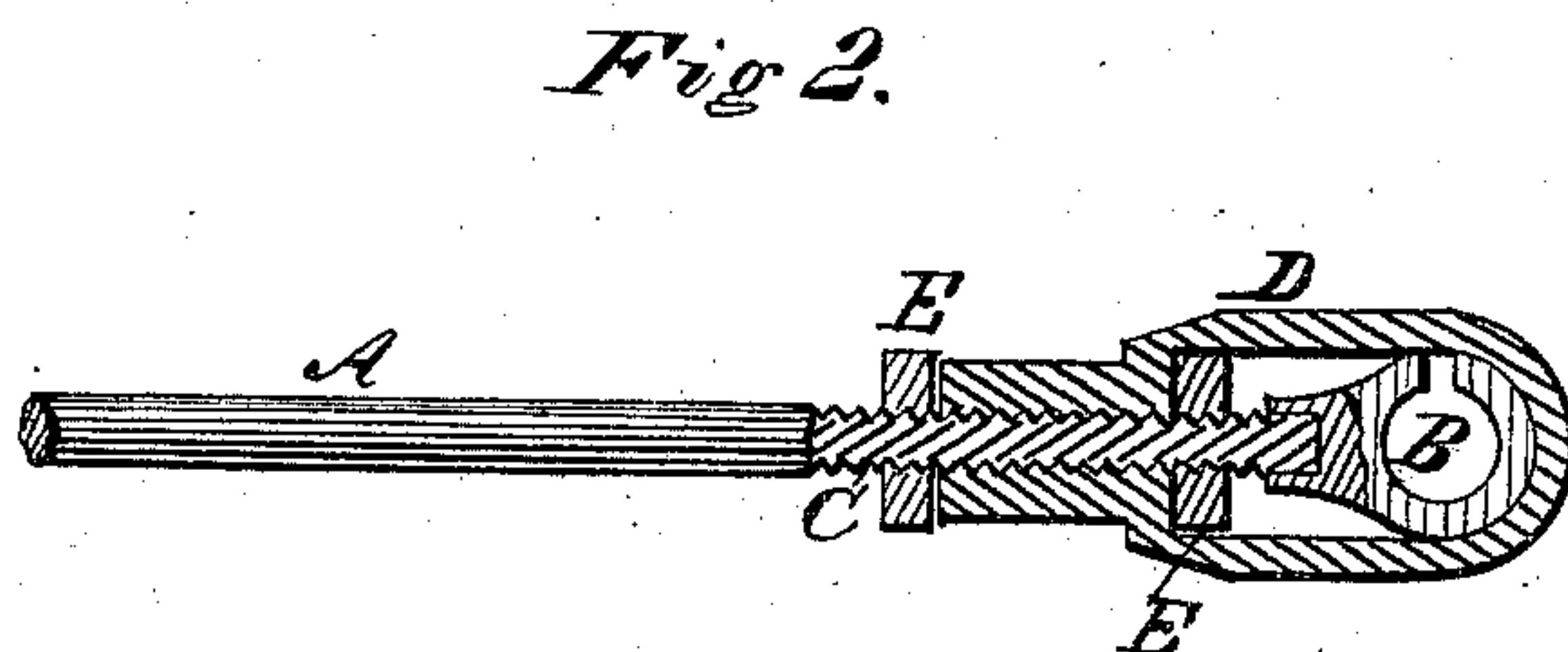
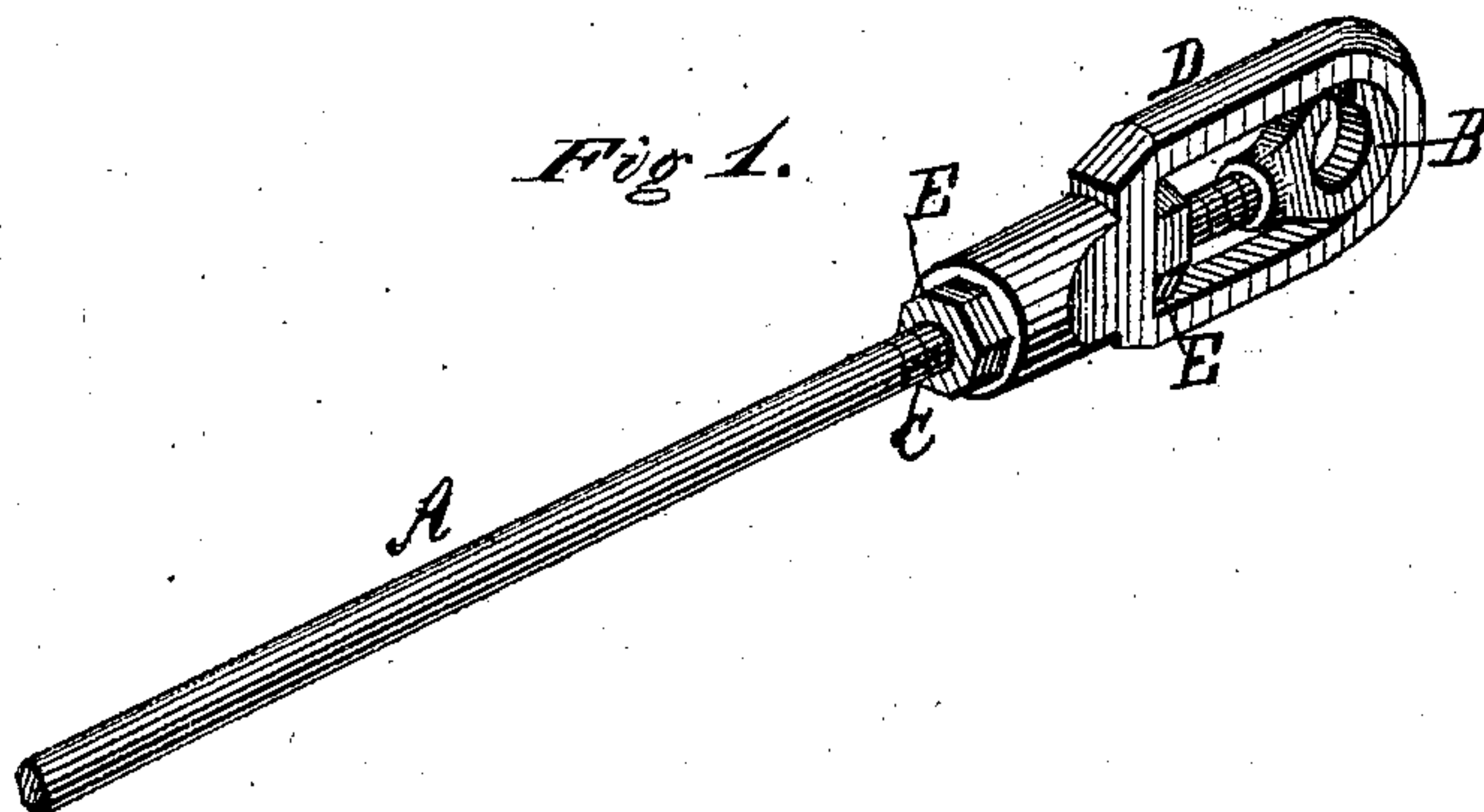


J. F. SEIBERLING.

Pitmen.

No. 147,436.

Patented Feb. 10, 1874.



*Witnesses.*

*Harry King.*  
*B. H. Morse*

*Inventor.*

*John F. Seiberling*  
*by his atty*  
*Wm. B. Adams*

# UNITED STATES PATENT OFFICE.

JOHN F. SEIBERLING, OF AKRON, OHIO.

## IMPROVEMENT IN PITMEN.

Specification forming part of Letters Patent No. **147,436**, dated February 10, 1874; application filed January 27, 1874.

*To all whom it may concern:*

Be it known that I, JOHN F. SEIBERLING, of Akron, in the county of Summit and State of Ohio, have invented a new and useful Improvement in Pitmen, of which the following is a specification, reference being had to the accompanying drawings, which make part of this specification, and in which—

Figure 1 represents a view in perspective of my improved pitman, part of the rod being broken away; and Fig. 2 a sectional view of the pitman-head.

The object of my invention is to so construct the crank-pin box of the pitman-head that it may be adjusted to compensate wear, so as always to fit snugly; and my improvement consists in combining a pitman-rod having a screw cut thereon, a yoke or slotted holder with a female screw therein, and a transversely-slotted spring-head or cut ring bearing against the yoke, and adjusted therein by means of the screw-threaded rod.

The crank-pin box of the pitman-head is peculiarly constructed. The upper end of the pitman-rod A carries a transversely-slotted

spring-head, B, which fits on the crank-pin. A male screw, C, on the pitman-rod passes through a corresponding female screw on a stirrup or yoke, D, which incloses the spring-head B. This spring-head fits on the end of the pitman-rod.

Now, by screwing up the pitman-rod, the spring-head will be jammed against the yoke, and thus be compressed on the crank-pin, and compensate its wear.

Jam-nuts E E hold the pitman and spring-head in place when screwed up.

In a full-sized pitman, the spring-head readily plays enough to accommodate this adjustment.

I claim as my invention—

The combination of the pitman, the yoke, and the slotted spring-head, all constructed and operating substantially as set forth.

In testimony whereof I have hereunto subscribed my name.

JOHN F. SEIBERLING.

Witnesses:

H. J. BARTON,  
J. M. POULSON.