

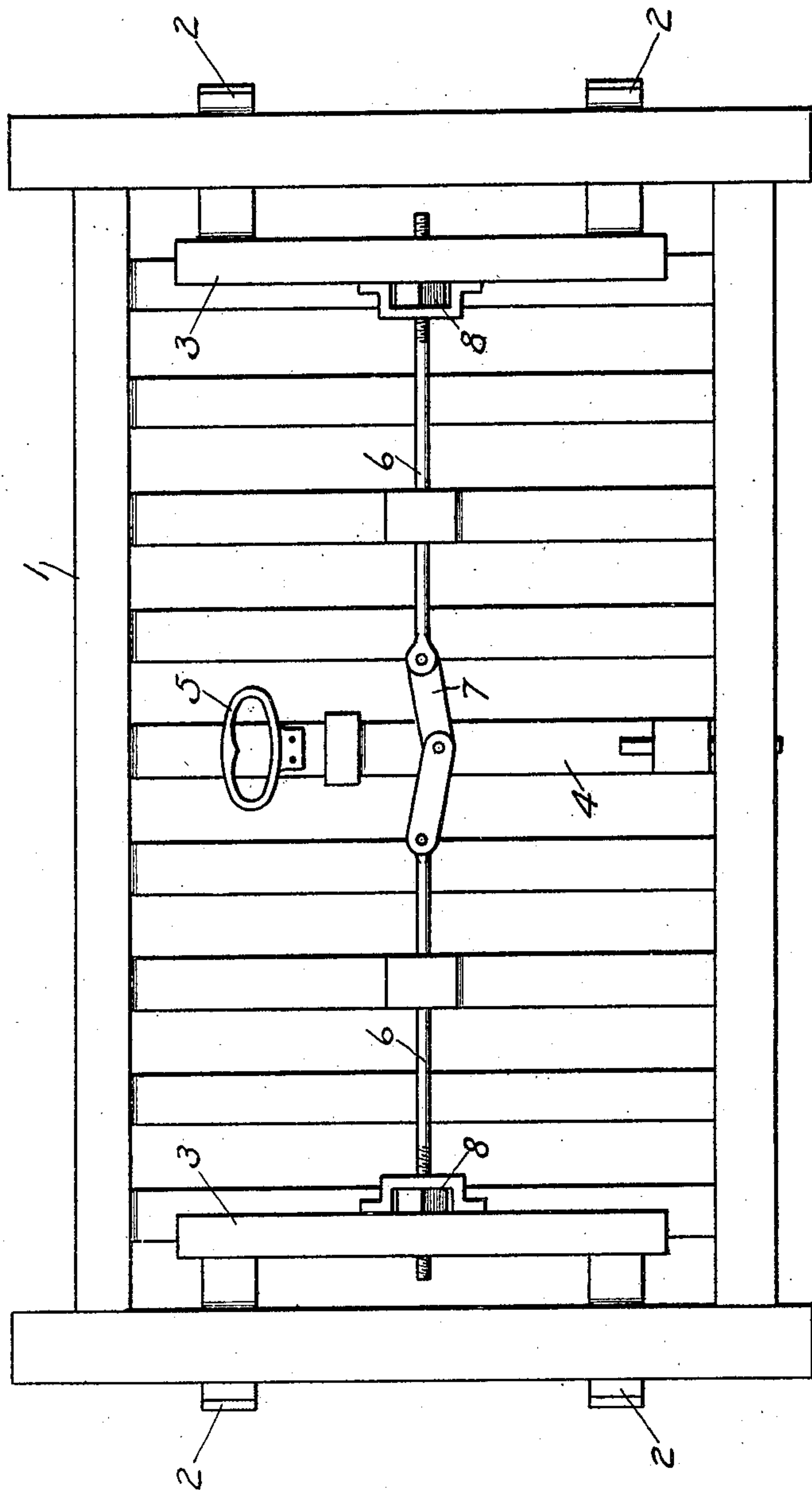
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PORTABLE GATE.

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903,564.

Patented Nov. 10, 1908.



Witnesses:
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PORTABLE GATE.

No. 903,564.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES W. HABEN, a citizen of the United States, residing at Hamilton, Butler county, Ohio, have invented certain new and useful Improvements in Portable Gates, of which the following is a specification.

This invention relates to a portable gate for household use in barring a doorway or stairway to keep the babies within bounds, and the invention will be readily understood from the following description taken in connection with the accompanying drawing which is an elevation of a portable gate exemplifying my invention.

In the drawing:—1, represents a gate, to be of light construction of any appropriate material, and to have a height sufficient to prevent very small children climbing over it and having a length adapting it to go freely between the jambs of a doorway: 2, horizontally moving bolts at the sides of the gate, the ends of these bolts being preferably faced with leather, rubber or the like, so as not to deface the finished surfaces of door-jambs: 3, carrying-bars for the bolts: 4, a vertically moving handle-bar: 5, a handle on its upper end: 6, thrust-rods attached to the carrying-bars and extending inwardly therefrom: 7, a toggle connecting the inner ends of the thrust-rods and the handle-bar: and 8, nuts screwed on the outer portions of the thrust-rods and coming against the carrying-bars.

Assume the gate, with the parts in the position shown in the drawing, to be disposed in a doorway with the ends of the bolts forcibly impinging against the door-jambs. Under these conditions the gate forms a safe barrier for the protection of very small children. While the bolts might enter mortises or like receiving features in the door-jambs, the simple forceful impingement of the ends of the bolts against the door-jambs is far preferable as it avoids harming the wood-work and avoids the necessity for any special preparation of the door-opening to adapt it to receive the gate. It is to be observed that the toggle is flexed a trifle downwardly below the neutral point. This prevents the bolt mechanism from retracting automatically.

When it is desired to remove the gate it is only necessary to lift up on the handle and flex the toggle upwardly, thus withdrawing

the bolts inwardly. In replacing the gate, it may be carried by the handle and placed in desired position in a doorway and then, by depressing the handle, the gate becomes locked in place. The flexing of the toggle to and past the neutral position is rendered possible by reason of the slight general elasticity inherent in the structure, aside from any elastic facing which may be provided on the bolts to avoid harming the wood-work.

It will generally be found that about the ordinary residence the door-ways are to about one general standard of width, and that in residences generally there is no very great variation from one or two standard widths of door-ways. The length of the general structure of the gate being sufficient to freely enter a doorway of minor width the bolts may be adjusted relative to the toggle, by means of the nuts on the thrust-rods so as to adapt the gate to any ordinary doorway within its range of capacity.

In a structure of this character and for this intended use, the lightness is a matter of importance and this may be secured along with the necessary degree of strength, by forming the general gate structure of wood or metal or wicker-work or a combination of these materials.

I claim:—

1. A portable gate comprising, a gate structure adapted to freely enter between the jambs of a door-way and to be bodily removed therefrom, horizontally moving bolts at a side edge thereof to increase the total length of the gate and impinge against the door-jamb and frictionally bind the gate temporarily in the door-way, a moving handle mounted on the gate structure, and mechanism operatively connecting the handle and bolts and serving to expand the structure sidewise so as to be temporarily held in the door-way, combined substantially as set forth.

2. A portable gate comprising, a gate structure adapted to a doorway, horizontally sliding bolts at the edges thereof for securing the gate in the doorway, a vertically moving handle-piece, a toggle connected with the handle-piece, and thrust-bars engaging the toggle and having connection with the bolts, combined substantially as set forth.

3. A portable gate comprising, a gate structure adapted to a doorway, horizon-

tally sliding bolts at the edges thereof for
securing the gate in the doorway, a verti-
cally moving handle-piece, a toggle connect-
ed with the handle-piece, thrust-bars engag-
5 ing the toggle and having connection with
the bolts, and adjusting devices for varying
the distance between the toggle and the ends

of the bolts, combined substantially as set
forth.

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