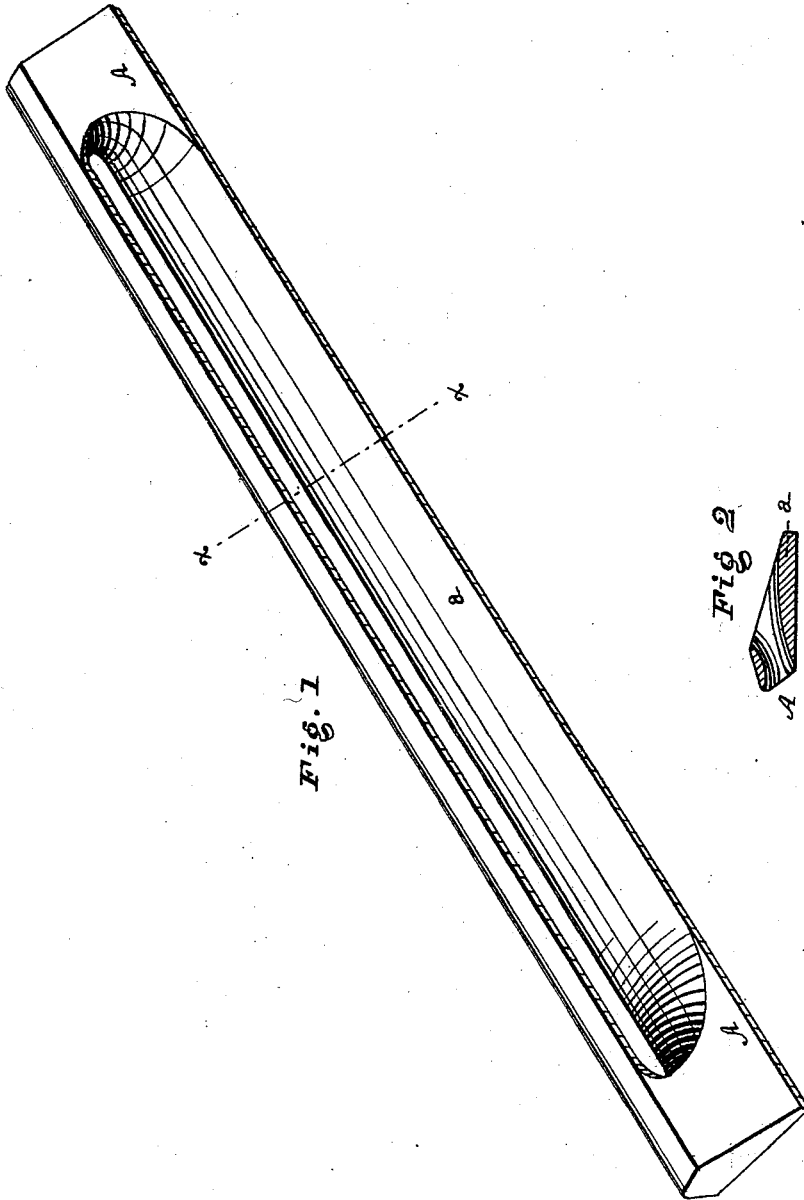


C. M. HAYS.
RULERS.

No. 185,102.

Patented Dec. 5, 1876.



WITNESSES:
Oliver Kemon
Chas. A. Pettit

INVENTOR:
Chas. M. Hays.
BY *Hunt & Co.*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

CHARLES M. HAYS, OF SILVER CITY, IDAHO TERRITORY.

IMPROVEMENT IN RULERS.

Specification forming part of Letters Patent No. **185,102**, dated December 5, 1876; application filed April 29, 1876.

To all whom it may concern:

Be it known that I, CHARLES M. HAYS, of Silver City, in the county of Owyhee and Territory of Idaho, have invented a new and Improved Ruler; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is a view in perspective. Fig. 2 is a transverse section in line *x x*, Fig. 1.

The invention relates to parallel rulers, and consists in making a slot longitudinally in the wood, metal, gutta-percha, or other material of which it may be formed, in order to enable one using it to see, without stooping, rising, or changing his position (at a table or desk) the figures under which a balancing-line is to be drawn, the same being thus readily done without danger of blotting.

A represents the rule, which may be notated

with a scale of inches on the front of the lower plate *a* and on the ends of the ruler. There may be also attached, in any preferred manner, a suitable paper-cutter.

The operation is as follows: The ruler is placed on a ledger and moved up and down, the book-keeper looking through the slot until his eyes meet the line or figures under which it is proper or desirable to draw a line. It has been found in practice very useful, and especially so where large ledgers are employed.

Having thus described my invention, what I claim as new is—

As a new article of manufacture, a ruler provided with a longitudinal slot or aperture extending therethrough, substantially as and for the purpose specified.

CHARLES M. HAYS.

Witnesses:

E. H. MOORE,
J. H. WICKENHAM.