

No. 647,231.

Patented Apr. 10, 1900.

W. E. KIMBALL.
ROCKER FOR FURNITURE.

(Application filed Jan. 31, 1900.)

(No Model.)

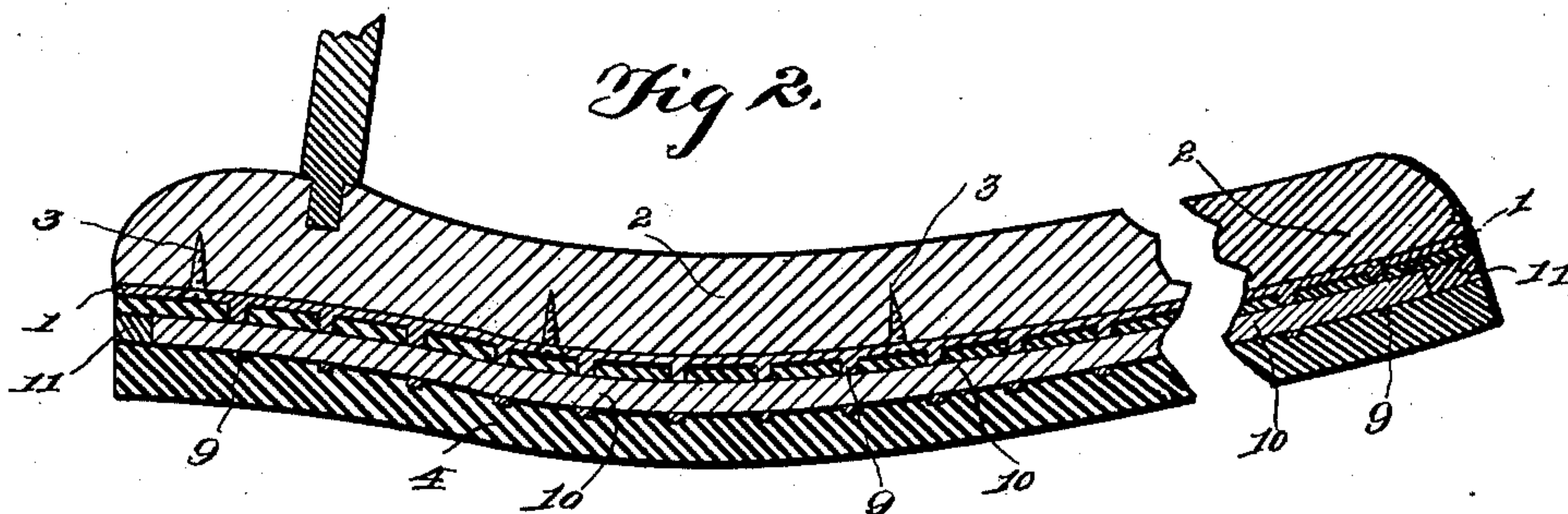
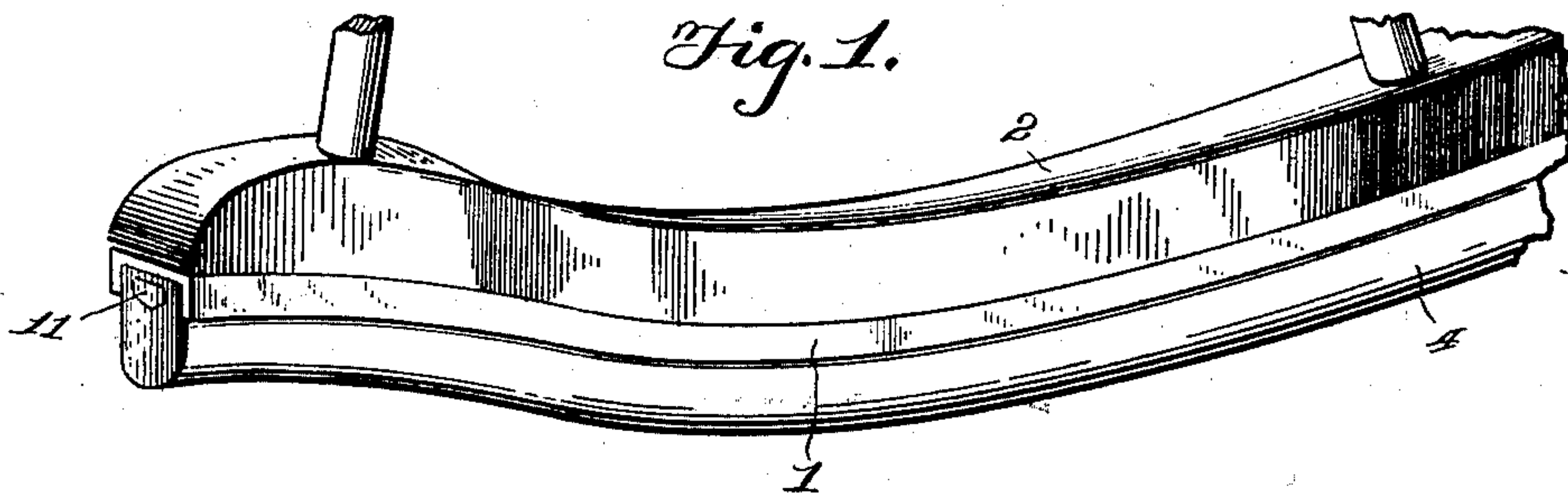


Fig. 3.

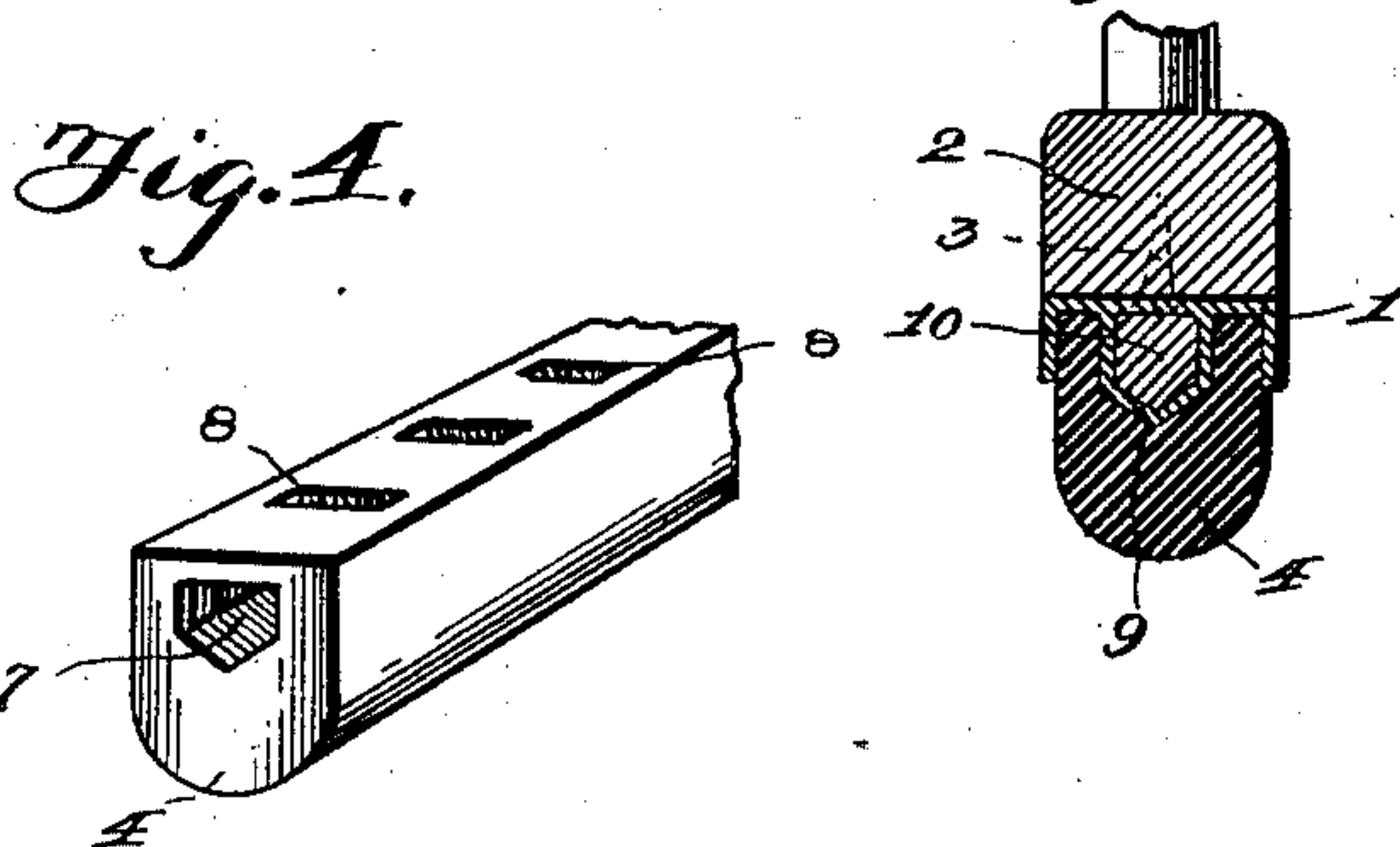


Fig. 5.

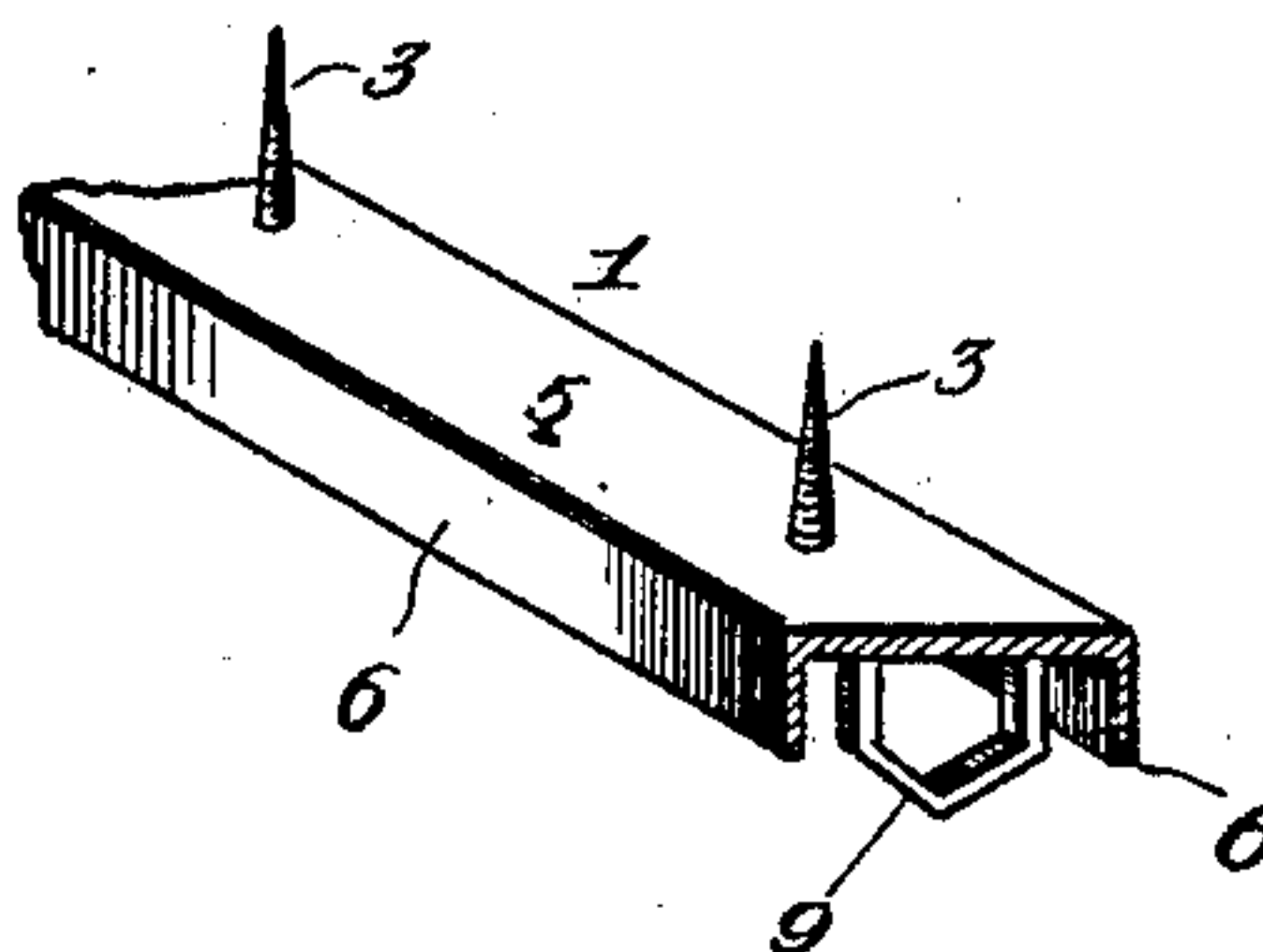


Fig. 6.

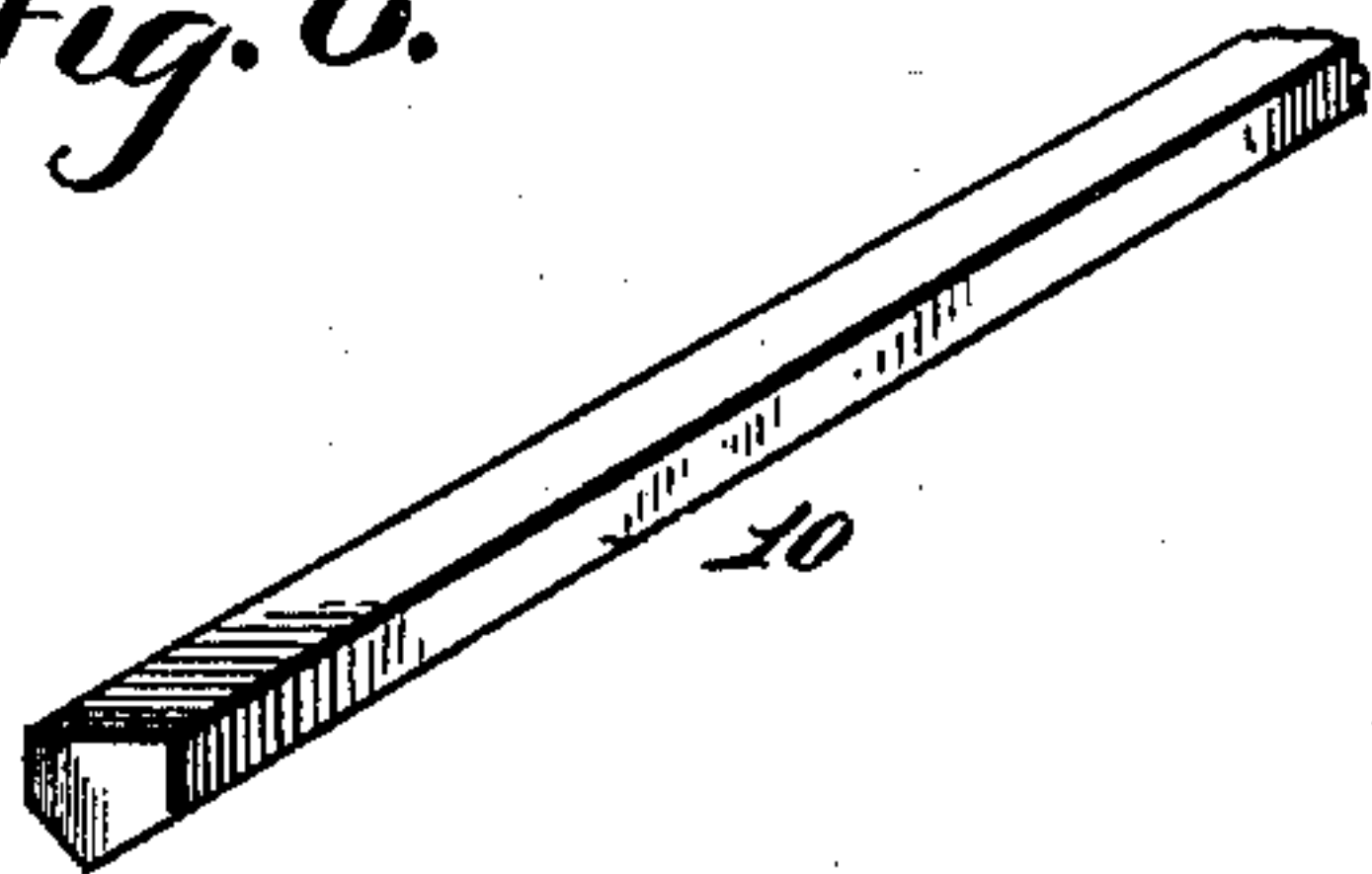


Fig. 7.



Witnesses

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UNITED STATES PATENT OFFICE.

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ROCKER FOR FURNITURE.

SPECIFICATION forming part of Letters Patent No. 647,231, dated April 10, 1900.

Application filed January 31, 1900. Serial No. 3,474. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. KIMBALL, a citizen of the United States, residing at Baraboo, in the county of Sauk and State of Wisconsin, have invented a new and useful Rocker for Furniture, of which the following is a specification.

The invention relates to improvements in rockers for furniture.

The object of the present invention is to improve the construction of rockers for rocking-chairs, cradles, and the like and to provide a simple, inexpensive, and efficient cushioned one designed to enable the rocking to be effected without noise or jar and with less injury to the carpet or other floor-covering and capable of enabling a chair, cradle, or other piece of furniture to be dragged back and forth through a room without liability of displacing or otherwise injuring the cushion.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a rocker constructed in accordance with this invention. Fig. 2 is a longitudinal sectional view. Fig. 3 is a transverse sectional view. Fig. 4 is a detail perspective view of one end of the cushion. Fig. 5 is a similar view of one end of the shoe or support. Fig. 6 is a detail view of a portion of the key. Fig. 7 is a detail view of one of the plugs.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a longitudinal support or shoe constructed of metal or other suitable material and secured to the bottom of a rocker 2 by means of screws 3, arranged at intervals, as illustrated in Fig. 2 of the accompanying drawings, and passing through countersunk perforations of the support or shoe, so that their heads will be flush with the inner face of the same and not interfere with the proper fit of a cushion 4. The longitudinal support or shoe consists of a top wall 5 and depending side walls 6, which embrace the upper portions of the sides of the cushion, as clearly shown in Fig. 3.

The cushion, which is constructed of rubber or other suitable material, has its lower portion rounded, and it is provided in its upper portion with a longitudinal opening 7, which is intersected at intervals by slots 8, passing through the top of the cushion and adapted to receive depending loops 9 of the support or shoe. The depending loops 9, which are arranged at regular intervals, may be formed integral with the top wall 5, or they may be constructed in any suitable manner, and they extend through the slots 8 and are provided with openings of the same size as the transverse area of the opening 7 of the cushion. The walls and bottom of the opening 7 are grooved at the slots 8, so that the inner faces of the loops will be flush with the adjacent faces of the walls of the opening 7 to receive a key 10. The lower or bottom portion of the loop 9 is V-shaped, and the bottom of the opening 7 is oppositely inclined to conform to the V-shaped portion of the loop. The key is also provided with an oppositely-inclined lower face to fit the opening 7 and the loops 9, and by being introduced into the said opening 7 it is engaged with the loops 9, as clearly illustrated in Figs. 2 and 3 of the accompanying drawings, whereby the cushion is firmly secured to the support or shoe 1. By applying the cushion to the rocker in this manner a rocking-chair or other piece of furniture may be dragged back and forth across a room without liability of displacing or otherwise injuring the said cushion. The key 10, which terminates short of each end of the cushion, and the extremities of the opening 7 are filled by rubber plugs 11 to enable the ends of the cushion to present a neat appearance and to be finished substantially the same as a solid cushion.

The shoe or support is adapted to strengthen the rockers of rocking-chairs, cradles, and the like, and the elastic cushions will render the rocking noiseless and will relieve an occupant of jar and lessen the wear upon a carpet or other floor-covering. Also the cushion will not interfere with the free use of a chair or cradle, and the same may be moved or dragged about without displacing or otherwise injuring the said cushion.

It will be seen that the device is exceedingly simple and inexpensive in construction, that it is adapted to be readily applied to and removed from the rockers of a piece of furniture or analogous article, and that it presents a neat and attractive appearance.

What is claimed is—

1. A device of the class described comprising a support or shoe designed to be secured to the bottom of a rocker and provided with depending devices, a cushion fitting within the support or shoe and provided with a longitudinal opening and having slots intersecting the opening and receiving the depending devices, and a key arranged within the longitudinal opening of the cushion and engaging the depending devices of the support or shoe, substantially as described.

2. A device of the class described comprising a support or shoe designed to be secured to the lower face of a rocker and provided with loops, a cushion fitting within the support or shoe and provided with a longitudinal opening and having slots intersecting the same and receiving the loops, and a key arranged in the longitudinal opening of the

cushion and passing through the loops of the shoe or support, substantially as described.

3. A device of the class described comprising a shoe designed to be secured to a rocker and provided with loops arranged at intervals, a cushion having a longitudinal opening and provided with slots intersecting the opening and receiving the loops, a key arranged in the opening and engaging the loops, and plugs fitting in the ends of the opening of the cushion, substantially as described.

4. A device of the class described comprising a rocker provided at intervals with depending devices, a cushion receiving the depending devices, and a removable key concealed within the cushion and engaging the said devices, whereby the cushion is detachably secured to the rocker, substantially as described.

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

WILLIAM E. KIMBALL.

Witnesses:

F. K. SHUTTLEWORTH,
HENRY MAHONEY.