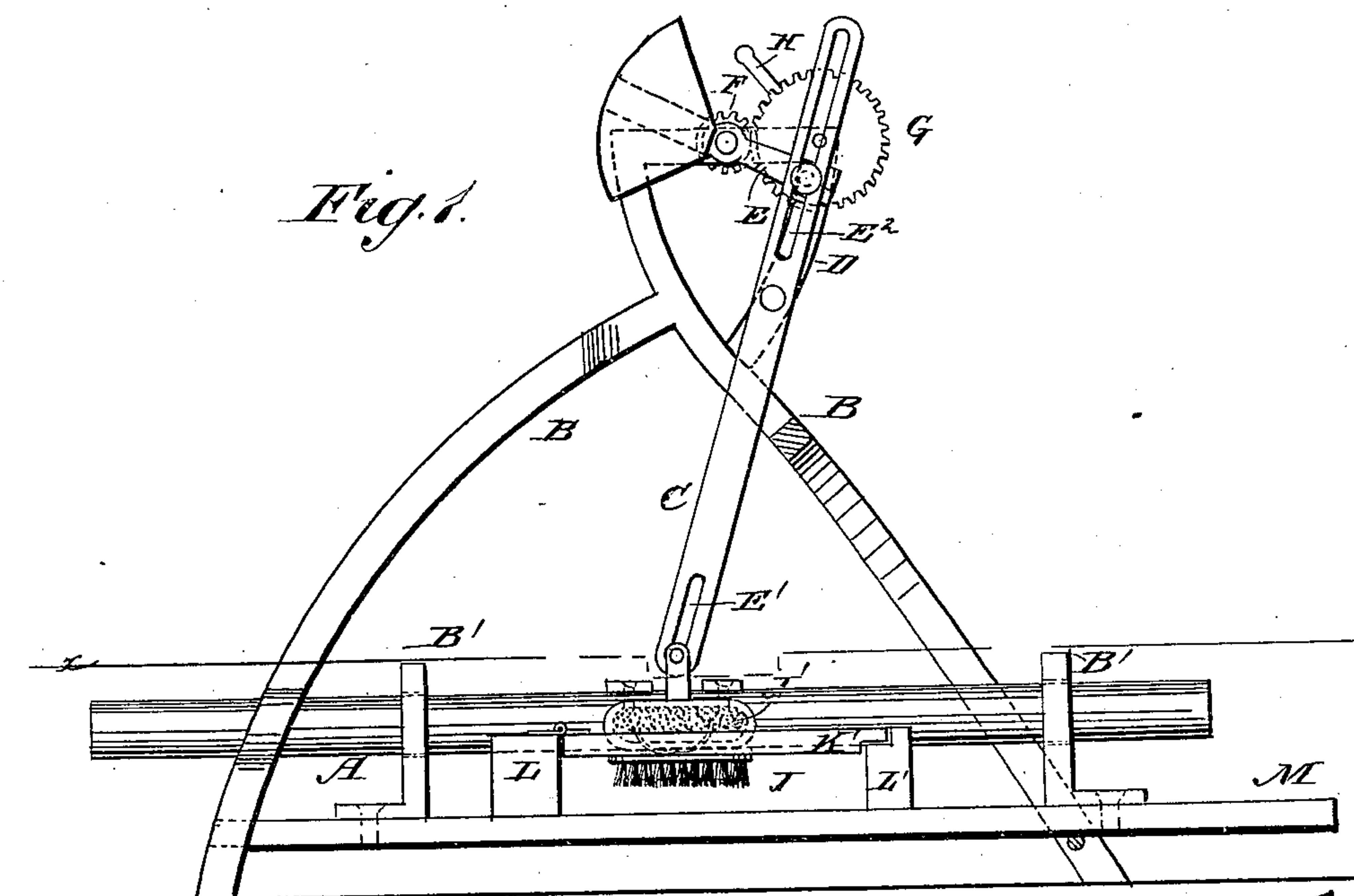
(No Model.)

A. S. CLARK.

BOOT AND SHOE BRUSHING MACHINE.

No. 246,462.

Patented Aug. 30, 1881.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

ALFRED S. CLARK, OF NEW ORLEANS, LOUISIANA.

## BOOT AND SHOE BRUSHING MACHINE.

SPECIFICATION forming part of Letters Patent No. 246,462, dated August 30, 1881.

Application filed June 7, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, ALFRED S. CLARK, of New Orleans, parish of Orleans, Louisiana, have invented a new and Improved Boot and Shoe Brushing Machine, of which the following is a specification.

The object of my invention is to provide a new and improved machine for brushing and polishing boots and shoes on the foot of the wearer.

The invention consists in a reciprocating rod provided with brushes at the sides and bottom and guided in the legs of a frame, to which a swinging lever is pivoted, actuated by a crank and intermediate cog-wheels, and connected with the brush-rod, which it reciprocates.

In the drawings, Figure 1 is a longitudinal elevation of my improved boot and shoe polishing machine. Fig. 2 is a plan view of the same. Fig. 3 is a plan view of the same, showing the upper frame removed.

The horizontal rod A is guided in suitable apertures in the lower parts of the legs of the tripod-frame B in the block B', and is reciprocated by means of a lever, C, which is pivoted to an arm, D, of the frame B. This lever C is provided at its lower and upper ends with the longitudinal slots E' and E<sup>2</sup>, respectively. A pin or pintle of the rod A passes through the slot E<sup>2</sup>, and a pintle at the end of a lever, E, pivoted to the frame B, passes through the slot E<sup>2</sup>. A pinion, F, is mounted on the pintle or pivot of the lever E, and engages with a larger ratchet-wheel, G, provided with a crank, H, and pivoted to the frame B. By turning the crank H the rod A will be reciprocated. A brush, J, is attached to the underside of the rod

A, and brushes J' J' are attached to the sides. A foot-rest, K, is formed at each side of the rod A, and consists of a strip, K', pivoted to a block, L, and resting upon a block, L', in such a manner that the upper surface of the strip K' will be about on the same level as the bottom of the brush J', and the strip K will also be parallel with the rod A, and the inner longitudinal edge of this strip K' will be about in contact with the outer points of the bristles of the brushes J'.

The machine is provided with a base-plate, M.

The operation is as follows: If the top of the boot or shoe is to be brushed, the foot is passed under the hinged strip K' of the foot-rest and under the lower brush, J, or the strip K' of the foot-rest is first raised. If the sides of the shoe or boot are to be polished, the foot is placed on the strip K in a position parallel with the rod A, and one of the upper brushes, J', is used, accordingly as the right or left hand side of the boot or shoe is to be brushed. The brushes reciprocate very rapidly, and will brush and polish a shoe or boot in a very short time.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

In a boot and shoe brushing machine, the combination, with the reciprocating rod A, of the brushes J and J', the lever C, the lever E, the pinion F', the cog-wheel G, and the crank H, substantially as herein shown and described, and for the purposes set forth.

ALFRED SÉVÉRIANO CLARK.

Witnesses:

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