

M. L. Bennett,

Tuning Scale.

No. 105029.

Patented July 5. 1870.

Fig. 2.

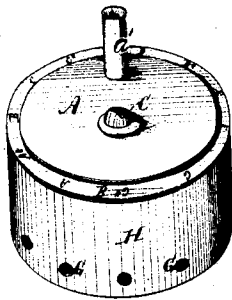
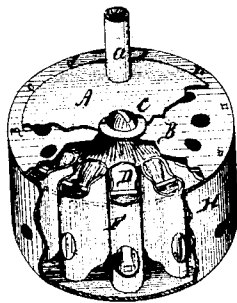


Fig. 1.



Witnesses:

Milton J. Warner,  
James A. Pliee

Inventor:

Morris L. Bennett  
By J. D. Dextro.  
his attorney

# United States Patent Office.

MORRIS L. BENNETT, OF WAVERLY, NEW YORK.

Letters Patent No. 105,029, dated July 5, 1870.

## TUNING-SCALE.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, MORRIS L. BENNETT, of Waverly, in the county of Tioga and State of New York, have invented a new and valuable Improvement in Tuning-Scales; 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 perspective view of the instrument, with a part of the case removed to show the position of the reed-pipes.

Figure 2 is a perspective view, showing the arrangement of the tones of the scale.

The case of the scale H is made of metal, hard rubber, or other suitable material, cylindrical in shape.

Within the case the reed-pipes are arranged in the form of a circle, with an opening, G, in the bottom of each pipe, for the escape of the air, extending through the case. The reed-pipe is contracted in the middle, in such manner as to hold the reed in place without fastening, so it can be drawn out when necessary.

Over the reed-pipes is placed the plate B, with an opening through it for each reed, the opening only admitting the air in the pipe, inside of the reed, and on this plate are marked the tones of the reeds.

Above this plate is the circular plate A, which is just large enough to cover the openings through the plate B. In this plate is fixed the mouth-piece *a'*. This plate B turns upon its center, C, so as to allow the mouth-piece to be brought in connection with any desired reed. The reeds are tuned to represent a single octave of the musical scale.

*Claim.*

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

The arrangement and combination of the reed-pipes F, of the shape described, in a cylindrical case, (the rods being tuned to represent an octave of the musical scale,) together with the plates B and A, with the mouth-piece *a'*, so as to allow the mouth-piece to be brought in connection with any desired reed or tone, substantially as herein described.

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

MORRIS L. BENNETT.

Witnesses:

MILTON J. WARNER,  
J. NEWTON DEXTER.