

No. 859,007.

PATENTED JULY 2, 1907.

W. NICHOLSON.
DRIVING BLOCK.
APPLICATION FILED MAR. 4, 1907.

FIG. 1.

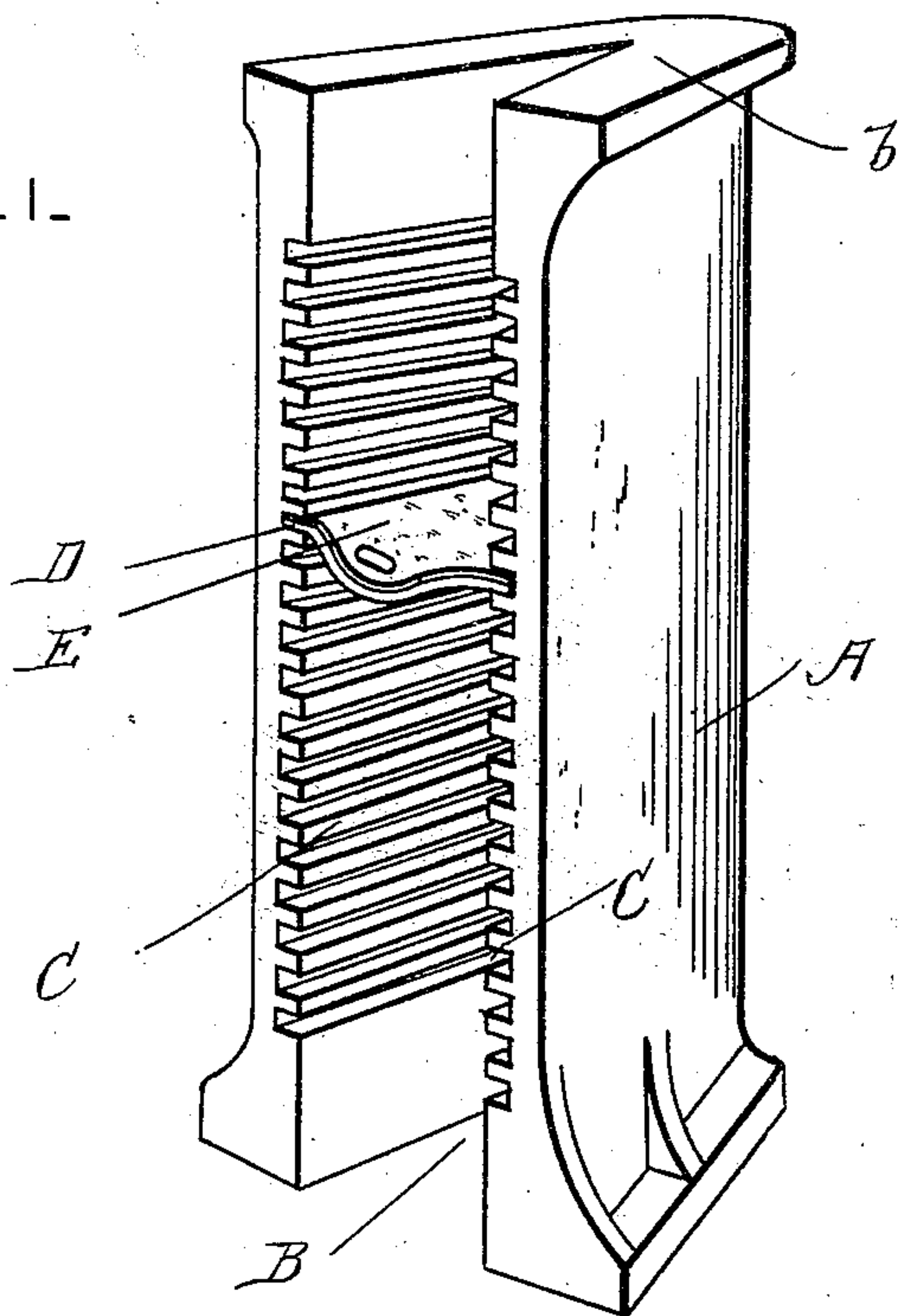
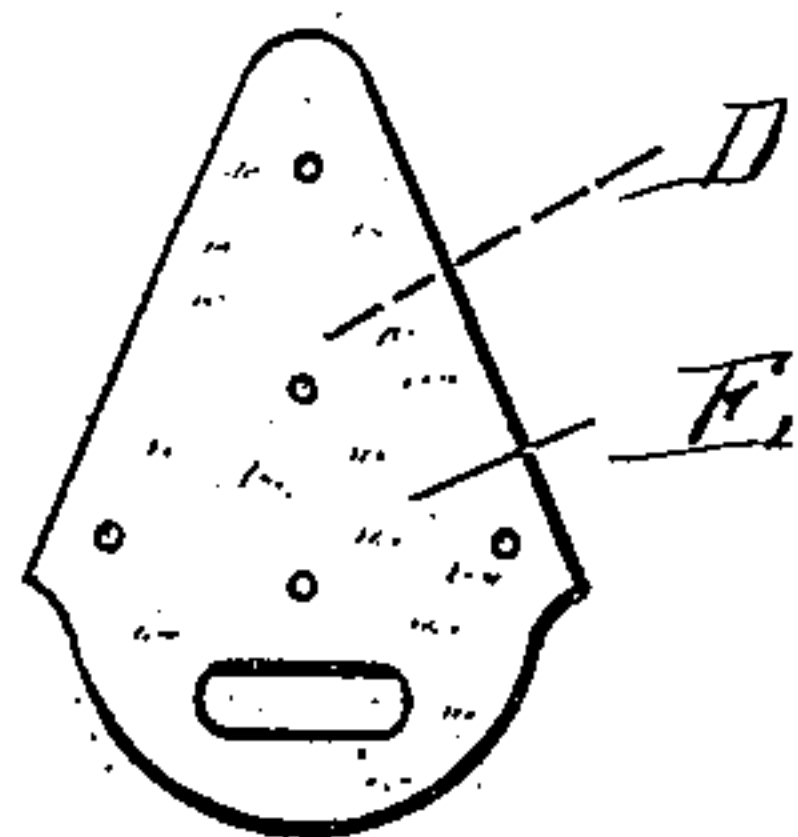


FIG. 2.



WITNESSES:

Walter Allen
N. E. Costello

INVENTOR

William Nicholson,

BY

Herbert W. Jenner.

Attorney

UNITED STATES PATENT OFFICE.

WILLIAM NICHOLSON, OF WILKES-BARRE, PENNSYLVANIA.

DRIVING-BLOCK.

No. 859,007.

Specification of Letters Patent.

Patented July 2, 1907.

Application filed March 4, 1907. Serial No. 360,336.

To all whom it may concern:

Be it known that I, WILLIAM NICHOLSON, a citizen of the United States, residing at Wilkes-Barre, in the county of Luzerne and State of Pennsylvania, have in-
5 vented certain new and useful Improvements in Driving-Blocks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

10 This invention relates to driving blocks used in connection with lathe mandrels; and it consists in the novel construction and combination of the parts hereinafter fully described and claimed.

In the drawings, Figure 1 is a perspective view of the
15 block. Fig. 2 is a detail plan view of the shelf.

A is a driving block having a wedge-shaped gap B, and a flat surface *b* at its top.

C are parallel grooves in the sides of the gap, and D
20 is a wedge-shaped shelf which is slidable into engagement with any of the said grooves so that it can be supported in any desired position in the gap of the said block. The bars of metal between the grooves C form a series of supports for the said shelf.

E is a plate of soft material, such as leather, which is
25 secured to the upper face of the said shelf.

In order to drive out a mandrel from a piston or other

article which is usually turned on a mandrel, the piston is laid on the flat surface *b* with the mandrel projecting into the gap. The projecting upper end of the
30 mandrel is then driven downward by any convenient means, and when the mandrel drops from the piston it is caught on the shelf instead of falling on the floor.

The angular shape of the gap and the adjustability of the shelf enables the driving block to be used for all sizes and lengths of mandrels which are ordinarily used. 35

What I claim is:

1. The combination, with a driving block having a gap provided with a series of supports on each side, of a shelf
40 which rests on the said supports at any desired distance from the top of the said block.

2. The combination, with a driving block having a gap provided with a series of supports at its sides, of a shelf
45 for engaging with the said supports and supported at any desired distance below the top of the said block, and a cushion of soft material on the upper face of the said shelf.

3. The combination, with a driving block having a gap provided with grooves in its sides, of a shelf for engaging
50 with the said grooves and supported at any desired distance below the top of the said block.

In testimony whereof I have affixed my signature in the presence of two witnesses.

WILLIAM NICHOLSON.

Witnesses:

HARRY S. NICHOLSON,
A. L. TURNER.