

No. 785,557.

PATENTED MAR. 21, 1905.

W. J. KINBACK.
SWING.

APPLICATION FILED NOV. 12, 1904.

2 SHEETS—SHEET 1.

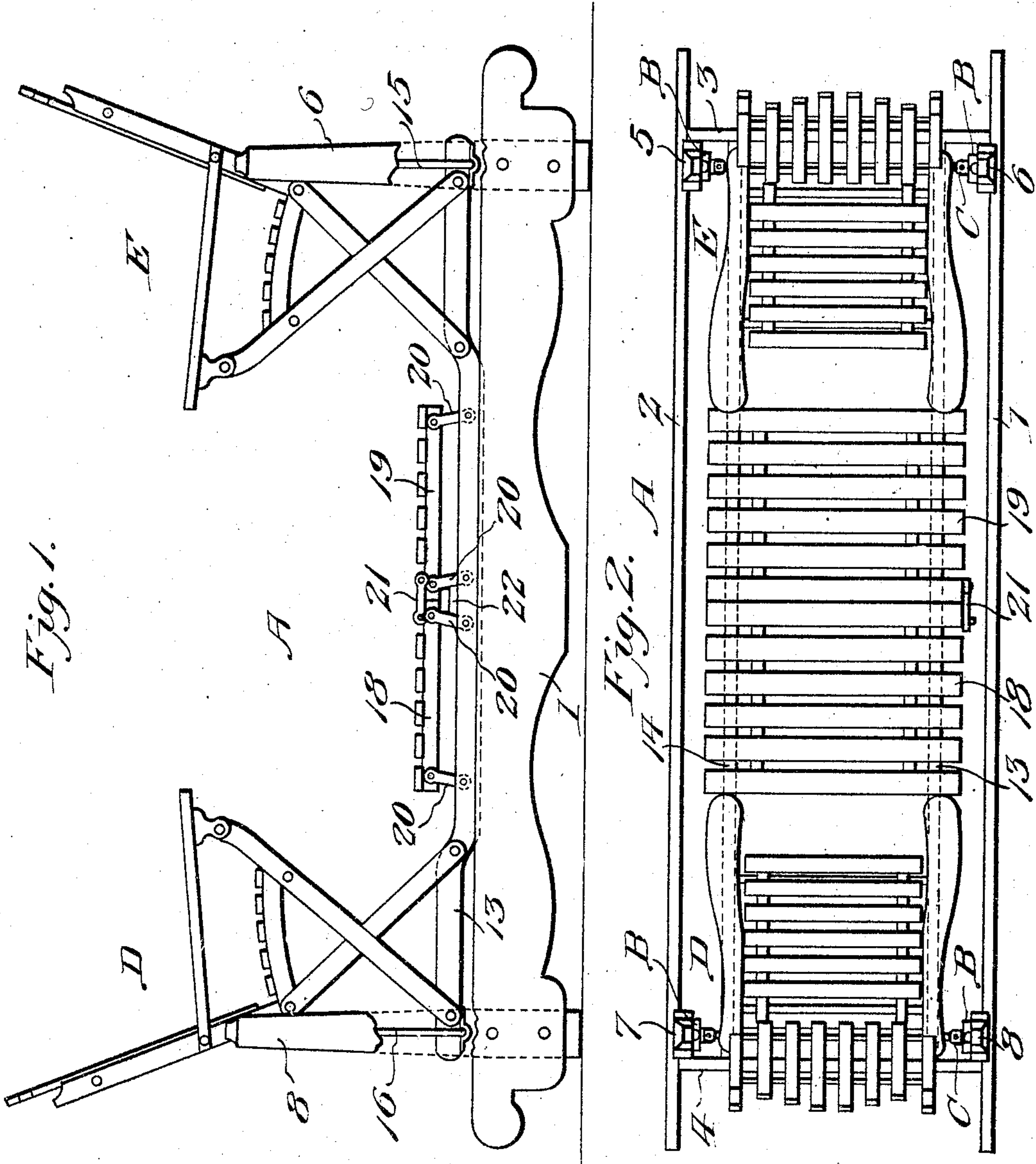


Fig. 1.

Fig. 2.

Witnesses

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2 SHEETS—SHEET 2.

Fig. 5.

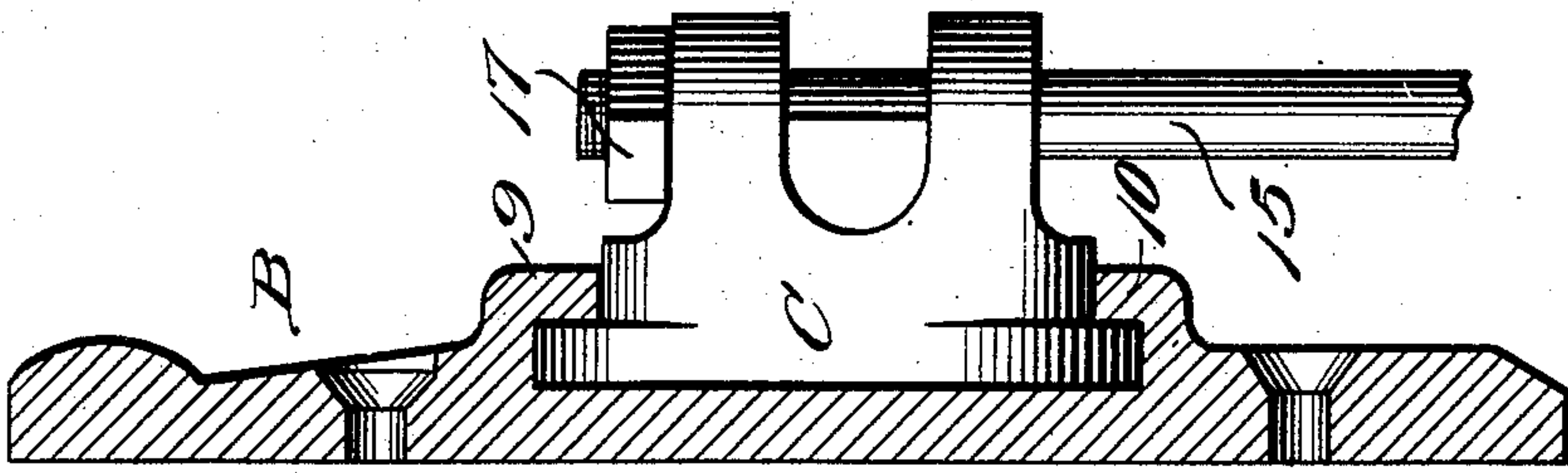


Fig. 4.

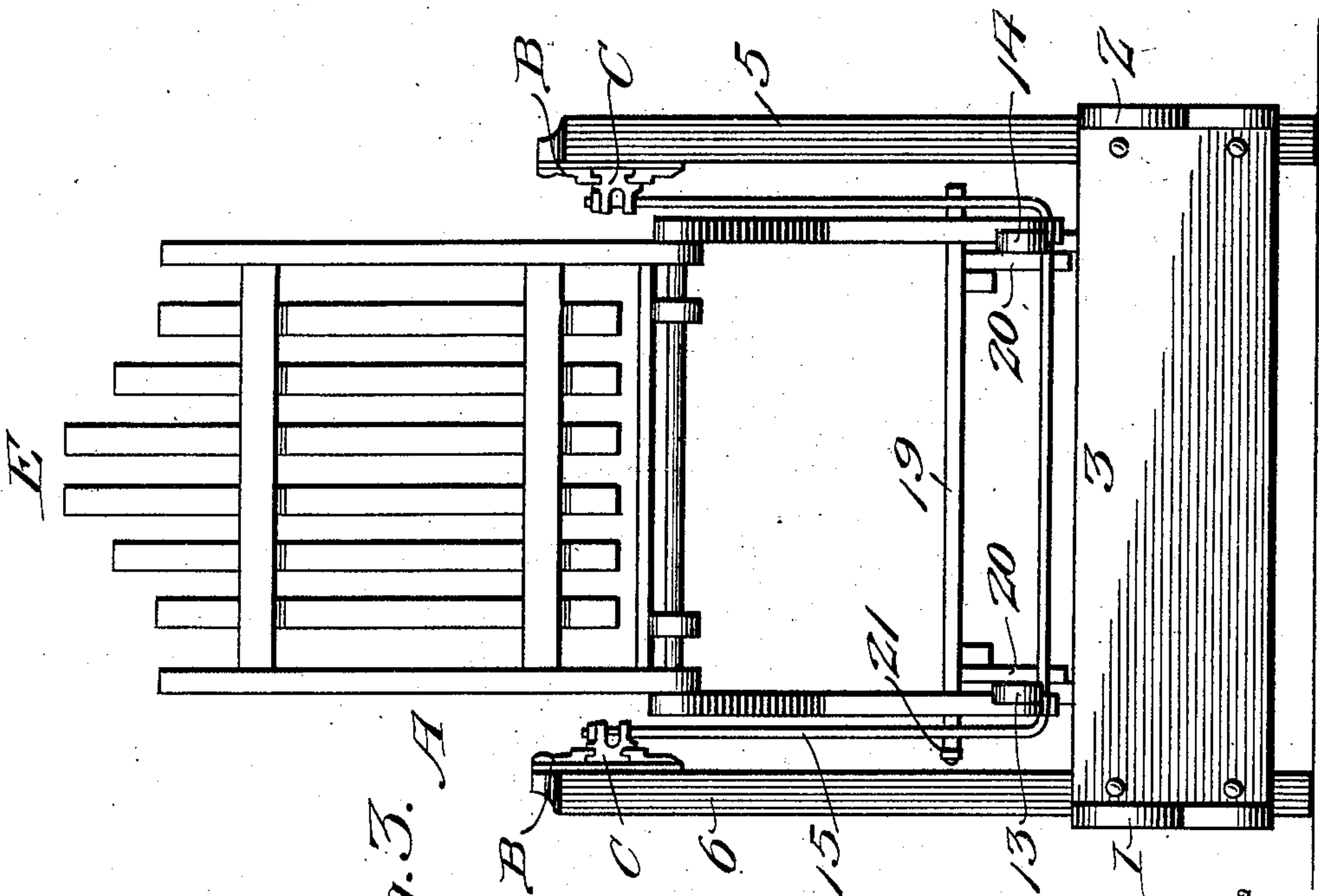
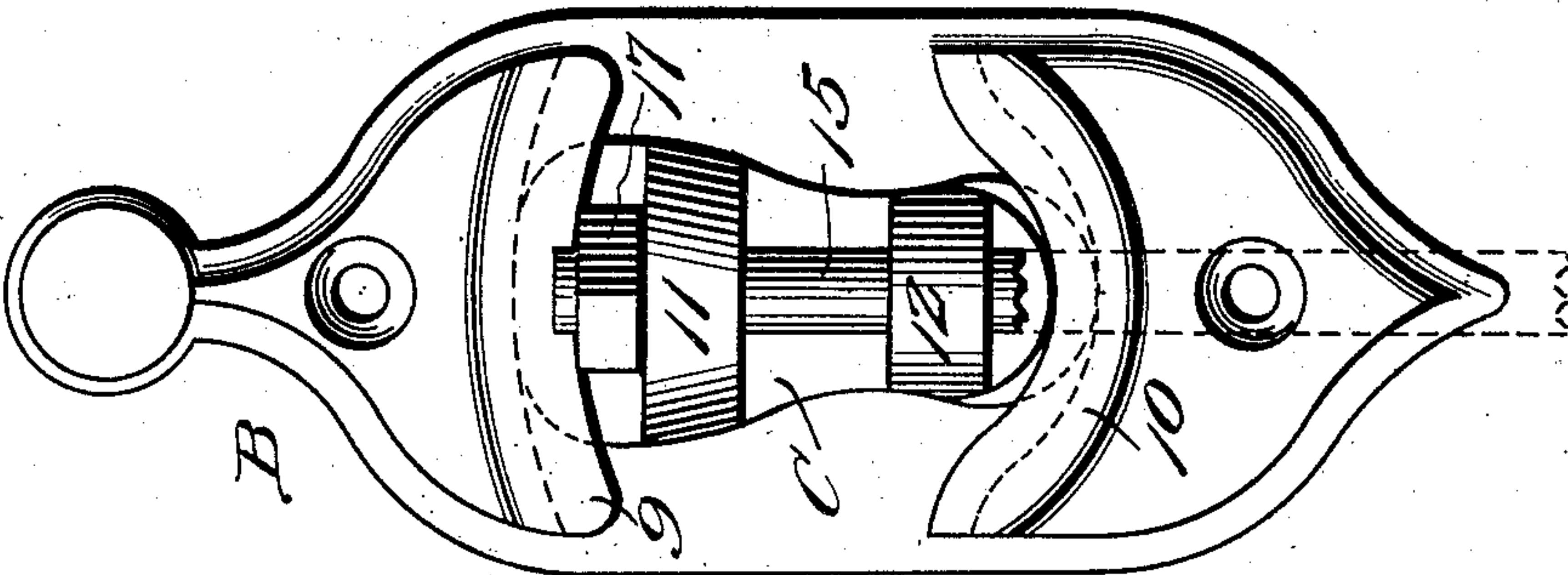


Fig. 3. A

Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM J. KINBACK, OF DUNMORE, PENNSYLVANIA.

SWING.

SPECIFICATION forming part of Letters Patent No. 785,557, dated March 21, 1905.

Application filed November 12, 1904. Serial No. 232,446.

To all whom it may concern:

Be it known that I, WILLIAM J. KINBACK, a citizen of the United States, residing at Dunmore, in the county of Lackawanna and State of Pennsylvania, have invented new and useful Improvements in Swings, of which the following is a specification.

This invention relates to swings.

The objects of the invention are to improve and simplify the construction of such devices.

With the foregoing and other minor objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed as a practical embodiment thereof.

In the accompanying drawings, forming part of this specification, Figure 1 is a side elevation of a swing constructed in accordance with the present invention. Fig. 2 is a plan view thereof. Fig. 3 is an end elevation. Fig. 4 is a front view of one of the bearing-plates, showing the bearing member therein. Fig. 5 is a vertical section through one of the bearing-plates, the bearing member being shown in elevation.

Like reference characters indicate corresponding parts in the different views.

The improved swing of this invention preferably comprises a stationary frame A, which is made up of side bars 1 and 2 and cross-bars 3 and 4. Connected with the side bars 1 and 2 are uprights 5 6 and 7 8, which are arranged in pairs, as shown. Secured to the upper end of each of the uprights is a bearing-plate, such as B, Fig. 4, each of said bearing-plates being provided with segmental guide-flanges 9 10, the lower guide-flange 10 being formed on a greater curve than the upper guide-flange 9. Fitted between the guide-flanges 9 and 10 of each bearing-plate B is a bearing member C, which is adapted, when turned into horizontal position to be detached readily from the bearing-plate and to be locked thereon by the guide-flanges when moved to a vertical position, although said bearing member is permitted to oscillate freely with respect to the bearing-plate. Each of the bearing members C is provided with a

pair of perforated ears or lugs 11 and 12. The seat-supporting frame of the swing, which comprises the side bars 13 and 14, is supported at its opposite ends by U-shaped hangers 15 and 16, said hangers having their ends detachably connected with the bearing members C on the adjacent uprights by means of nuts 17. The chairs D and E of the swing are secured to the side bars 13 and 14 in any suitable manner, said chairs D and E being of any convenient construction.

A pair of movable platforms 18 and 19 are supported upon the side bars 13 and 14 by means of links 20. When the swing is being used by adults, the platforms 18 and 19 are separated from each other and permitted to swing down until they rest upon the side bars 13 and 14. When, however, the swing is being used by children, the platforms 18 and 19 are swung upward into the position shown in Fig. 2, where they are locked together by means of a catch 21, a block of wood or the like 22 being disposed between the adjacent links 20 to prevent the two platforms from moving in the same direction, and thus descending to their lowest position.

By employing the novel form of bearing-plates and bearing members B and C the hangers 15 and 16 may be readily detached from the uprights of the swing when it is desired to pack the various parts into small compass for the purpose of transportation.

The frame on which the chairs D and E are mounted can be swung to and fro in any suitable manner, as by a movement of the bodies of the occupants of the swing.

Changes in the precise embodiment of invention illustrated and described may be made within the scope of the following claims without departing from the spirit of the invention or sacrificing any of its advantages.

Having thus described the invention, what is claimed is—

1. A swing comprising supports, bearing-plates on said supports, segmental flanges on said bearing-plates, bearing members adapted to be fitted between said flanges when in one position and to be locked between said flanges when moved to another position, hangers de-

tachably connected with said bearing members, and swing-seats supported by said hangers.

2. A swing comprising a stationary frame
5 having uprights, bearing-plates on said uprights, segmental guide-flanges on said bearing-plates, bearing members adapted to be fitted between said guide-flanges when in one position and to be held therein when moved to
10 another position, perforated ears on said bearing members, U-shaped hangers detachably connected with said ears, a swinging frame supported by said hangers, swing-seats on said

swinging frame, links pivotally connected with said swinging frame, a pair of platforms 15 connected with said links and adapted to be swung down upon said swinging frame or to be moved thereabove, and a catch for locking said platforms together when in raised position. 20

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

WILLIAM J. KINBACK.

Witnesses:

HARRY KIZER,
GEO. V. HOWELL.