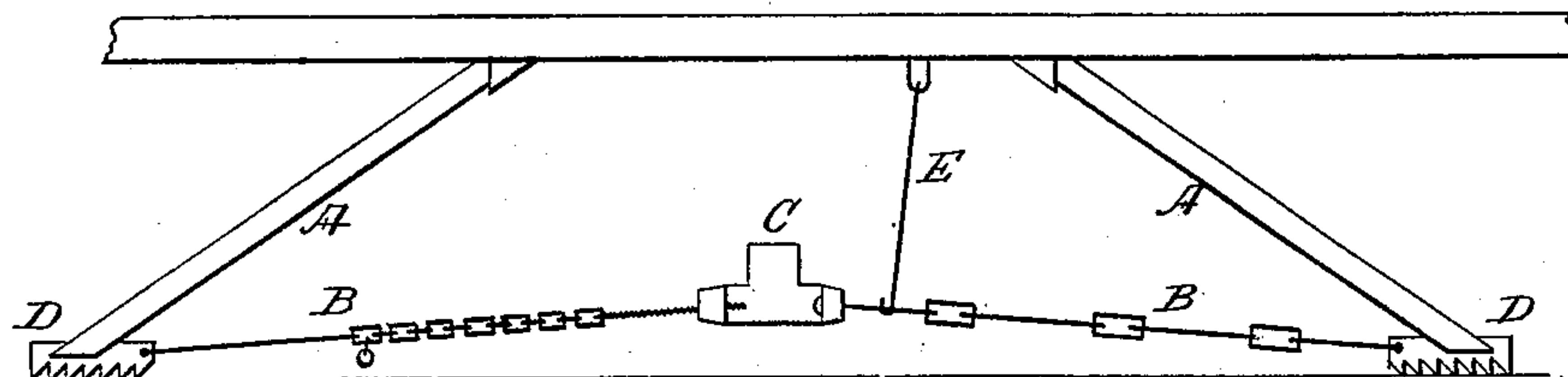


(No Model.)

M. BEAL.  
MACHINE BRACE.

No. 253,497.

Patented Feb. 14, 1882.



Witnesses

W. B. Fuller

C. W. Standen

Inventor

Moses Beal  
by W. L. Fay  
his atty

# UNITED STATES PATENT OFFICE.

MOSES BEAL, OF ELYRIA, OHIO.

## MACHINE-BRACE.

SPECIFICATION forming part of Letters Patent No. 253,497, dated February 14, 1882.

Application filed November 21, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, MOSES BEAL, a citizen of the United States, residing at Elyria, in the county of Lorain and State of Ohio, have  
5 invented new and useful Braces for Securing Farm-Engines, Machines, and Wheeled Implements Firmly in Position, of which the following is a specification.

My invention relates to adjustable braces  
10 for rigidly securing all kinds of farm-engines, movable machines, and implements on wheels in one position, so that said engines, machines, and implements will stand firmly, securely, and rigidly as long as desired when operating  
15 the same. I attain these objects by the mechanism illustrated in the accompanying drawing, showing a side elevation of said braces as applied to the under side of the broken section of the bed of a machine.

20 In the drawing, A A represent two braces, of suitable length, (with the upper ends inclined toward each other,) being about four feet six inches long for an engine, machine, or implement carried about two feet six inches  
25 high, said braces varying in length according to the height of the engine, machine, or implement that is to be held in position, and to be of suitable strength to sustain the desired strain, of wood or other suitable material,  
30 the top of said braces to be so finished as to fit in a socket or be otherwise secured to the bed or other part of the engine, machine, or implement to be held in position, and the lower ends of said braces A A to be connected with  
35 each other by rods B B or other suitable device that will prevent their separation, which rods or other suitable device to be provided with a screw and swivel, C, and chains or other suitable device for shortening or increasing  
40 the distance between the lower ends of said braces A A at pleasure. The lower ends of said braces A A may also be provided with

claws D D or other suitable device to prevent the lower ends of said braces A A from slipping on the floor or other surface on which  
45 they may be resting.

The center of the rods B B or other connection may be supported a suitable height by means of a rod and hook, E, to enable the swivel and screw C to be easily operated. 50

The operation of my invention is as follows, to wit: The upper ends of the braces A A, inclined toward each other, are placed in sockets a suitable distance apart on the bed of the engine, machine, or implement to be held in  
55 position. The lower ends of the braces A A are drawn together as far as can be done conveniently without means of the swivel and screw C, and fastened, as represented in the drawing, by taking up a link in the connecting-chain. Then the braces are forcibly drawn  
60 together further by means of the swivel and screw C until the braces A A are sufficiently rigid to secure the engine, machine, or implement in the position desired. On yielding  
65 surfaces or substances the lower ends of said braces A A or claws may be supported by blocks of wood or other suitable material laid on said yielding substance or surface.

What I claim, and desire to secure by Letters Patent of the United States, is— 70

The combination of two braces, A A, with their top ends inclined toward each other, connected at or near the bottom with the rods B B or other suitable device of suitable  
75 strength, and so constructed as to be shortened or lengthened at pleasure, the whole to be constructed and operated in the manner and for the purpose substantially as described.

MOSES BEAL.

Witnesses:

W. L. FAY,  
E. C. MANTER.