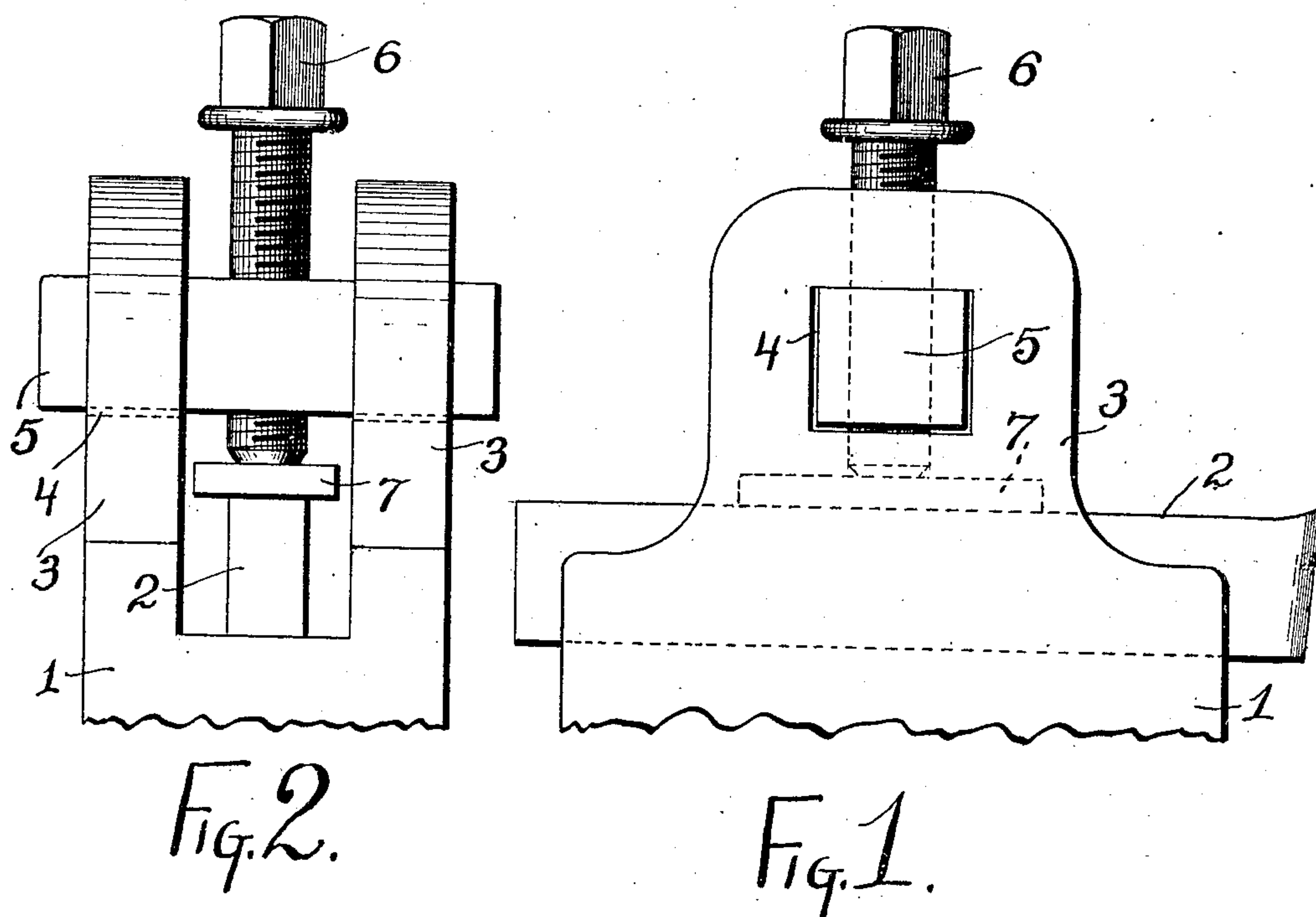


No. 835,764.

PATENTED NOV. 13, 1906.

G. T. REISS.
TOOL HOLDER FOR LATHES.
APPLICATION FILED MAR. 12, 1906.



George T. Reiss

Witnesses:
Elmer R. Shipley.
M. S. Belden.

Inventor
by James W. See
Attorney

UNITED STATES PATENT OFFICE.

GEORGE T. REISS, OF HAMILTON, OHIO, ASSIGNOR TO NILES-BEMENT-POND COMPANY, OF JERSEY CITY, NEW JERSEY.

TOOL-HOLDER FOR LATHES.

No. 835,764.

Specification of Letters Patent.

Patented Nov. 13, 1906.

Application filed March 12, 1906. Serial No. 305,491.

To all whom it may concern:

Be it known that I, GEORGE T. REISS, a citizen of the United States, residing at Hamilton, Butler county, Ohio, (post-office address care Niles Tool Works Company, Hamilton, Ohio,) have invented certain new and useful Improvements in Tool-Holders for Lathes, of which the following is a specification.

10 This invention, relating to tool-holders for lathes, will be readily understood from the following description, taken in connection with the accompanying drawings, in which—

15 Figure 1 is a side view, and Fig. 2 a rear view, of a tool-holder embodying my invention.

20 In the drawings, 1 indicates the base portion of the tool-holder, to be formed with or secured to any ordinary suitable tool-rest; 2, the tool resting thereon; 3, a pair of ears rising from the base portion and straddling the tool, the distance between the ears being greatly in excess of the thickness of the tool; 4, a mortise extending horizontally through

each ear above the level of the top of the tool; 25 5, a nut-bar engaging these mortises; 6, a set-screw threaded vertically through the nut-bar, and 7 a block whose presence is merely preferable in some cases between the top of the tool and the foot of the set-screw. 30

The tool in being set may be shifted sideways out of center with the tool-holder either squarely or angularly, and whatever may be the sidewise position of the tool the nut-bar may be shifted endwise, so that the set-screw 35 may come squarely over the tool.

I claim—

In a tool-holder for lathes, a base portion on which the tool may rest, ears projecting upwardly therefrom and horizontally mortised 40 above the tool-top level, a nut-bar engaging and horizontally shiftable in the mortises, and a set-screw vertically threaded into the nut-bar.

GEORGE T. REISS.

Witnesses:

SAM D. FITTON, Jr.,
M. S. BELDEN.