

No. 736,665.

PATENTED AUG. 18, 1903.

G. WILSON.
SEAT SUPPORT.

APPLICATION FILED MAY 18, 1903.

NO MODEL.

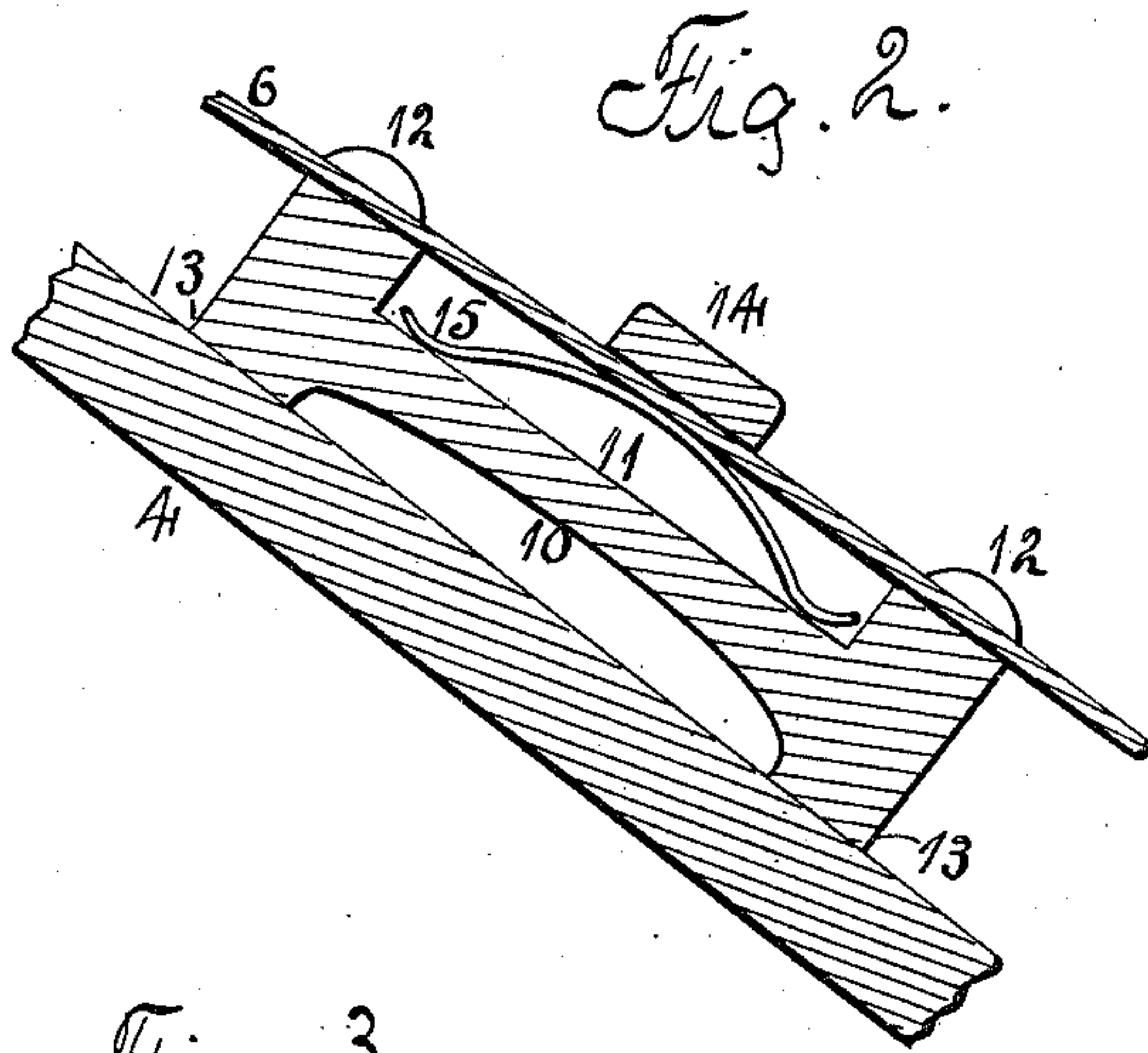
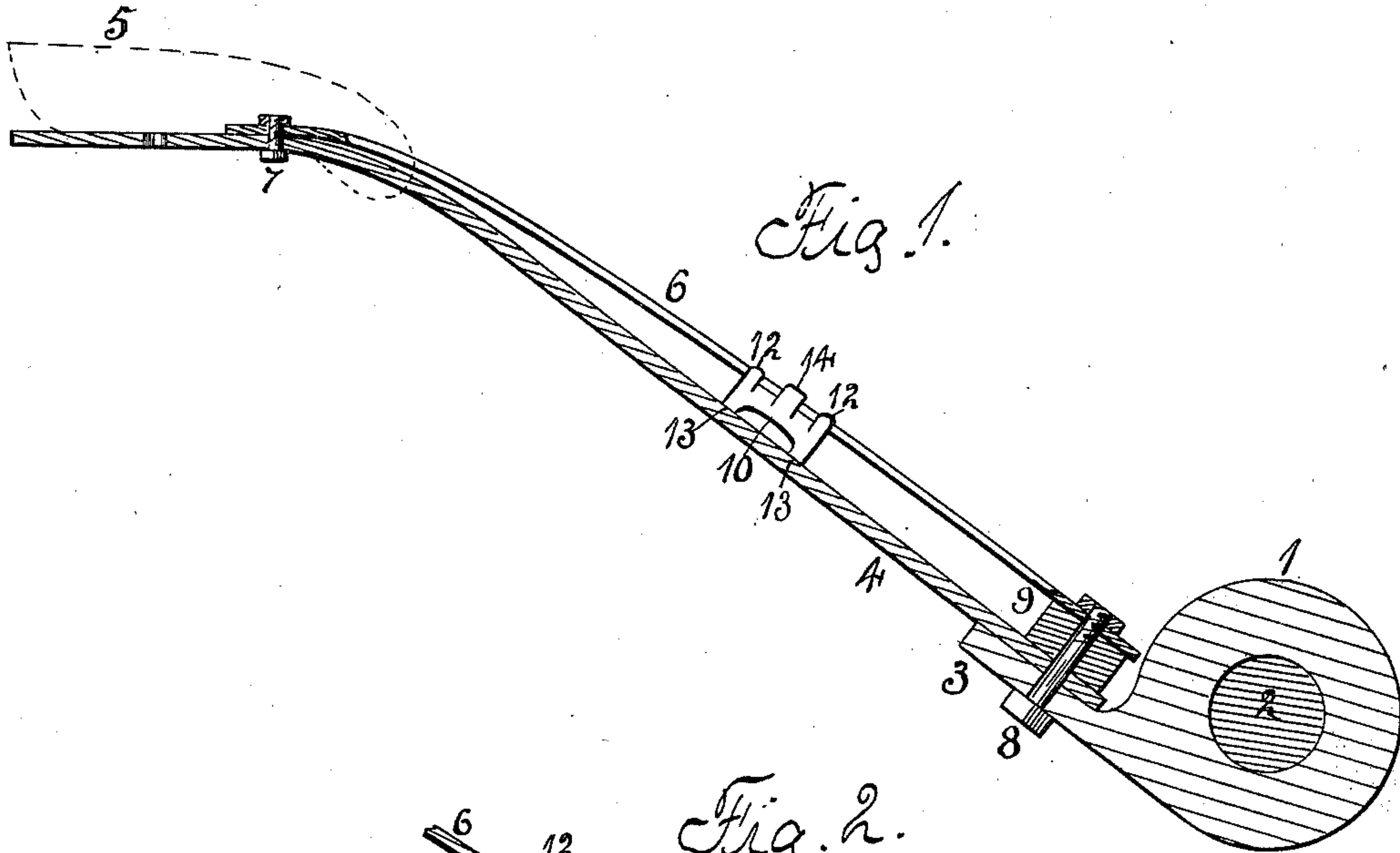
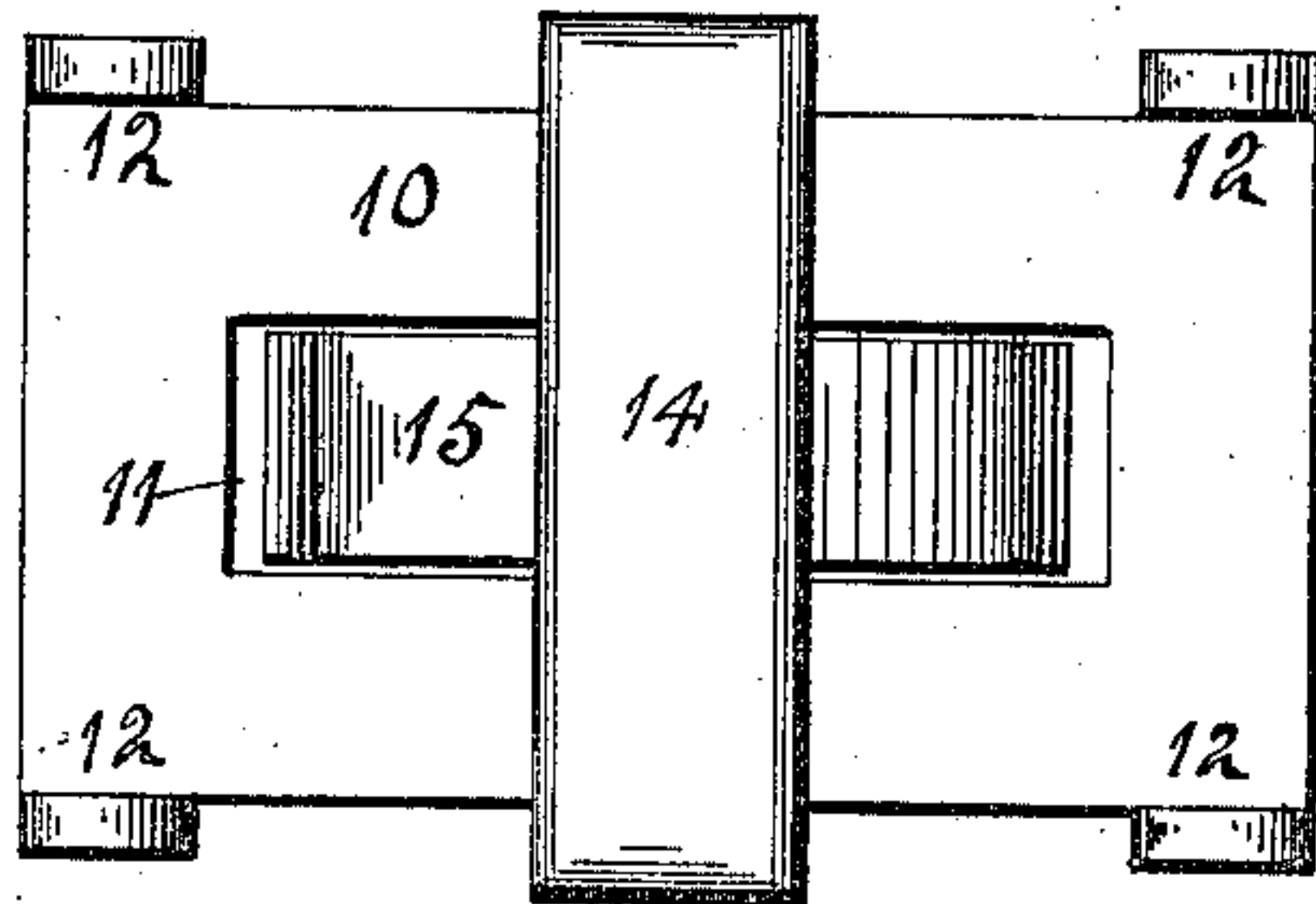


Fig. 3.



Witnesses:
E. Behel.
C. B. Clark

Inventor:
George Wilson
By A. O. Behel
Att.

UNITED STATES PATENT OFFICE.

GEORGE WILSON, OF ROCKFORD, ILLINOIS, ASSIGNOR TO EMERSON MANUFACTURING COMPANY, OF ROCKFORD, ILLINOIS, A CORPORATION OF ILLINOIS.

SEAT-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 736,665, dated August 18, 1903.

Application filed May 18, 1903. Serial No. 157,665. (No model.)

To all whom it may concern:

Be it known that I, GEORGE WILSON, a citizen of the United States, residing at Rockford, in the county of Winnebago and State of Illinois, have invented certain new and useful Improvements in Seat-Supports, of which the following is a specification.

The object of this invention is to support a seat, especially adapted for agricultural purposes, in a manner to adapt it for use by persons of different weights and to give the support more or less elasticity, as may be desired.

In the accompanying drawings, Figure 1 is an elevation and portions in section of my improved support. Fig. 2 is a lengthwise section of the adjustable block in connection with the bars. Fig. 3 is an upper face representation of the block.

The casing 1 represents a portion of the bed of a mowing-machine supported upon the axle 2, and from the casing extends a lug 3. To the lug 3 is secured the spring-bar 4, extending upwardly and having a seat 5 secured to its free end. A bar 6 has one end secured to the spring-bar 4 at the point 7, and its lower end is secured to the lug 3 by the bolt 8, serving to connect the spring-bar. The bar 6 and spring-bar at their point of connection with the lug 3 are held separated by the stationary block 9. A sliding block is located between the bar 6 and spring-bar 4 and comprises a plate-section 10, having a central depression 11 in one face. Four cornered lugs 12 extend from the plate-section. A central cross-bar 14 overlies the central depression 11, and from the opposite face of the plate depend end bars 13.

The movable block is placed in connection

with the bar by the bar passing under the cross-bar 14 and located inside the corner-lugs 12. A plate-spring 15 is located in the central depression 11 and bears against the bar 6, when the parts will appear as shown at Figs. 1 and 2.

When the movable block is farthest from the seat, great elasticity will be given the spring-bar 4, and as the block is moved nearer the seat less elasticity will be given the spring-bar and the block will be held in any position it may be placed by the plate-spring 15. By means of this movable block the tension of the spring-bar can be varied to suit the weight of the driver located in the seat.

I claim as my invention—

1. A seat-support comprising two bars connected together at one end and their other ends held separated, and a block located between the bars and movable in their lengthwise direction.

2. A seat-support comprising two bars connected together at one end and their other ends held separated, and a block located between the bars having a connection with one of the bars and movable in their lengthwise direction.

3. A seat-support comprising two bars connected together at one end and their other ends held separated, and a block located between the bars having a connection with one of the bars and movable in their lengthwise direction and a spring supported by the block and bearing against one of the bars.

GEORGE WILSON.

Witnesses:

A. O. BEHEL,
E. BEHEL.