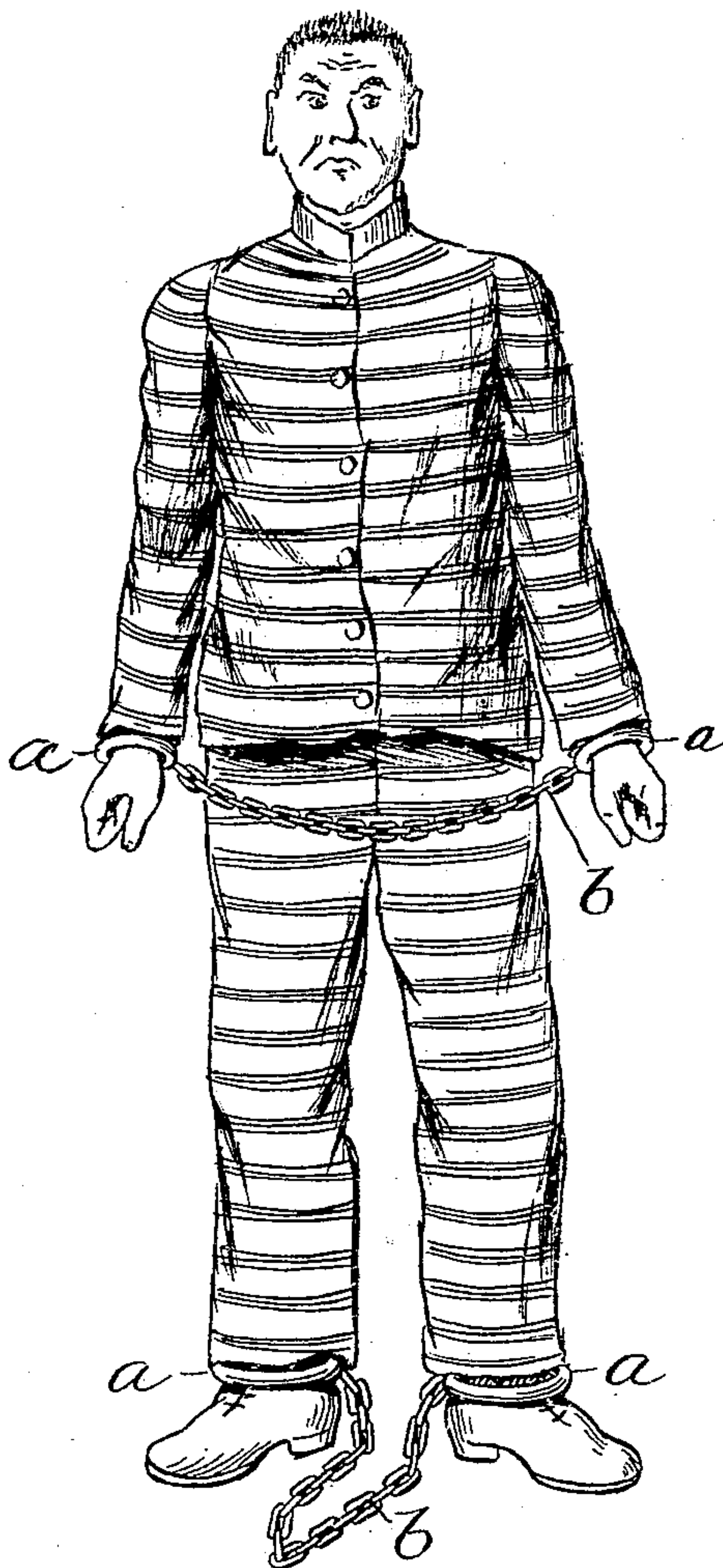


(No Model.)

M. PENNYBACKER.  
PUZZLE.

No. 495,997.

Patented Apr. 25, 1893.



Attest  
James M. Spear  
Notary Public

Inventor  
Morgan Pennybacker  
by Walter M. Adams & Co.  
ATTY

# UNITED STATES PATENT OFFICE.

MORGAN PENNYBACKER, OF WASHINGTON, DISTRICT OF COLUMBIA, AS-  
SIGNOR OF ONE-HALF TO ROGER T. MITCHELL, OF SAME PLACE.

## PUZZLE.

SPECIFICATION forming part of Letters Patent No. 495,997, dated April 25, 1893.

Application filed October 27, 1892. Serial No. 450,170. (No model.)

*To all whom it may concern:*

Be it known that I, MORGAN PENNYBACKER, a citizen of the United States of America, residing at Washington, District of Columbia, have invented certain new and useful Improvements in Toys or Puzzles, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention is a toy, in the nature of a puzzle, and is designed for amusement and the display of skill in solving the problem involved. The toy is in the form of a doll representing preferably a convict or prisoner arrayed in a suit of clothes which are removable, in the ordinary way under ordinary circumstances, the ordinary removal however, being prevented by manacles around the wrists and ankles of the figure, each pair being connected together, by chains, and the problem presented is to remove the clothes of the figure without rupture, and without the removal or displacement of the manacles and chains.

I have shown in the accompanying drawing, the figure of a man, wearing a convict suit, but it will be understood that I do not limit myself to the character of the suit worn as this may be varied according to fancy, nor do I limit myself to the character of the manacles, it being necessary only that the arms of the figure shall be connected to prevent the removal of the jacket in the ordinary manner, and that the limbs of the figure be connected in like manner so as to offer an obstruction to the ready removal of the lower garment.

The figure represents a face view of a convict clothed in a striped suit. In this figure, the convict is shown as being clothed in a jacket covering the upper part of his body and his arms and a pair of pants covering the lower part of his body, while the lower limbs are connected together by bands *a*, passing around the ankles and connected to each other by means of a chain *b*, this chain manifestly preventing the removal of the pants in the ordinary manner. The wrists of the figure are encircled by corresponding bands *a*, connected in like manner by a chain *b*, which

likewise prevents the ready removal of the jacket, and requires its removal in a manner other than the ordinary way.

The figure may be made in any suitable manner of wood or may be stuffed, or made in any suitable or convenient way such as dolls are made and it will be understood that the form of the figure and the manner of its manufacture form no part in the present invention and any ordinary or improved means may be used in its production. The arms and limbs may be rigid or may be provided with joints, with a jointed connection to the body as may be found desirable.

The main feature of the puzzle is to remove the garments of the figure in spite of the obstruction offered by the chain and without displacing in any way the manacles and chains.

In the removal of the clothes, instead of attempting their removal in the ordinary way, the sleeve for instance is removed from the figure by passing the lower end through between the band *a*, and the arm which permits it to be passed over the hand, and thus uncovers the arm, and frees the sleeve entirely therefrom. The sleeve however is still encircled by the band *a*, but it is easily and readily removed by passing it up through the band and as soon as the lower end of the sleeve passes through, one half of the figure or the upper part thereof at one side is unclothed. It will be understood that in drawing down the sleeve it is simply passed through the band thus removing it from the arm, and in passing it up again the entire sleeve is passed through upon one side of the arm between it and the band, the lower or downward movement rather, freeing the sleeve from the arm and the upward movement freeing the sleeve from the band. The other sleeve being manipulated in the same way, entirely unclothes the upper part of the figure, and the lower parts may be uncovered in the same way. In restoring the clothes to the figure, the sleeves are first drawn downwardly through the bands and between them and the arm until the hand can be introduced into the open upper part of the garment, and through this open part into the armhole and the sleeve is



then drawn up into proper position upon the arm. The pants are applied in precisely the same way.

I do not desire to be confined to a figure  
5 having its arms and limbs bound together, though I prefer this construction, as the figure may be arranged with but one set of manacles either at its wrists or at the ankles, and in  
10 this case the upper and lower garments may be connected together instead of being in two independent pieces.

Having thus described my invention, what I claim is—

1. A toy or puzzle consisting of a figure hav-  
15 ing arms and limbs, a removable suit of clothes thereon, arranged to be taken off in the usual

manner bands encircling the wrists and ankles, each pair being connected, substantially as described.

2. A toy or puzzle consisting of a figure hav- 20  
ing arms and limbs, a removable garment on said figure, arranged to be taken off in the usual manner and a connection between the limbs for preventing the removal of said garment in the ordinary way, substantially as 25  
described.

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

MORGAN PENNYBACKER.

Witnesses:

F. L. MIDDLETON,  
HENRY E. COOPER.