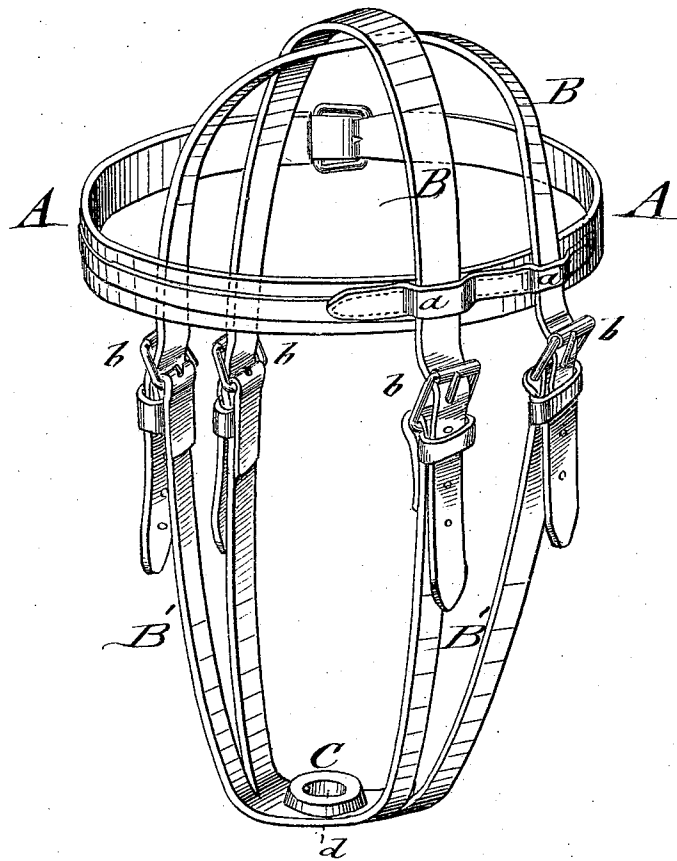


W. SHIELDS.  
Anal Trusses.

No. 151,318.

Patented May 26, 1874.



WITNESSES:

*Chas. Nida.*  
*Chugniex*

INVENTOR:

*W. Shields*  
BY *mmu*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

WILLIAM SHIELDS, OF MOUNT STERLING, ILLINOIS.

## IMPROVEMENT IN ANAL TRUSSES.

Specification forming part of Letters Patent No. 151,318, dated May 26, 1874; application filed April 4, 1874.

*To all whom it may concern:*

Be it known that I, WILLIAM SHIELDS, of Mount Sterling, in the county of Brown and State of Illinois, have invented a new and Improved Truss, of which the following is a specification:

The accompanying drawing shows a perspective view of my improved truss for diseases of the rectum.

The object of my invention is to furnish a conveniently and easily applied truss or bandage for the purpose of treating and curing successfully diseases of the rectum. My invention consists of a band placed around the waist to which the shoulder-straps are applied adjustably in such a manner that they cross at the back and connect between the limbs, carrying there a raised ring of suitable material, which is fitted by the buckles of the straps tightly on the anus.

In the drawing, A represents the main strap or band, which is placed around the waist and buckled there to retain its position. The straps B are applied loosely by loops *a* to the waistband A, cross on the back, pass then over the shoulders and down under the waistband between the limbs to the rear extensions B' of the straps. Front and rear buckles *b* serve to adjust the straps to the exact length required. The connecting part of straps B' is provided with a round aperture, *d*, of suitable size, which is strengthened by a raised ring, C, of leather, glass, metal, or other suitable material, and intended to be placed into exact position on the anus by means of the straps B,

The truss may be applied in some cases only temporarily during the evacuation of the bowels, or may be worn constantly during the day—as in the case of a prolapsus recti—in upright position.

The use of the rectal truss strengthens the sphincter ani muscles, and may be applied in all cases of prolapsus recti, enlargement of the hemorrhoidal veins and tumors of the anus, or polypi of the rectum.

The continual application of the truss will permanently improve and cure diseases of the rectum and chronic diarrhea, and give thereby relief to a number of persons who are at present unable to find alleviation for their sufferings.

I am aware the use of a waistband, shoulder, and thigh straps is not new; but am unaware of the previous use of a perforated disk as an anal pad or support which can be worn during defecation.

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

The combination, with the ordinary waistband and shoulder straps A B, of the subjacent limb-strap B', bifurcated in both directions from the raised perforated disk C, as and for the purpose specified.

WILLIAM SHIELDS.

Witnesses:

J. B. GLASS,  
A. A. CURY.