

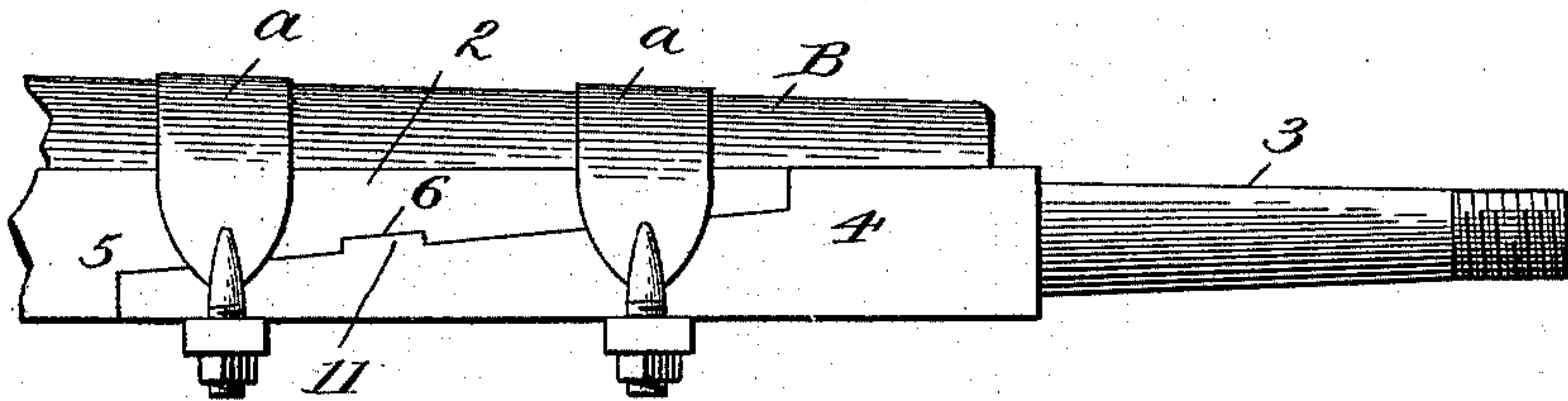
(No Model.)

J. P. MORRIS.  
VEHICLE AXLE.

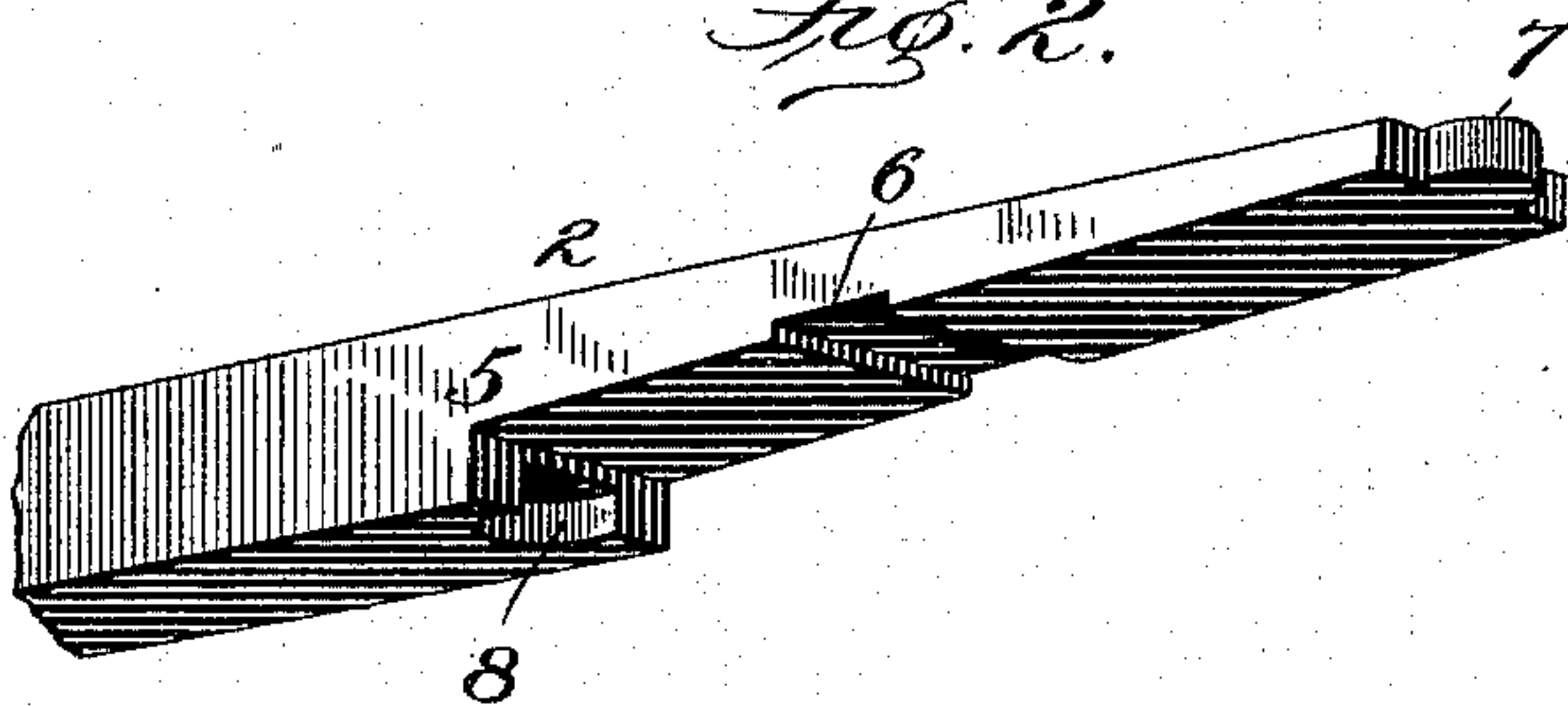
No. 573,281

Patented Dec. 15, 1896.

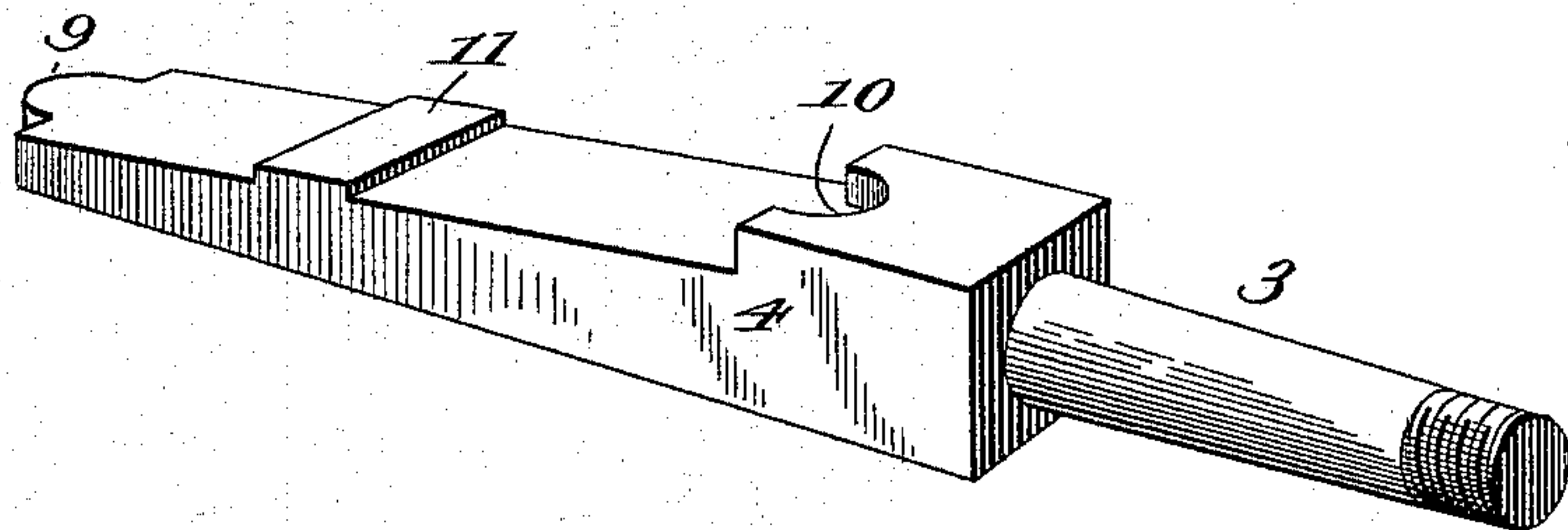
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JOHN POKE MORRIS, OF DENMAN, TEXAS.

## VEHICLE-AXLE.

SPECIFICATION forming part of Letters Patent No. 573,281, dated December 15, 1896.

Application filed May 23, 1896. Serial No. 592,867. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN POKE MORRIS, of Denman, in the county of Van Zandt and State of Texas, have invented an Improved Axle, of which the following is a specification.

The present invention relates to axles for carriages, wagons, &c., and has for its object the construction of an axle in such a manner as to enable the spindle and stock to be removed and replaced by a new one when worn out without going to the expense and trouble of going to a blacksmith.

With this object in view the invention consists of the details of arrangement and construction which will more fully appear hereinafter.

In the accompanying drawings, which form a part of this application, Figure 1 is a side elevation. Fig. 2 is a perspective view of the axletree. Fig. 3 is a similar view of the spindle and stock.

Like numerals and letters of reference indicate corresponding parts in the several views.

Referring to the drawings, 2 indicates the axletree, and 3 the spindle, which is provided with a stock 4. The axletree is made separately from the spindle and stock. The under side of the axletree 2 has a rabbet 5 and an incut 6. The extremity of the tree is provided with a male dovetail 7, and at the rear of the rabbet 5 is situated the dovetail recess 8.

The stock 4, to which the spindle is joined, is so constructed as to form the complement of the axletree 2, said stock having the male dovetail 9, fitting into the dovetail recess 8, and the dovetail recess 10 for the reception of the male dovetail 7. The stock also has the shoulder 11, fitting into the incut 6. After the axletree and stock are fitted together a strip B of the usual construction found in carriages and wagons is fitted upon the axletree, and clips *a a* are placed over the parts to be secured, securing them.

It will be readily seen from the above description the general utility of my invention.

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

The herein-described device, composed of an axletree, and stock and spindle so constructed as to be readily removed from each other and consisting of an axletree 2, a rectangular incut 6 situated on the under side of the axletree 2, circular dovetail recesses 8 and 10, male dovetails 9 and 7, and clips for securing the different parts together, substantially as set forth and described.

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

JOHN POKE MORRIS.

Witnesses:

W. L. HOLIFIELD,  
J. M. SIMS.