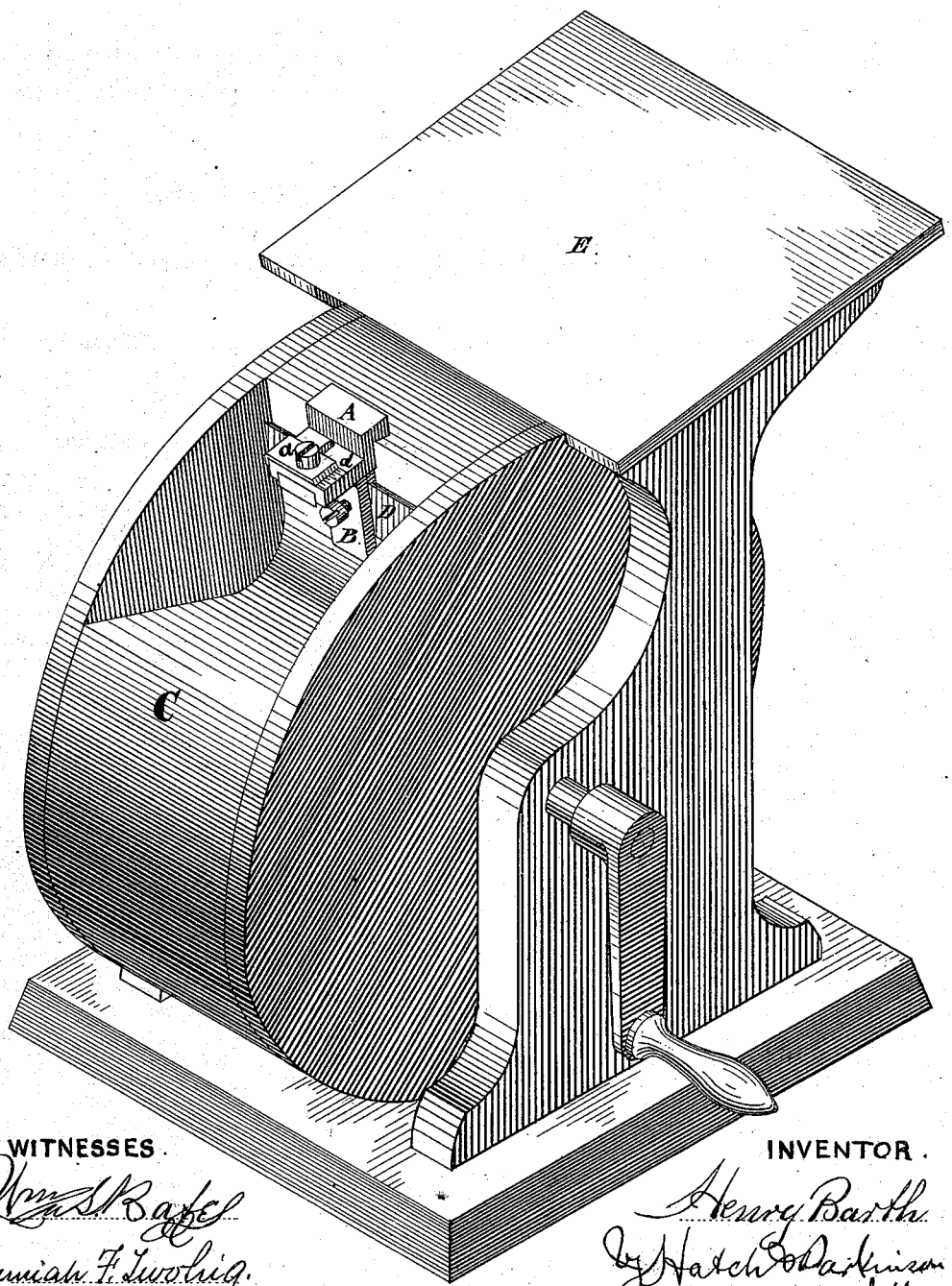
H. BARTH.

Feed-Gage for Cylinder Printing-Press.

No. 162,993. Patented May 11, 1875.



WITNESSES.

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UNITED STATES PATENT OFFICE.

HENRY BARTH, OF CINCINNATI, OHIO.

IMPROVEMENT IN FEED-GAGES FOR CYLINDER PRINTING-PRESSES.

Specification forming part of Letters Patent No. **162,993**, dated May 11, 1875; application filed January 12, 1875.

To all whom it may concern:

Be it known that I, HENRY BARTH, of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain Improvements in Printing-Presses, of which the following is a specification:

My invention relates to stop-cylinder printing-presses; and consists in the construction and arrangement of a feed gage or guide for the sheets on the cylinder, as will be more fully described hereinafter.

The drawing represents the cylinder of a printing-press with my invention applied, and the table from which the sheets are fed.

E is the table, from which the sheets are fed to the cylinder C. A is my guide, attached to the cylinder by the plate D, in the manner shown, and along which it is capable of sliding from side to side of the cylinder, and is fixed at any point by the screw B. The slot and screw *a* permit the forward and backward movement or adjustment of the guide. The cylinder is shown at the stopping-point. The sheets are slid down from the table E, against the guide A, and are then caught by clamps, in the usual manner, and carried around to the type by the revolution of the cylinder. At *d* is a scale for adjusting the guide.

In the ordinary machine, a guide is fastened on a rod extending across the face of and separate from the cylinder, which necessitates the sheets being led over tongues to bring them up against the guide. The consequence is that the paper, when pulled over tongues onto the cylinder, by the revolution of the latter, is wrinkled, and therefore does not print.

In my device tongues are unnecessary, as the guide is on the cylinder, and the paper comes to the type perfectly smooth and flat. Moreover, as the guide is attached to the cylinder, the sheets are against it until they are printed and delivered, and therefore cannot get out of place.

What I claim as my invention is—

In combination with the impression-cylinder of a printing-press, a gage or guide, when said gage is made vertically and circumferentially adjustable upon the face of the cylinder, substantially as shown.

Attest: HENRY BARTH.

WM. S. BATES,
JOHN BAUER.