

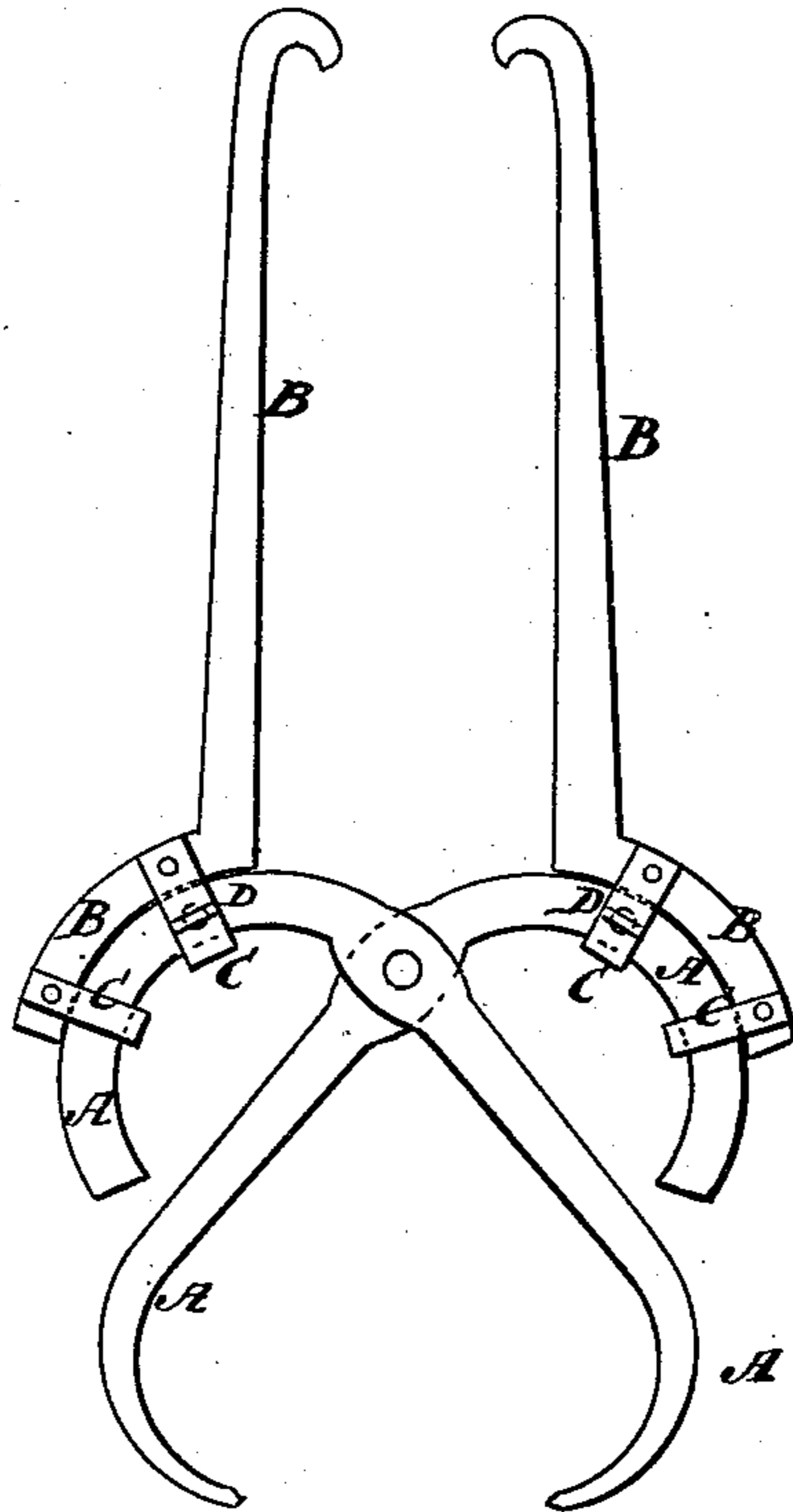
J. T. CAMPBELL.

LIFTING-TONGS.

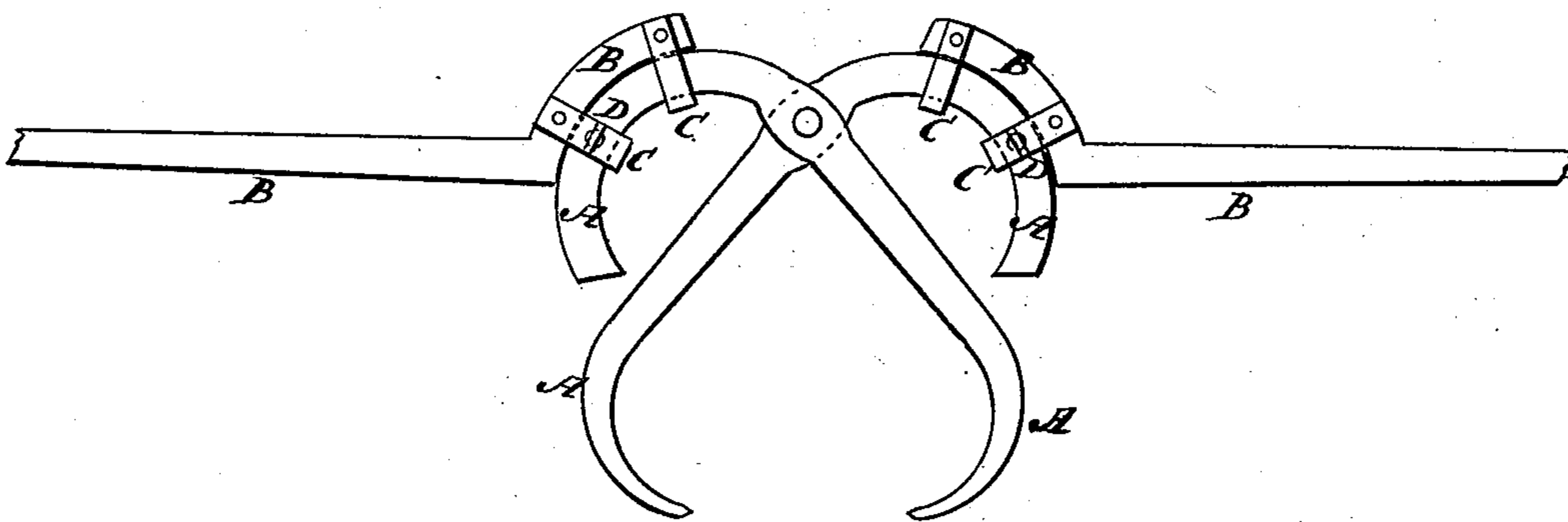
No. 190,194.

Patented May 1, 1877.

*Fig. 1*



*Fig. 2*



WITNESSES:

*E. Wolff.*  
*J. H. Scarborough.*

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*J. T. Campbell.*  
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# UNITED STATES PATENT OFFICE.

JOHN T. CAMPBELL, OF ROCKVILLE, INDIANA.

## IMPROVEMENT IN LIFTING-TONGS.

Specification forming part of Letters Patent No. 130,194, dated May 1, 1877; application filed April 2, 1877.

*To all whom it may concern:*

Be it known that I, JOHN T. CAMPBELL, of Rockville, in the county of Parke and State of Indiana, have invented a new and useful Improvement in Lifting-Tongs, of which the following is a specification:

Figure 1 is a side view of my improved lifting-tongs. Fig. 2 shows another adjustment of the same.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved device for lifting, carrying, dragging, or otherwise handling logs, timber, lumber, railroad-ties, stone, &c., and which shall be so constructed that it may be readily adjusted, as the character of the work to be done may require.

The invention consists in a lifting-tongs in which the handles are connected with the shanks of the jaws with an adjustable and reversible joint; and in the combination of the jaws, having their shanks bent outward upon a true curve, the handles, having their inner ends bent upon the same curve as the shanks of the said jaws, the loops or bands, and the set-screws, with each other, as hereinafter fully described.

A are the grab-jaws of the tongs, the ends of which are curved inward into suitable shape for grasping the object to be handled. The jaws A cross and are pivoted to each other, and their upper ends or shanks are curved outward, or from each other, upon a true curve. B are the handles, the inner ends of which are curved outward upon the same

curve as the shanks of the jaws A, and the outer ends of which have hooks formed upon them. To the curved inner parts of the handles B are attached loops or bands C, of such a size and shape as to fit accurately upon the curved shanks of the jaws A. To one of the loops C of each handle B is applied a set-screw, D, to secure the said handles in place when adjusted. With this construction the handles B may be adjusted near each other, as shown in Fig. 1, for dragging an object by a horse hitched to said handles, or by a single man, and may be adjusted out or in, according to the size of the object to be handled; or the handles may be reversed, as shown in Fig. 2, for two men to use in handling objects, and may be moved out or in, as the size of the object to be handled may require.

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

1. A lifting-tongs in which the handles B are connected with the shanks of the jaws A with an adjustable and reversible joint, substantially as herein shown and described.

2. The combination of the jaws A, having their shanks bent outward upon a true curve, the handles B, having their inner ends bent upon the same curve as the shanks of said jaws A, the loops or bands C, and the set-screws D, with each other, substantially as herein shown and described.

JNO. T. CAMPBELL.

Witnesses:

C. C. WATKINS,  
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