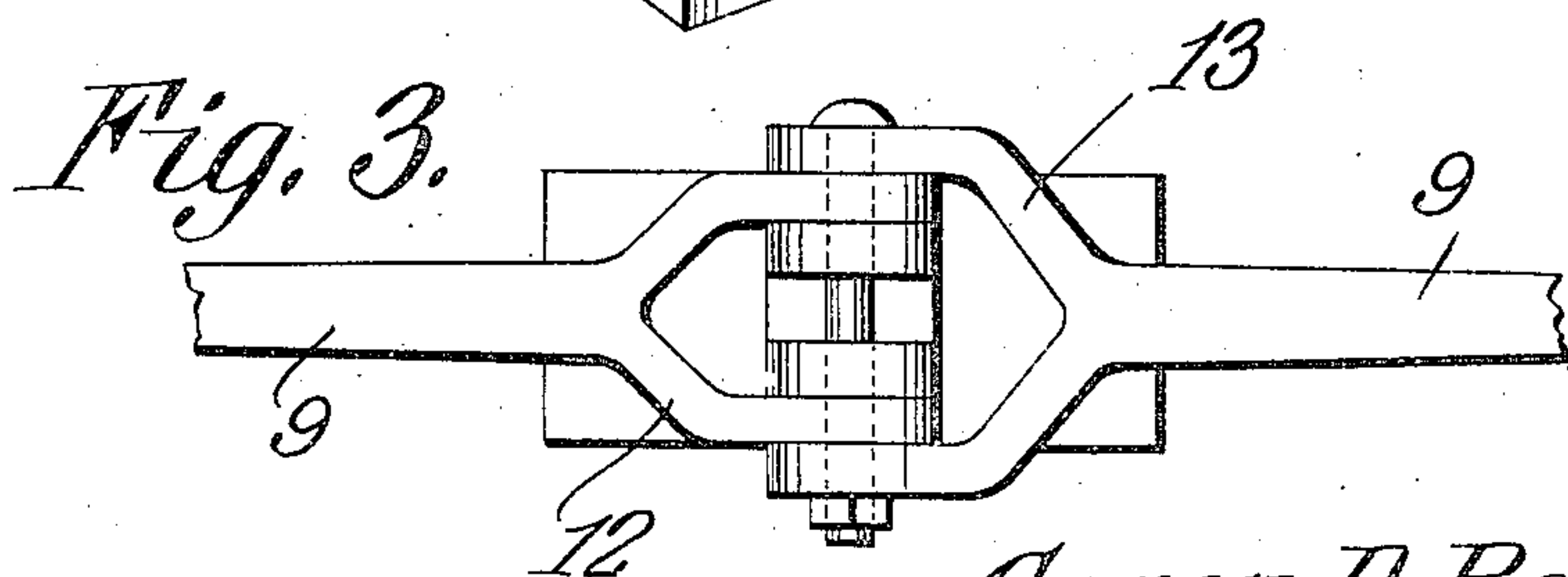
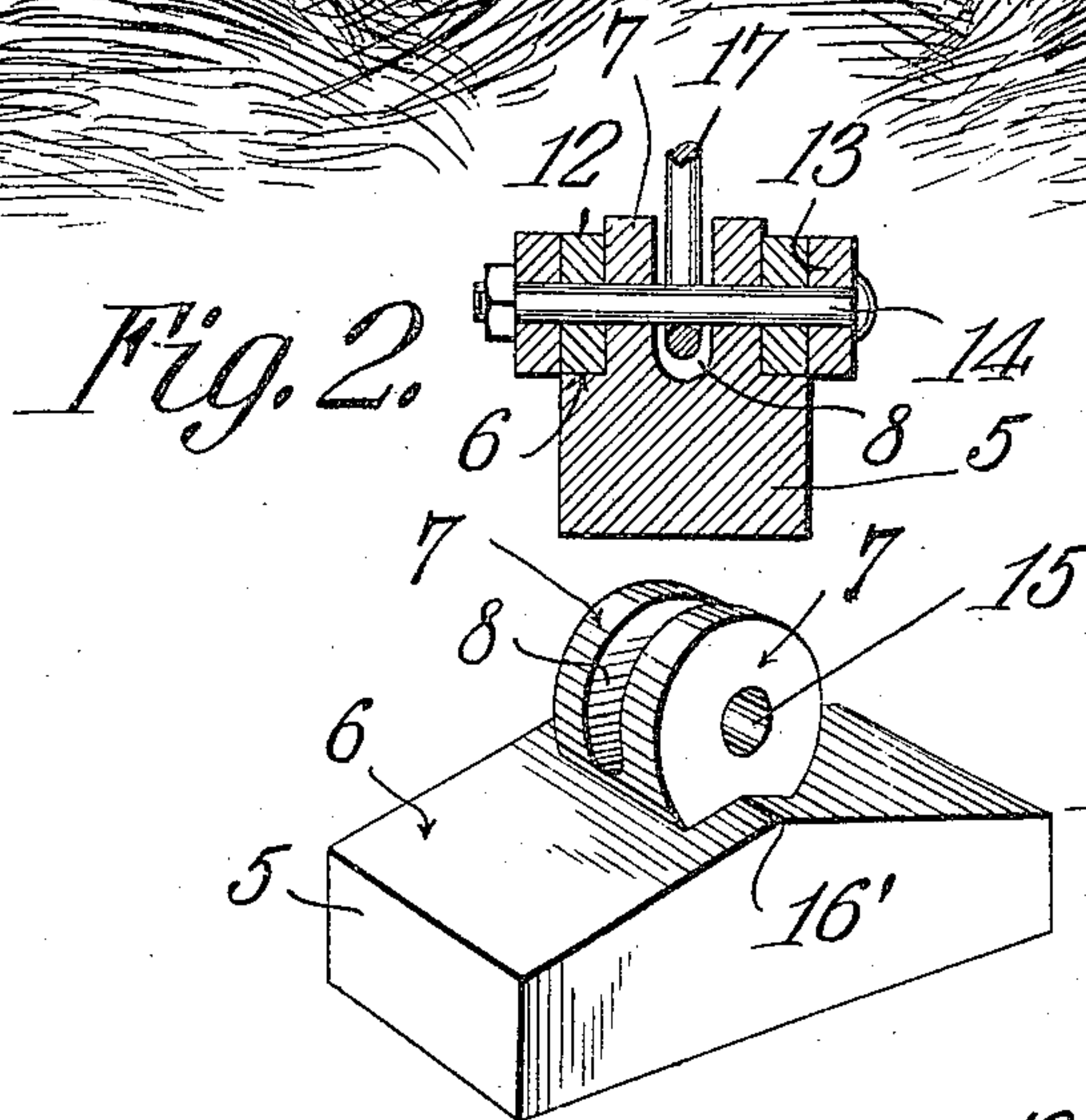
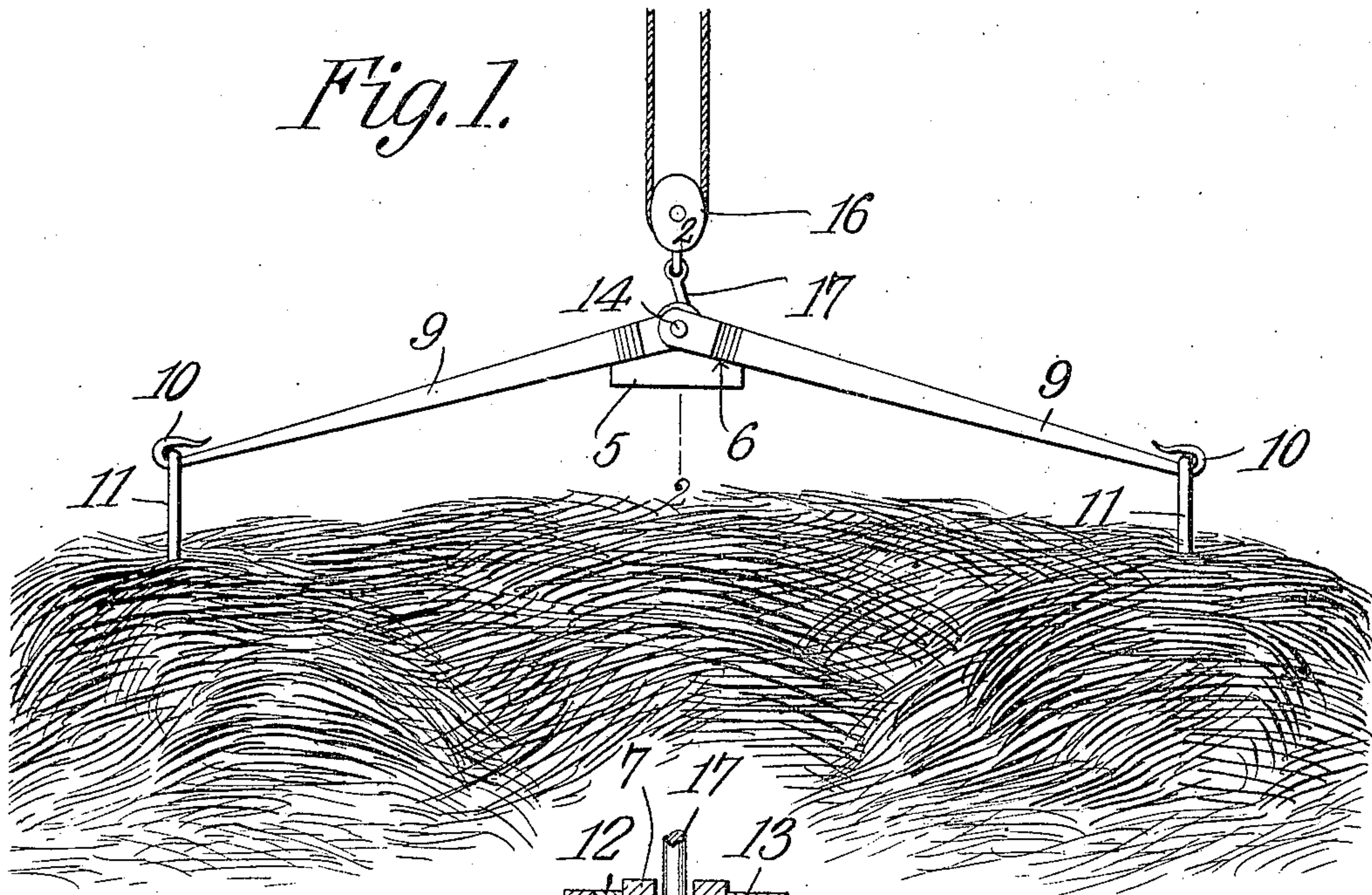


No. 843,580.

PATENTED FEB. 12, 1907.

C. D. BARKER.  
HAY CARRIER.  
APPLICATION FILED OCT. 15, 1906.



*Carey D. Barker,*

WITNESSES:

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ATTORNEYS



# UNITED STATES PATENT OFFICE.

CAREY D. BARKER, OF WESTFIELD, INDIANA.

## HAY-CARRIER.

No. 843,580.

Specification of Letters Patent.

Patented Feb. 12, 1907.

Application filed October 15, 1906. Serial No. 339,124.

*To all whom it may concern:*

Be it known that I, CAREY D. BARKER, a citizen of the United States, residing at Westfield, in the county of Hamilton and State of Indiana, have invented a new and useful Hay-Carrier, of which the following is a specification.

This invention relates to mechanism for loading and unloading hay, straw, and similar material, and has for its object to provide means for supporting two or more hay-forks in operative position to engage the load, whereby large quantities of hay may be elevated at each operation of the device.

A further object of the invention is to provide two or more arms having their inner ends pivotally united and their outer ends provided with means for supporting the hay-forks.

A further object is to provide a supporting-block disposed at the juncture of the pivoted arms and having its upper face inclined or beveled in opposite directions and adapted to bear against the arms for supporting the latter in operative position.

A still further object of the invention is to generally improve this class of devices, so as to increase their utility, durability, and efficiency.

With these and other objects in view the invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, and illustrated in the accompanying drawings, it being understood that various changes in form, proportions, and minor details of construction may be resorted to within the scope of the appended claims.

In the accompanying drawings, forming a part of this specification, Figure 1 is a side elevation of a hay-carrier constructed in accordance with my invention. Fig. 2 is a transverse sectional view taken on the line 2-2 of Fig. 1. Fig. 3 is a top plan view of the supporting-block and pivoted ends of the arms. Fig. 4 is a perspective view of the supporting-block detached.

Similar numerals of reference indicate corresponding parts in all of the figures of the drawings.

The improved device consists of a supporting-block 5, having its upper face inclined or beveled in opposite directions, as indicated at 6, and provided at the juncture of said inclined faces with spaced perforated lugs 7, defining an intermediate recess or chamber 8.

Extending laterally from the supporting-block 5 and pivotally associated therewith is a pair of arms 9, the free ends of which are provided with terminal hooks 10 for engagement with a hay-fork 11 of any approved construction. The inner ends of the arms 9 are bifurcated to form spaced auxiliary arms 12 and 13, which overlap each other and are pivotally connected with the lugs 7 by means of a pin or bolt 14, which pierces the opening 15 in said lugs and serves to secure the several parts together.

As a means for elevating the forks there is provided a hay-carrier of any approved construction, in the present instance a block and tackle 16 being employed, the latter being provided with a depending hook 17, the bill of which is seated in the recess 8 and engages the pin or bolt 14, as best shown in Figs. 1 and 2 of the drawings.

In operation the arms 9 are lowered and the forks 11 introduced in the hay or other material to be elevated, after which a longitudinal pull is exerted on the draft device 16, which causes the pivoted ends of the arms 9 to engage the inclined faces 6 of the supporting-block 5, and thus hold the arms 9 rigid during the elevating operation.

Attention is called to the fact that the arms 9 are free to move upwardly thereby to facilitate the positioning of the forks in the hay, but are limited in their downward movement by engagement with the inclined faces 6, so that a slight upward pressure exerted on the draft device will cause the arms to bind against the inclined faces, and thus lock the arms in extended position.

It will also be observed that the apex 16' of the inclined faces 6 is disposed in alinement with the longitudinal axis of the bolt 14, so as to form an additional support for the bifurcated ends of the arms.

While a single pair of arms is preferably employed for supporting the hay-forks, it is obvious that any number of arms may be used for this purpose, the result accomplished being the same in both cases.

From the foregoing description it will be seen that there is provided an extremely simple, inexpensive, and efficient device admirably adapted for the attainment of the ends in view.

Having thus described the invention, what is claimed is—

1. A device of the class described comprising a supporting-block having its upper



face inclined in opposite directions and provided with spaced vertically-disposed lugs defining an intermediate recess, arms having their inner ends bifurcated and bearing  
5 against the inclined faces of the supporting-block and their outer ends provided with means for engagement with a hay-fork, a pin extending transversely through the lugs and arms, respectively, and intersecting the in-  
10 termediate recess, and a draft device seated in said recess and engaging the pin.

2. A device of the class described comprising a supporting-block having its upper face inclined downwardly in opposite direc-  
15 tions and provided with spaced vertically-disposed lugs defining an intermediate recess, arms having their inner ends bifurcated

and bearing against the inclined faces of the block and their outer ends provided with terminal hooks for engagement with a hay-fork, a  
20 pin piercing the lugs and engaging the bifurcated ends of the arms, the juncture of the inclined faces of the block being disposed in alinement with the longitudinal axis of the pin, and a draft device seated in the inter-  
25 mediate recess and engaging said pin.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

CAREY D. BARKER.

Witnesses:

JOHN F. WHITE,  
W. H. EMG.