(No Model.)

W. C. RANNEY.

CASTER ATTACHMENT TO ROCKERS.

No. 287,721. Patented Oct. 30, 1883.

FIG-1-

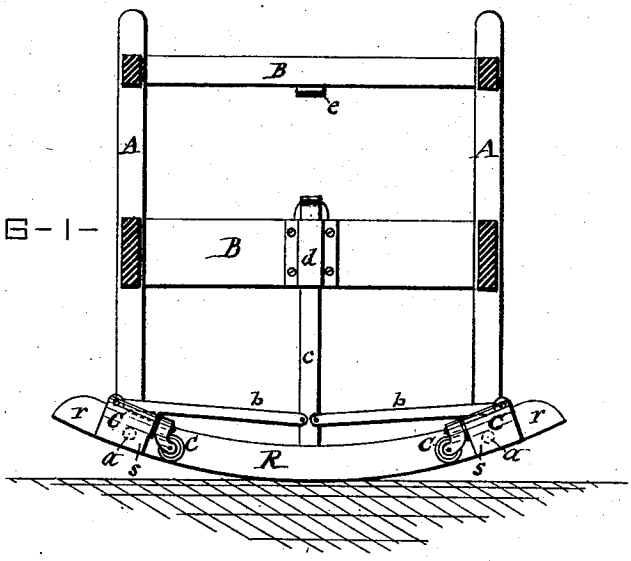


FIG-2-

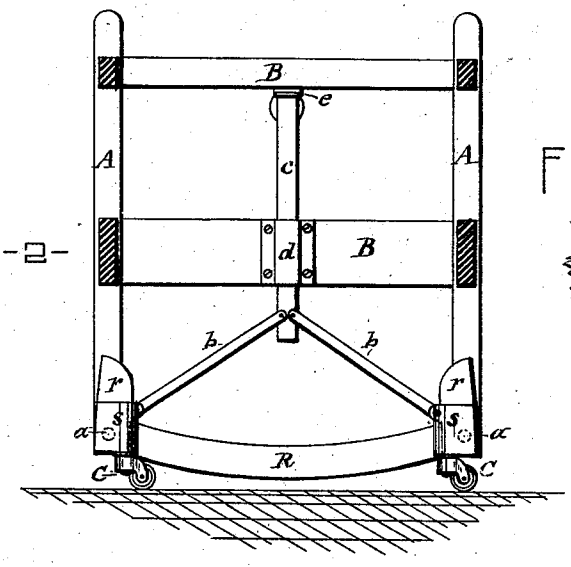
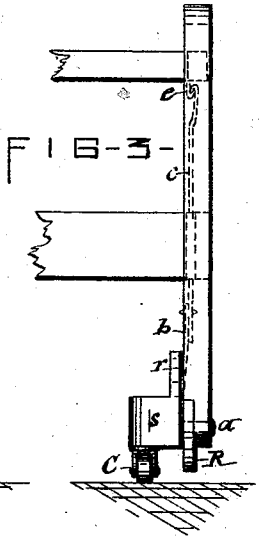


FIG-3-



WITNESSES—
Chas. E. Raymond.
F. H. Gibbs

INVENTOR—
William C. Ranney.
per Hull, Laass & Hoyt
his attys

N. PETERS. Photo-Lithographer. Washington, D. C.

UNITED STATES PATENT OFFICE.

WILLIAM C. RANNEY, OF ELBRIDGE, NEW YORK.

CASTER ATTACHMENT TO ROCKERS.

SPECIFICATION forming part of Letters Patent No. 287,721, dated October 30, 1883.

Application filed July 12, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM C. RANNEY, of Elbridge, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Caster Attachments to Rockers, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

The object of this invention is to provide simple, inexpensive, convenient, and effective means for expeditiously converting the rockers of cradles, chairs, and analogous articles into firm upright supports mounted on casters; and it consists, essentially, in the combination of a rocker composed of a main central section and end sections hinged to the main section, and casters attached to the end sections; and the invention also consists in the combination, with the articulated rocker and casters connected therewith, of a set of levers and a push-bar for adjusting the end sections of the rocker and the casters connected therewith, all as hereinafter more fully described, and specifically set forth in the claims.

In the annexed drawings, Figures 1 and 2 illustrate end sections of a cradle provided with my improvement, and showing the same in its different positions; and Fig. 3 is a side view of the same.

Similar letters of reference indicate corresponding parts.

A A represent the corner-posts of a crib or cradle united, in the usual manner, by a head or foot board, B, and R denotes the rocker, which I articulate at the outside of the posts or legs A A, and thus form the rocker of a main central section and two end sections, *r r*. The end sections I hinge either to the ends of the main section or to the foot of the posts A A, so as to allow said end sections to be swung upward into a vertical position, as shown in Fig. 2 of the drawings, and thus remove all projections from the legs or posts of the crib or cradle. To the end sections, *r r*, at the end adjacent to the main section of the rocker, I attach casters C C, standing with their vertical spindles nearly or quite parallel to the end sections, *r r*, so that when said end sections are in range with the main section of the rocker the casters are caused to carry their rollers above the tread of the rocker, as shown in Fig. 1 of the drawings, thus allowing the crib or cradle unimpeded rocking motion. By turning the end sections, *r r*, into a vertical position, as shown in Fig. 2 of the drawings, the casters C C assume their proper upright position and carry their rollers below the tread of the rockers, thereby raising the crib, so that the rockers clear the floor and cause the crib to be supported by the casters.

The socket *s* of the caster and the rocker-section *r* may be formed of one piece, of cast metal, together with the gudgeon or pintle *a*, by which said parts are pivoted on the rocker R or on the foot of the post A.

b b are two toggle-levers, connected with the two casters, and with a vertical bar, *c*, which latter slides in a suitable bearing, *d*, on the end cross-board, B. By pushing the bar *c* down the toggles *b b* are caused to throw the end sections, *r*, of the rocker outward, and simultaneously swing the casters up above the tread of the rocker, as shown in Fig. 1 of the drawings. By drawing the bar *c* upward the toggles *b b* are made to draw the rocker-sections upward, and thereby swing the casters into a vertical position to support the rocker, as illustrated in Fig. 2 of the drawings.

The connection of the toggles *b b* on the bar *c* is made in such relative position that when said bar is pushed down and the rocker-sections *r* extended the aforesaid connection is slightly below the connection of the toggles on the casters, thereby causing the rocker-sections when bearing on the floor to exert a downward pressure on the bar *c*. The end of the latter, bearing on top of the central portion of the rocker, sustains said bar, and, in conjunction with the aforesaid downward pressure, partly locks the device in its position.

A suitable catch, *e*, connected with the end cross-board, B, and adapted to engage with the upper end of the bar *c*, serves to sustain the latter in its elevated position, as shown in Fig. 2 of the drawings.

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

The combination, with the frame A B and rocker R, of the end sections, *r r*, connected

with the rocker by an upward-deflecting hinge, casters C C, rigidly attached to the end sections, and standing with their vertical spindles in range with said end sections, and levers *b b c*, for operating the casters, substantially as described and shown.

In testimony whereof I have hereunto signed my name and affixed my seal, in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga, in the State of New York, this 5th day of July, 1883.

WILLIAM C. RANNEY. [L. S.]

Witnesses:
FREDERICK H. GIBBS,
WILLIAM C. RAYMOND.