Eugene Howard. PATENTED JUL 11 1871

Adjustable Nursery Gate.

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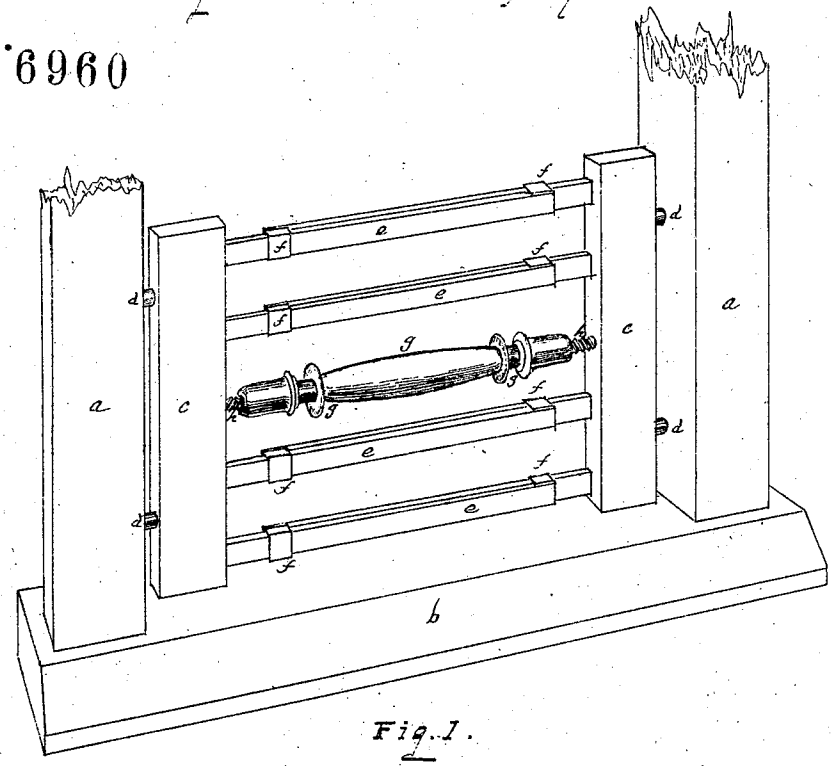


Fig. 1.

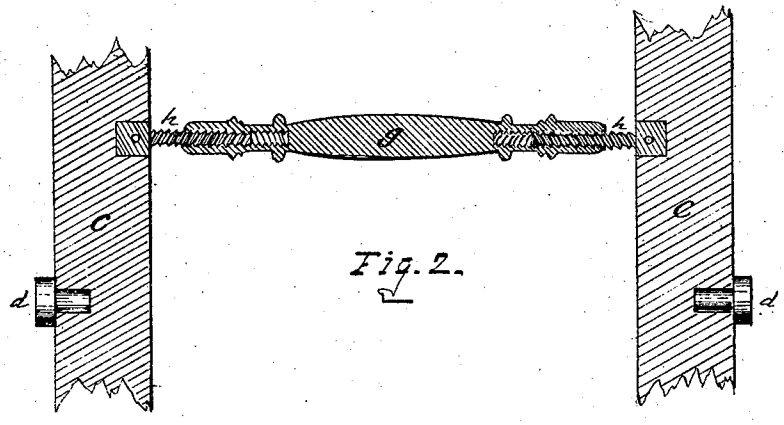


Fig. 2.

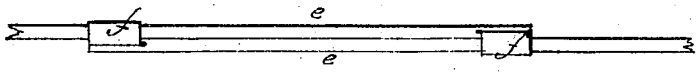


Fig. 3.

Witnesses.

B. N. Williams

Y. C. Just

Eugene Howard. Inventor.

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UNITED STATES PATENT OFFICE.

EUGENE HOWARD, OF MILFORD, MASSACHUSETTS.

IMPROVEMENT IN CHILDREN'S NURSERY-GATES.

Specification forming part of Letters Patent No. 116,960, dated July 11, 1871.

To all whom it may concern:

Be it known that I, EUGENE HOWARD, of Milford, in the county of Worcester and State of Massachusetts, have invented an Adjustable Nursery-Gate, of which the following, when taken in connection with the accompanying drawing, is a full and exact specification.

My invention consists in an adjustable and portable gate, intended to prevent the passage of small children from one room to another, &c., and capable of fitting into door-ways, passage-ways, windows, stairways, &c. The frame, which is so arranged as not to mar the jambs of the door, is contracted or expanded by means of a right-and-left-hand screw, there being double rails which slide with the frame.

In the accompanying drawing, Figure 1 is a view of my nursery-gate placed in a door. Fig. 2 is a sectional view of the frame of the gate, and the center rail or shaft, in which are placed the right-and-left-hand screws, &c. Fig. 3 is a view of a pair of the double rails above named.

a a are the jambs of the door in which the gate is placed. *b* is the sill or threshold of the same. *c c* is the frame of the gate. *d d d d* are pieces of hard rubber set into the frame *c*, intended to hold the gate in place and to protect the jambs of the door from injury. *e e e e* are the double extension rails connecting the frame. *f f* are slides, one of which is attached to the end of each rail and extends around the rail, which slides in it. *g* is the center rail or shaft, in which are placed the right-and-left-hand screws *h h*.

In practical operation all that is required to take the gate out of or to place it in the door is to give two or three turns to the shaft *g* and it is accomplished.

The gate may be extended or contracted so as to fit any window, staircase, passage, &c., and can be manufactured for a small sum.

Instead of using the two right-and-left-hand screws shown in the drawing, either one may be used at either end, in the center, or in any part of the center rail *g*, as may be deemed expedient.

Of course the hard rubber pieces *d d* may be made of different sizes and shapes in order to accommodate the surfaces against which they may be placed.

I do not propose to confine myself to hard rubber as the only substance from which to construct the pieces *d d*, but intend to use leather, cloth, or any other suitable material.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The right-and-left-hand screws *h h*, in combination with the frame *c c*, for the purpose of adjusting a nursery-gate, substantially as hereinbefore specified.

2. The combination and arrangement of the double sliding rails *e e*, the center rail *g*, and the frame *c c*, substantially as and for the purposes hereinbefore set forth.

3. The combination and arrangement of the hard rubber pieces *d d*, or their equivalent, the frame *c c*, the rails *e e*, and the center rail *g*, the whole being combined, constructed, and arranged substantially as and for the purposes hereinbefore described.

EUGENE HOWARD.

Witnesses:
B. W. WILLIAMS,
V. C. JUST.