Oct. 18, 1932. J. E. BLAKE 1,883,502

TOY HANDCUFFS

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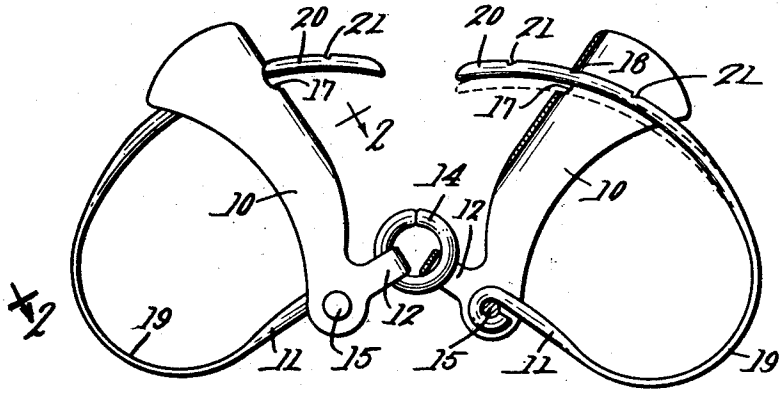


Fig. 1.

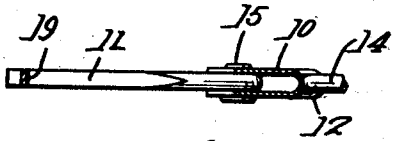


Fig. 2.

Inventor
Joseph E. Blake
By Attorneys
Southgate Fox & Hawley

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JOSEPH E. BLAKE, OF GARDNER, MASSACHUSETTS

TOY HANDCUFFS

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This invention relates to hand-cuffs for use by children in play or for initiation or similar purposes.

It is the general object of my invention to provide hand-cuffs which are simple and economical in construction and which may be easily applied or released.

A further object is to provide hand-cuffs in which the usual locking mechanism is replaced by a single yielding or resilient member which automatically snaps into holding relation with the frame or casing, and which may be released by direct manual pressure.

My invention further relates to arrangements and combinations of parts which will be hereinafter described and more particularly pointed out in the appended claims.

A preferred form of the invention is shown in the drawing, in which

Fig. 1 is a front elevation, partly in section, of my improved hand-cuffs, and

Fig. 2 is a detail sectional view, taken along the line 2—2 in Fig. 1.

Referring to the drawing, I have shown a pair of hand-cuffs, each one of which comprises a body or frame 10 and a holding member 11.

The frame 10 is preferably formed of sheet metal bent to the U-shaped section shown in Fig. 2 and having projections 12 connected in any convenient manner as by a link 14. The holding member 11 is substantially U-shaped in outline and one end of the member 11 is positioned between the sides of the frame 10 and is pivoted therein on a stud or rivet 15.

The frame member 10 is enlarged outwardly and in its outer end is provided with an opening 17, the outer edge of which forms a shoulder 18 (Fig. 1).

The middle portion of the holding member 11 is reduced in cross section, as indicated at 19, so that the holding member is inherently resilient. The outer or free end portion 20 of the member 11 is provided with notches 21 on its outer surface, adapted to selectively engage the shoulder 18 on the frame 10. The member 11 is held in firm engagement with the shoulder 18 by the resilience of the middle portion 19 of the member 11.

The opening 17 is of sufficient size so that the end portion 20 of the member 11 can be depressed to release the holding member from the shoulder 18, as indicated in dotted lines at the right in Fig. 1.

Having described the details of construction of my improved toy hand-cuffs, the utility and operation thereof will be readily apparent. When the end portion 20 of the holding member 11 is depressed, the holding member may be swung outwardly to a sufficient extent to permit a hand to be inserted between the holding member 11 and the frame 10. Ordinarily, however, the end 20 of the holding member is not entirely removed from the opening 17.

After being applied to the intended wearer, the member 11 may be moved inward to closely engage the wearer's wrist, whereupon the shoulder 18 will engage a selected notch 21 and will firmly retain the member 11 in holding position. The member 11 may be thereafter released by the direct application of manual pressure to the portion of the holding member which projects through the opening 17.

My improved toy hand-cuffs thus firmly secure the wearer but may be readily released without the use of a key or other unlocking device, are thus particularly adapted for the use of children at play or for other similar purposes.

Having thus described my invention and the advantages thereof, I do not wish to be limited to the details herein disclosed, otherwise than as set forth in the claims, but what I claim is:—

1. A toy formed of a pair of connected hand-cuffs each of which comprises a frame having side walls and a connecting portion along one edge thereof with an opening through said connecting portion, and a substantially U-shaped holding member pivoted at one end to said frame and having its free end portion provided with notches on its outer surface, and said notched end portion selectively and yieldingly engaging a shoulder on said frame when said free end portion is inserted through said opening.

2. A toy formed of a pair of connected hand-cuffs each of which comprises a frame

having side walls and a connecting portion along one edge thereof with an opening through said connecting portion, and a resilient holding member pivoted to said frame and having its free end portion extending through and projecting beyond said frame opening when in use, said end portion being provided with notches to engage a shoulder on said frame and being releasable therefrom by direct manual pressure on the projecting end portion of said member.

3. A toy formed of a pair of hand-cuffs each of which comprises a frame U-shaped in section and having an opening through the closed end wall of said section, and a substantially U-shaped resilient holding member pivoted at one end between the sides of said frame, and having its free end portion notched on its outer side and yieldingly engaging a shoulder formed by an edge of said opening, said frame having an integral projection adjacent the pivot of said holding member adapted for connection to the complemental cuff of the pair.

4. A toy formed of a pair of connected hand-cuffs each of which comprises a sheet metal frame U-shaped in section and having an opening through the closed end wall of said section, and a substantially U-shaped resilient holding member pivoted at one end between the sides of said frame and having its free end portion notched on its outer side and yieldingly engaging a shoulder formed by an edge of said opening, said member projecting substantially beyond said frame when in operative position and being releasable by the application of direct manual pressure on said projecting end portion.

5. A toy formed of a pair of connected hand-cuffs each of which comprises a sheet metal frame U-shaped in section and having an opening through the closed end wall of said section, and a substantially U-shaped resilient holding member pivoted at one end between the sides of said frame and having its free end portion notched on its outer side and yieldingly engaging a shoulder formed by an edge of said opening, said holding member being reduced in cross section in its middle portion to increase its resilience.

In testimony whereof I have hereunto affixed my signature.

JOSEPH E. BLAKE.