To all whom it may concern:

Be it known that I, Richard H. Beilke, a subject of the Emperor of Germany, residing at Granton, in the County of Clark and State of Wisconsin, have invented certain new and useful Improvements in Rocking-Chair-Operated Devices, of which the following is a specification.

An object of my invention is to provide a device which can be fitted to a rocking chair and connected with a baby carriage or a child’s go-cart in such arrangement that as the chair is rocked the carriage or go-cart will be given backward and forward movement to accomplish a rocking or jogging movement of the vehicle body as carried by the wheels.

A further object is to so construct the parts that the attachment may be interchangeably fitted to chairs of various sizes, and may also be mounted to place the baby carriage or go-cart in front of or behind the rocking chair and to vary the distance at which the vehicle is disposed from the chair.

A still further object lies in so constructing the parts that the point of attachment of the device to the rocking chair may be varied to vary the relative movement forward and backward of the vehicle, but also to arrange the parts so that they may be adjusted within themselves to accomplish this same object after attachment has been made at a predetermined point on a chair.

With the above and other objects in view, my invention consists in certain novel features of construction and combination of parts which will be hereinafter set forth in connection with the drawings and then more particularly pointed out in the claims.

In the drawings:

Figure 1 is a view in elevation showing the device fitted in an operative relation.

Fig. 2 is a detail sectional view on the line 2-2 of Fig. 1.

Fig. 3 is a detail view with parts shown in section to better illustrate parts of the operating mechanism of the device.

Fig. 4 is an enlarged detail of portions of the mechanism shown in Fig. 3.

Fig. 5 is a fragmentary sectional view showing a slightly modified form of a portion of the structure.

The attaching member 1 is provided with a tube-like extension 2 so that the attaching members 1 and 3 may be mounted together with the extensions 2 and 4 thereof in telescopic relation. It is a purpose that the attaching members 1 and 3 shall be secured to the legs or rounds of a rocking chair, and with this end in view the attaching member 1 is provided with a socket 5 while the attaching member 3 has the socket 6 formed therein.

The clamp members 7 and 8 are formed to be mounted in conjunction with the attaching members 1 and 3 and these clamp members are shaped so that with the sockets 5 and 6 they will form suitable circular openings to receive the legs 9 of the rocking chair generally indicated at 10 in Fig. 1, or they may be shaped to receive the rounds placed between the legs of the chair. To prevent marring or scratching of the varnish by the attaching members or the clamp members, the lining strips 11 and 12 are provided to fit within the clamp members and the sockets of the attaching members around the legs or rounds of the chair to prevent contact of the metal with the varnish, and to hold these clamping members in place, the clamp bolts 13 are provided to be received through orifices formed in the ends of the clamp members 7 and 8 and to pass into suitably screw threaded orifices in the respective attaching members. These clamp bolts 13 preferably have the wing heads 14 provided thereon to permit ready turning of the clamp bolts without the use of a wrench or other tool, and thus the clamp members 7 and 8 may be brought to the desired clamped relation against the legs or rounds of the chair to hold the attaching members 1 and 3 securely thereon, the telescopic connection of these two members permitting the same to be adjusted in their spacing with respect to each other to space the sockets thereof at the proper points.

A clamp structure which comprises the clamp block 15 and the clamp plate 16 to be secured together by a clamp bolt 17 is provided with a socket 18 shaped to receive one of the axes of the baby carriage or go-cart as generally indicated at 19, the axle being shown at 20 in Fig. 3, and this clamp structure has a socket 21 formed through an extension of the block 15. An adjustable attaching member which comprises the stem 22 having the head 23 carried thereby is mounted in conjunction with the attaching members 1 and 3 by being passed slidably...
into the bore of the extension 2 and a set screw 24 is provided to hold the desired adjustment of this adjustable attaching member by engaging against the stem 22 thereof, and thus the disposition of the head 23 in its relative positioning with respect to the rocking chair 10 can be varied.

A composite connecting rod, generally indicated at 25 consists of the rod member 26 which has a hooked end 27 to be received in the opening 21 of the block 15 and the rod member 28 which has the pintles 39 on the end thereof to be fitted in conjunction with the head 23 to mount this rod hingedly connected therewith, and these rod members 26 and 28 are provided with right and left hand screw threads which are meshed with the screw threads of a connecting sleeve 30. This connecting sleeve 30 may be turned after the manner of a turn buckle and the length of the connecting rod structure 25 may thus be varied.

In the modified form of the structure as shown in Fig. 5, the socket openings 31 of the attaching members are made substantially squared and the clamp plates 32 are made flat to be received over the open side of the socket 31 to inclose a substantially rectangular area, the clamp bolts 33 being provided to secure this clamp plate 32 in place and the buffer strip 34 which may be of rubber, cloth, felt or other suitable material being provided within the socket of the attaching members to preclude the possibility of the metal structure scratching or marling the varnish of the chair.

In the use of the device, the attaching members 1 and 3 will be fitted to the legs or rounds of a rocking chair at a suitable point above the rockers and by connecting the clamp structure with the axle and the rod structure 25 between this clamp structure and the adjustable attaching rod carried by the attaching members, a connection is formed so that as the chair is rocked backward and forward rolling movement will be imparted to the go-cart or baby carriage. To vary the proximity in which the carriage or go-cart is placed with respect to the chair, the sleeve 30 may be turned to either draw the rods 20 and 28 therein or extend the same, and the relative movement to be imparted through the connection to the carriage can be varied by moving the attaching members up or down along the extent of the legs 9 of the chair 10.

From the foregoing it will be seen that I have provided a very simple device which may be attached to a rocking chair with a somewhat firm and rigid connection, and which has connection to a baby carriage or child's go cart so arranged that the rocking movement of the chair will be transformed and transmitted to accomplish backward and forward rolling movement of the carriage over the floor, and further that the arrangement of the parts is such that the device can be very cheaply and simply manufactured and will present very little likelihood of getting out of order, while at the same time permitting quite a number of variations in the setting thereof.

While I have herein shown and described only specific forms of the device, it will be understood that a variety of modifications and changes might be resorted to without departing from the spirit and scope of my invention, and hence I do not wish to be limited to the exact disclosure but only to such points as may be set forth in the claims.

I claim:

1. A rocking chair operated device including a clamp member capable of attachment to a chair and having a bearing associated therewith, a clamp member adapted for attachment to the part to be operated and having a bearing formed in conjunction therewith, and a connecting rod attached between said parts by being connected in the bearings thereof.

2. A structure to be connected on a rocking chair consisting of a pair of attaching members adjustably connected together and to the rocking chair, and adjustable clamp structure to be fitted on one of the axles of a child's carriage, and adjustable means to be fitted between the means mounted on the carriage and the attaching members in such relation that as the rocking chair is rocked backward and forward rolling movement will be imparted to the carriage.

3. An attachment comprising a pair of attaching members having tubular extensions by which they are adjustably connected together, said attaching members provided with sockets, clamp members to be fitted in connection with said attaching members to mount the same in conjunction with a rocking chair, an adjustable clamp structure to be connected on one of the axles of a child's carriage, an adjustable attaching member adjustably fitted in connection with the attaching member aforesaid, means to hold said adjustable attaching member in the proper relation, and an adjustable connecting rod to be attached between the adjustable attaching member and the clamp member to cause backward and forward rolling movement to be imparted to the carriage as the chair is rocked.

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

RICHARD H. BEILKE.

Witnesses:
W. SCOTT DAVIS,
C. A. WILKE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."