C. W. BEISER.

TOY.

APPLICATION FILED AUG. 23, 1906.

925,273. Patented June 15, 1909.

Fig. 1.

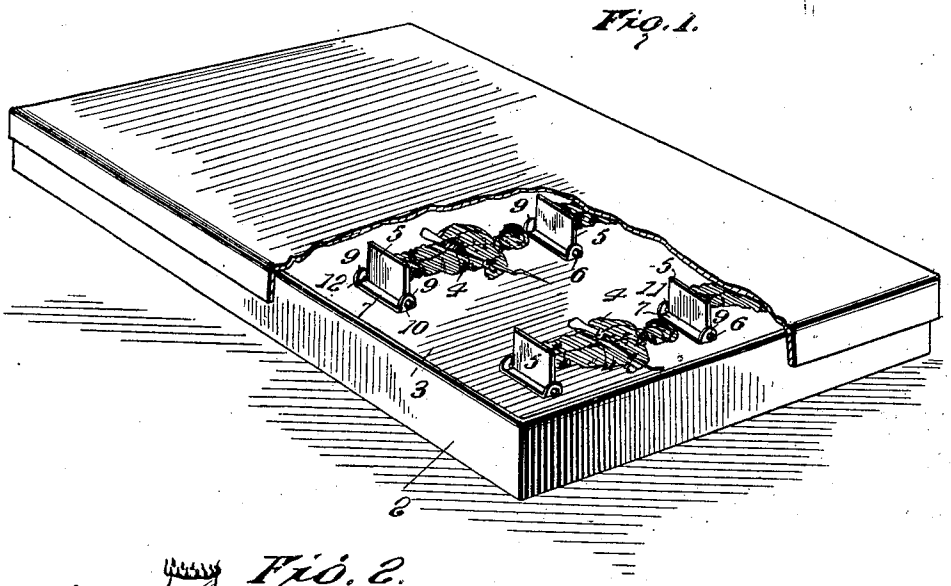


Fig. 2.

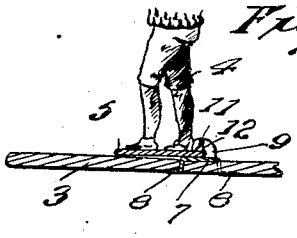


Fig. 3.

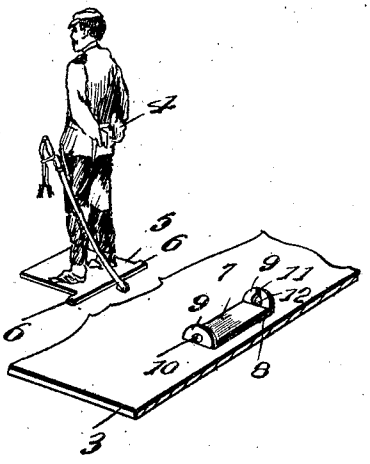
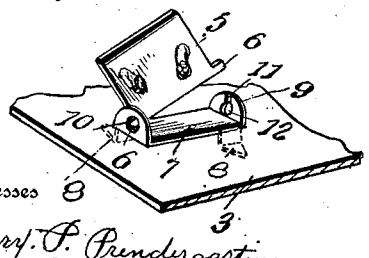


Fig. 4.



Witnesses

Harry P. Prendergasting.

C. R. Wright Jr.

Inventor

Chas W. Beiser

By Kuhnt & Peck

Attorney

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

CHARLES WILLIAM BEISER, OF BROOKLYN, NEW YORK, ASSIGNOR TO AMERICAN SOLDIER COMPANY, OF BROOKLYN, NEW YORK, A CORPORATION OF NEW YORK.

TOY.

No. 925,273. Specification of Letters Patent. Patented June 15, 1909.

Application filed August 23, 1906. Serial No. 331,784.

To all whom it may concern:

Be it known that I, CHARLES WILLIAM BEISER, a citizen of the United States, residing at Brooklyn, Kings county, State of New York, have invented certain new and useful Improvements in Toys; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to certain improvements in devices for packing and supporting toys, and the like, and relates more particularly to improvements on the constructions shown in my patent for devices for packing and supporting toys, No. 782,817, dated February 21, 1905.

An object of the invention is to provide certain improvements in constructions and arrangements of parts, whereby highly efficient and advantageous means will be produced for supporting toy figures or the like in either the "display" or "flat" position on the tray, supporting card or the like, and permitting the quick and easy shifting of such toys from one to the other of said positions, and permitting easy removal of said toys from or of application thereof, to said means.

The invention consists in certain novel features in construction and arrangement or combinations of parts as more fully and particularly explained hereinafter.

Referring to the accompanying drawings, which show a preferred embodiment of my invention:—Figure 1, is a perspective view of a packing case or box, partially broken away to show a toy supporting or carrying tray or sheet in the box and having several toys thereon arranged in the horizontal or "flat" position. Fig. 2, is a perspective view of a portion of the tray, showing a toy in standing or display position. Fig. 3, is a detail perspective of the base or hinge plate, and of a toy base separated from said plate. Fig. 4, is an edge view enlarged, showing the toy base in position for removal from the base or hinge plate.

In the drawings, 2, is any suitable packing box adapted to movably receive a tray, sheet or the like, carrying the toys. These boxes are usually, although not necessarily, made of cardboard or the like of the slip cover type, although the trays can be packed in any suitable boxes.

3, is the tray or sheet to which the toys are attached although the toys can be attached to any suitable support. I usually employ stiff sheets or flat trays of cardboard, or other equivalent material, of a size to fit in boxes prepared therefor, so that the tray can be removed from the box and placed thereon for display, or can be displayed while in the box when the cover is removed.

4, are the toy figures, each of any suitable form or configuration, although each is usually cast of suitable metal with a flat usually rectangular base 5 which will form a firm bearing or base for the toy in holding the same in the natural upright position when removed from the tray. A separate fastening, attaching or supporting device is provided for such toy for detachably receiving the toy and for hinging or pivotally joining the same to the tray to swing in a plane perpendicular to the tray. For accomplishing this result I provide a hinge connection directly between the tray and toy base, without the interposition of a plate detachably receiving the toy and having a hinge connection with the tray.

Various means can be employed for establishing a preferably detachable hinge connection directly with the toy base. For instance, in the example shown, I form each toy base 5, with pintles 6, arranged at the rear corners thereof and in the same axial line. These pintles are preferably formed in one piece with the base and project laterally in opposite directions from the opposite edges of the base. These pintles are arranged in the axial line on which the toy swings to and from the upright display and the horizontal or flat positions. These pintles are usually flattened in cross section, that is, they are preferably not cylindrical.

A device is provided for each toy, to complete the direct detachable hinge connection between the toy base and tray. For instance, I show plates 7, each having opposite edge depending spurs 8, passed into or through the tray and clenched thereinto or thereto, to secure the plate flat down on the top face of the tray. The ends of the plate are bent up at right angles to form the two parallel ears 9, spaced such a distance apart as to barely receive the rear portion of a toy base between them and yet permit free vertical swing of said base between said ears. These ears are formed to detachably receive

the pintles 6, and thereby confine the toy to the plate and permit the pintles to turn in the ears as the toy swings. In the specific example illustrated, I show one ear formed with a transverse perforation 10, to loosely receive and form the bearing opening for a pintle, while the opposite ear is formed with a vertical slot 11, opening through its top edge. The lower end of the slot opens into and terminates in an enlarged bearing opening or perforation 12, opposite and alined with perforation 10, and to loosely receive the other pintle. The width of the slot 11, is preferably less than the greatest width or thickness of the pintle, and hence a toy can be coupled to or removed from the plate by swinging the toy to a position with its narrow edge presented to said slot so that the pintle can move vertically through the slot. If desired, the pintles can be so formed that when the toy is in the horizontal position, the wide faces of the pintles will be vertically arranged, so that the toy can be applied to or removed from the plate when the toy is in the horizontal position, whereby when the toy is in the vertical display position it is locked to and cannot be lifted from the tray and plate.

When the toy is in the horizontal position it can be removed from the plate by tilting the toy laterally to swing its base vertically on the pintle in the perforation 10, and until the opposite pintle is raised from the slot, and the base can be moved laterally to clear the opposite pintle from perforation 10. Other arrangements might be provided for forming a detachable hinge connection directly between the toy base and tray to confine the toy to swing in the plane perpendicular to the tray.

It is evident that various changes and modifications might be resorted to in the forms, construction or arrangements of the parts described without departing from the spirit and scope of my invention, hence I do not wish to limit myself as to all features to the exact construction disclosed.

What I claim is:

In combination, a carrier, a plate secured thereto and having ears with bearing openings, one ear having an entrance slot to its bearing opening, and a toy figure having a base with pintles removably confined in said openings.

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

CHARLES WILLIAM BEISER.

Witnesses:

CHARLES L. KELLER,

EDW. G. EIBEN.