

No. 630,933.

Patented Aug. 15, 1899.

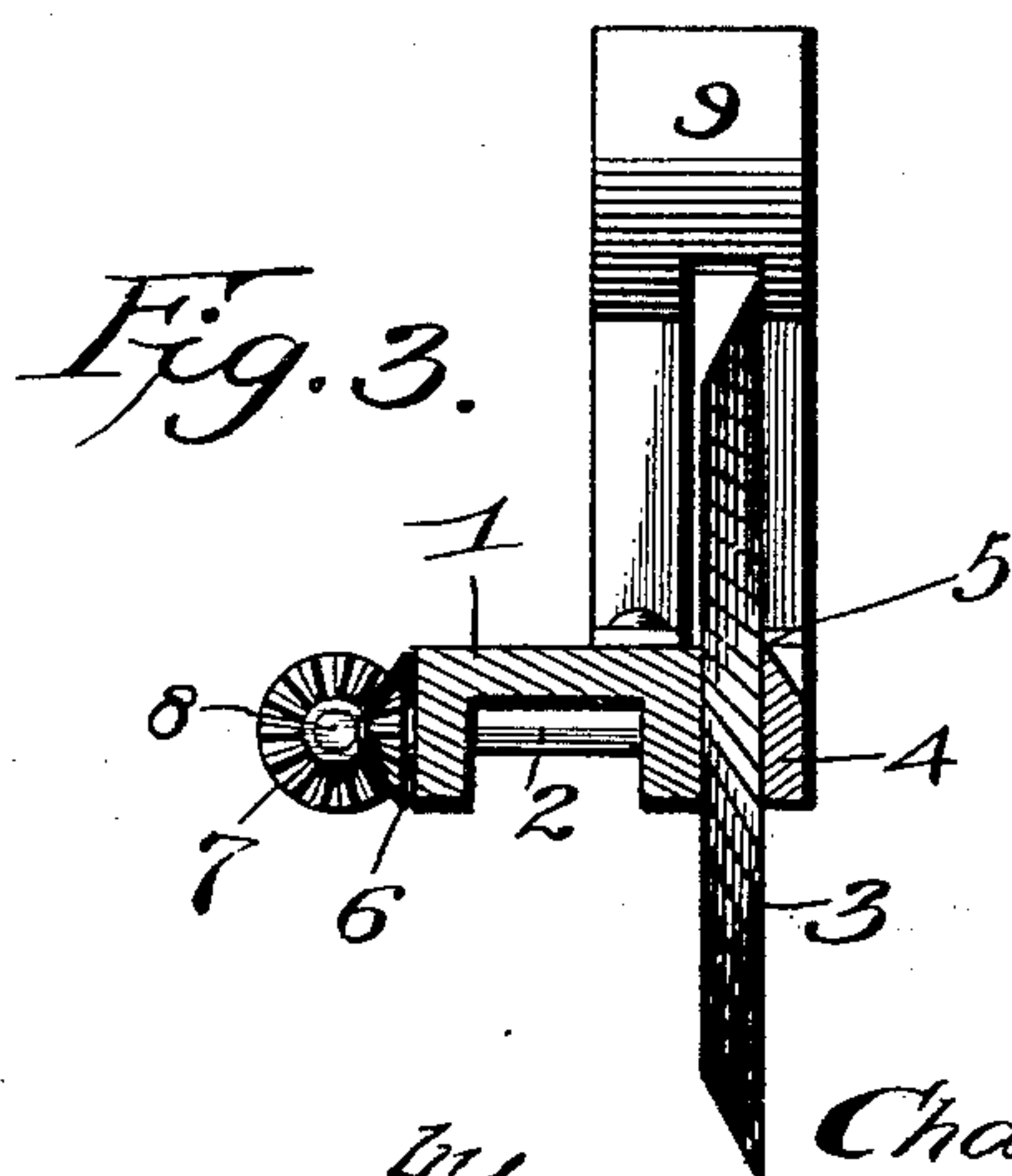
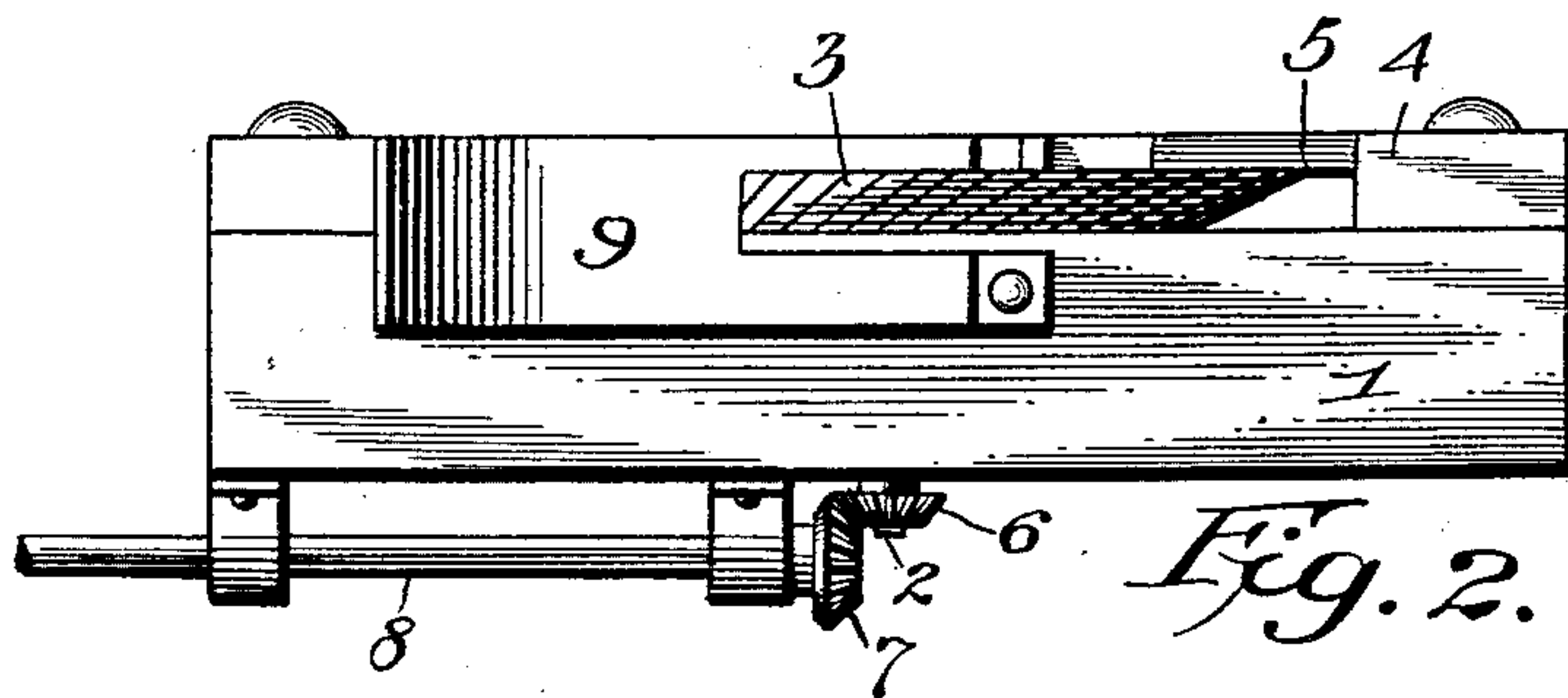
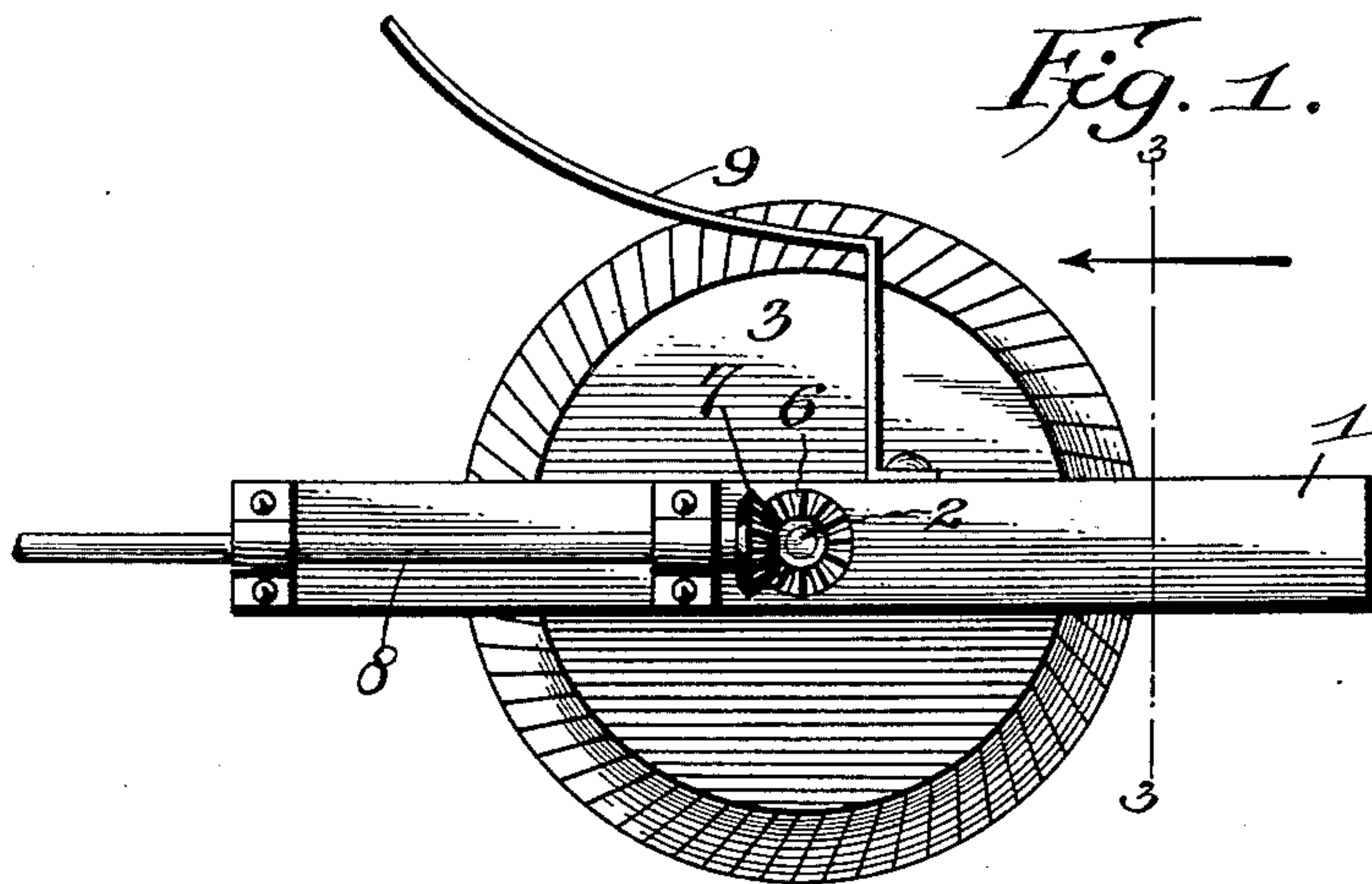
C. W. SANNER.

RICE HEADER.

(Application filed Mar. 29, 1899.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses

A. Roy Appleman
J. M. [Signature]

by

Charles W. Sanner.

Inventor,

Attorneys.

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2 Sheets—Sheet 2.

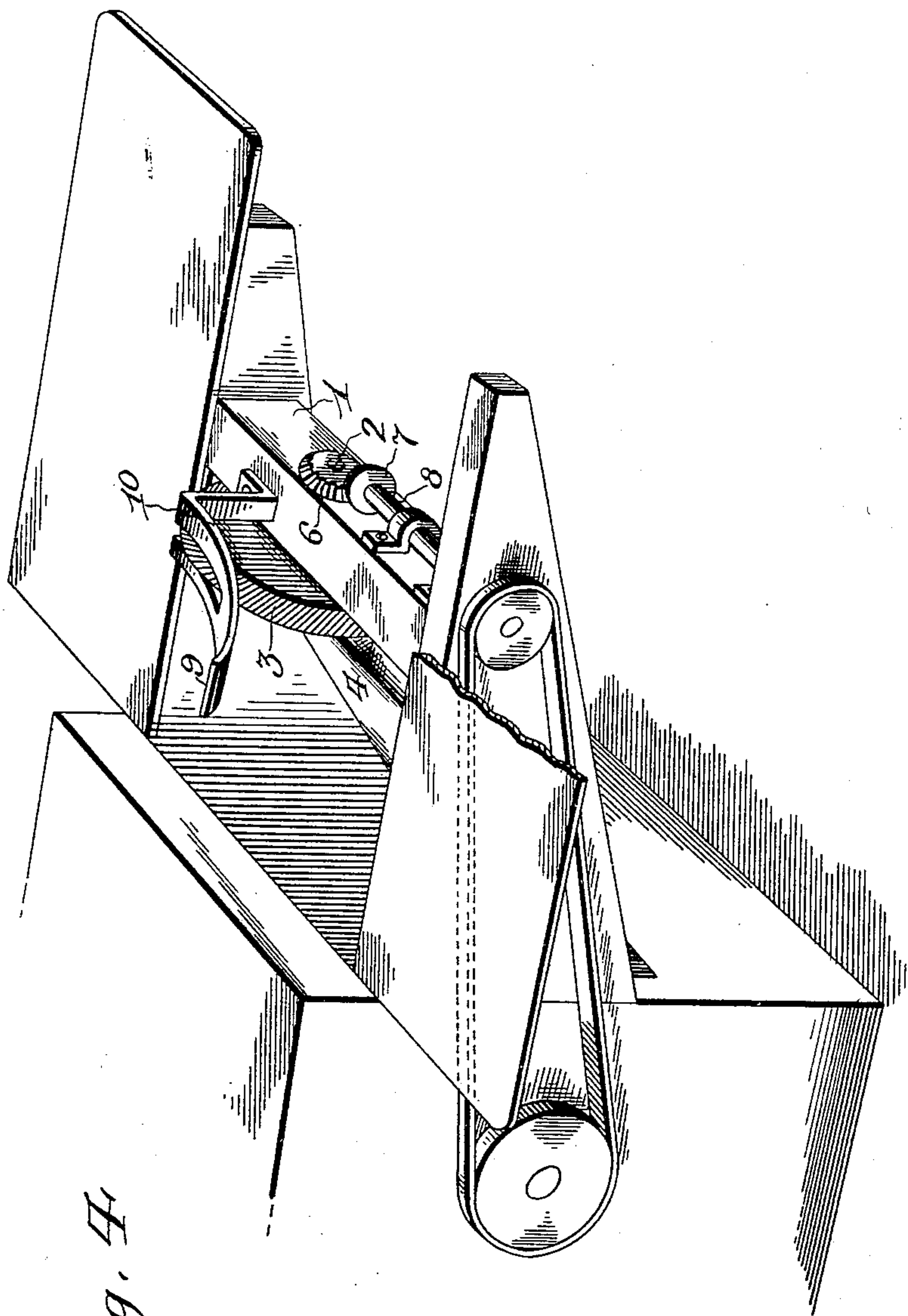


Fig. 4

Witnesses

D. L. Johnson,
E. C. Hunt,

by

Charles W. Sanner,
Attorneys

UNITED STATES PATENT OFFICE.

CHARLES W. SANNER, OF PRAIRIE HOME, ILLINOIS.

RICE-HEADER.

SPECIFICATION forming part of Letters Patent No. 630,933, dated August 15, 1899.

Application filed March 29, 1899. Serial No. 710,949. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. SANNER, a citizen of the United States, residing at Prairie Home, in the county of Shelby and State of Illinois, have invented certain new and useful Improvements in Rice-Headers; and I do 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.

My invention relates to an improved rice-header for cutting the rice-sheaves in wet seasons; and the object is to provide a simple, inexpensive, and convenient device for this purpose.

To this end my invention consists in the construction, combination, and arrangement of the same, as will be hereinafter more fully described, and particularly pointed out in the claim.

In the accompanying drawings the same reference characters indicate the same parts of the invention.

Figure 1 is a side elevation of my improved rice-header. Fig. 2 is a top plan view of the same, and Fig. 3 is a transverse section on the line 3 3 of Fig. 1. Fig. 4 is a perspective view, partly in section, showing the header applied to the forward end of a threshing-machine.

1 denotes a steel angle-bar which forms the support for the shaft 2, journaled therein, and on which the beveled and serrated edge cutting-disk 3 is fixed.

4 denotes a cutting-bar extending parallel with the plane face of the cutting-disk, and it is formed with a knife-edge 5, which coacts with the cutting edge of the disk to sever the sheaves.

6 denotes a bevel-gear fixed on the outer end of the saw-shaft and which meshes with a corresponding gear 7, fixed on the contiguous end of the longitudinal shaft 8, and it is preferably driven by a thresher to which the machine is attached in such a manner that the serrated disk severs the rice-heads, which then fall into the thresher-cylinder.

9 denotes a sheet-steel guard and throat-plate combined, which straddles the cutting-disk, and its edge 10 forms a cutter for the edge of the disk to work against when heading the rice.

The accompanying drawings show my invention in the best form now known to me; but many changes in the details might be made within the skill of a good mechanic without departing from the spirit of my invention as set forth in the claim at the end of this specification.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination with the steel angle-bar, the saw-shaft journaled therein, the beveled and serrated edge disk fixed on said shaft, the combined guard and throat-plate, and the cutter-bar provided with a cutting edge arranged contiguous to the cutting edge of said serrated disk, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CHAS. W. SANNER.

Witnesses:

HUGH SCOTT,
E. A. WALKER.