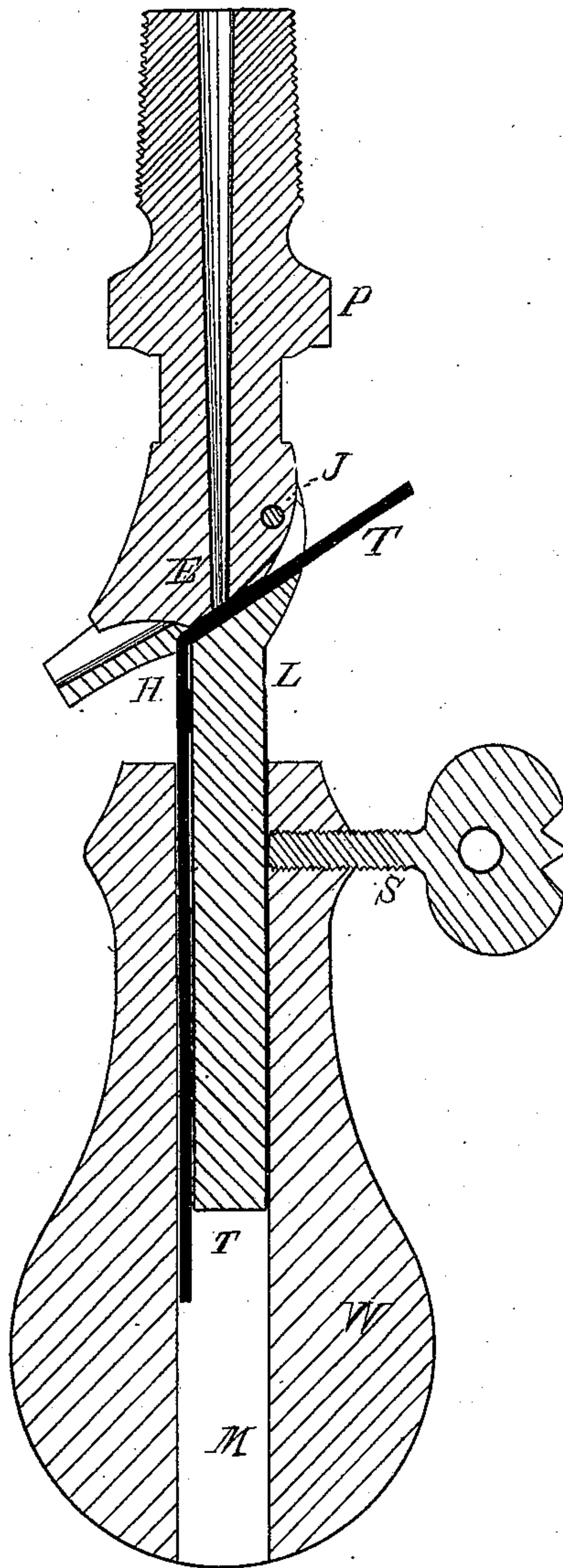


A. H. JERECKI.
Gage-Cock.

No. 200,396.

Patented Feb. 19, 1878.



WITNESSES

Geo. A. Sturgeon

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UNITED STATES PATENT OFFICE.

ALBERT H. JARECKI, OF ERIE, PENNSYLVANIA.

IMPROVEMENT IN GAGE-COCKS.

Specification forming part of Letters Patent No. **200,396**, dated February 19, 1878; application filed November 1, 1877.

To all whom it may concern:

Be it known that I, ALBERT H. JARECKI, of Erie, in the county of Erie and State of Pennsylvania, have invented a new and useful Improvement in Weighted Gage-Cocks; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to the construction of what are known as "weighted gage-cocks," and consists in the manner of applying the packing. The packing in gage-cocks of this kind has usually been done by setting a piece of packing in a mortise in the contact-face of the weighted part. When this piece of packing became worn it had to be picked out and a new one set in. Others have provided a slot-mortise, through which a tape of packing could be pulled, so as to present a new piece of packing when the part of the ribbon lately in contact had become worn.

My invention relates strictly to the improvement of this last-named form.

My invention is shown in the accompanying drawing by one figure, which is a longitudinal vertical section of the whole gage-cock, in which P is the plug which screws into the boiler. L is the lever, W the weight, and T the packing-tape. M is a mortise through the weight W, and by which said weight slips onto the lever L. S is a thumb-screw for securing the weight to the lever, and also for retaining in place the tape T. H is a guard or hood on the lever L, for deflecting the steam downward. E is the passage through the plug.

In outward appearance my gage-cock differs very little from others.

In my device the packing is in the form of a tape, and is concealed in a mortise in the head or weight, and thence passes upward between the meeting faces of the lever and the plug, where it performs its office of a packer.

When the part of the tape in contact with the escape becomes worn by the action of the steam, the thumb-screw S can be loosened, and the tape can be pulled along sufficiently to make a new packing over the escape.

The application of a running tape in the connection shown—*i. e.*, between the faces of the lever and plug—is not new; but to conceal and protect that tape within the weight, and the thumb-screw or similar device for retaining and adjusting the tape, I think are novel. There might be provided in the weight a ratchet arrangement, like a lamp-wick raiser, for running the tape; but I think it is not necessary.

The advantages gained by my construction are neatness of appearance, entire protection of the tape before it is used, ease and certainty of adjustment of the packing, and a more perfect article of its kind.

What I claim as new is—

In combination with the weighted handle of a steam gage-cock, a packing-tape placed within the handle, and means, substantially as shown and described, for retaining and adjusting the same.

In testimony whereof I, the said ALBERT H. JARECKI, have hereunto set my hand.

ALBERT H. JARECKI.

Witnesses:

JNO. K. HALLOCK,

JNO. D. MCFARLAND.