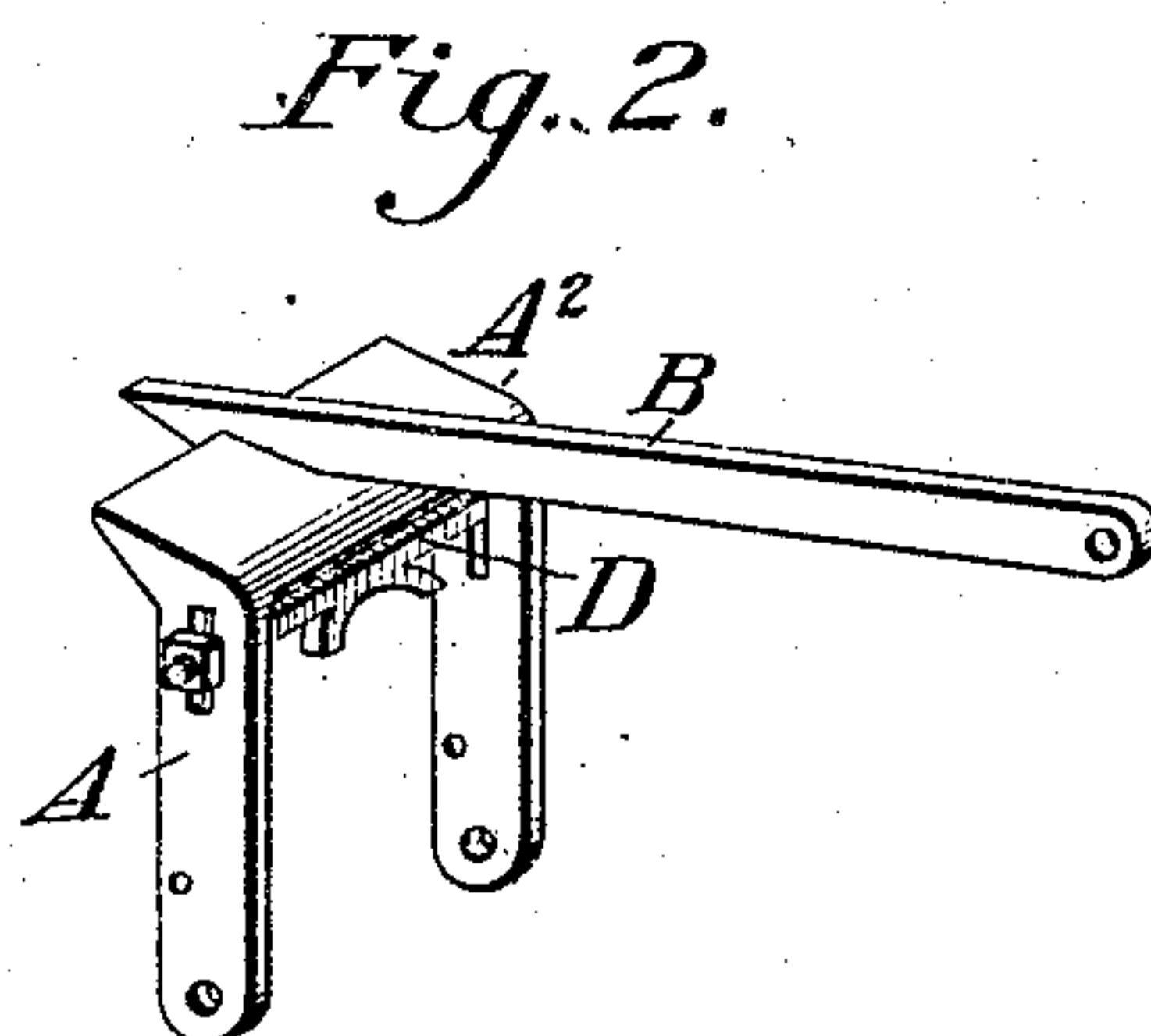
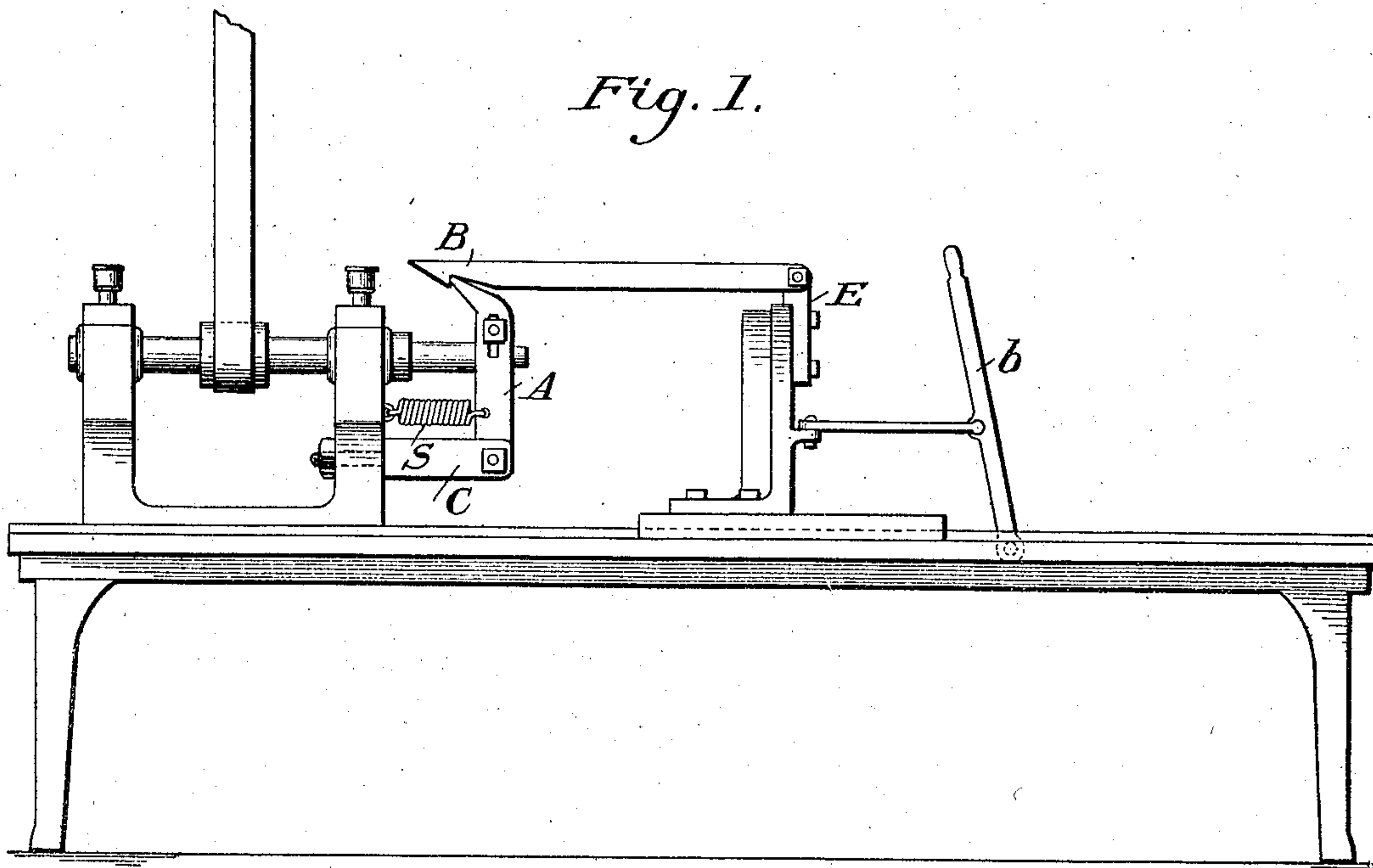


No. 791,179.

PATENTED MAY 30, 1905.

W. E. BUXTON.
STUB EXTRACTOR FOR WOOD TURNING LATHES.
APPLICATION FILED MAR. 20, 1903.



Witnesses:

Sam M. Kennedy
Marie H. Kennedy

Inventor:

Warren E. Buxton
By his attorney
George W. Kennedy

No. 791,179.

Patented May 30, 1905.

UNITED STATES PATENT OFFICE.

WARREN E. BUXTON, OF JERICHO, VERMONT.

STUB-EXTRACTOR FOR WOOD-TURNING LATHES.

SPECIFICATION forming part of Letters Patent No. 791,179, dated May 30, 1905.

Application filed March 20, 1903. Serial No. 148,732.

To all whom it may concern:

Be it known that I, WARREN E. BUXTON, a citizen of the United States of America, and a resident of Jericho, in the county of Chittenden and State of Vermont, have invented certain new and useful Improvements in Stub-Extractors for Wood-Turning Lathes, of which the following is a specification and which are set forth in the drawings forming a part hereof.

Figure 1 is a front view of my improvement applied to a lathe, and Fig. 2 is a perspective view of the stub-extractor.

As shown in Fig. 1, I provide an arm C, projecting from the head-stock of a lathe substantially parallel to the spindle. On the outer end of arm C is pivoted the lower end of a frame A, comprising two bars and a top piece or cross-bar A². The bars of such frame stand one on each side of the head-stock spindle and are slotted vertically to receive the ends of an adjustable bar D, having a curvature about such spindle. A spring S connects the frame to the head-stock, so as to maintain such frame in a substantially vertical posi-

tion. A tool-carriage, which is reciprocated by a lever b, has a standard E, to which is pivoted a hook B, which extends toward the head-stock and over the frame A and may engage the rearwardly-projecting edge on the cross-bar A² of said frame A. It will thus be seen that as the lathe-carriage is moved to the right by the lever b the hook B will eventually engage the cross-bar A² and swing the frame A to the right, when the cross-bar will engage the end of the work or stub which is held by the head-stock spindle and detach such work or stub from said spindle.

Having thus described my invention, what I desire to claim is—

The combination with a lathe of a pivoted device arranged near the end of the head-stock spindle and a hook on a tool-carriage adapted to engage said pivoted device and swing it against the end of the work to disengage the latter from the spindle.

WARREN E. BUXTON.

Witnesses:

F. F. BRADY,

D. W. KENNEDY.