

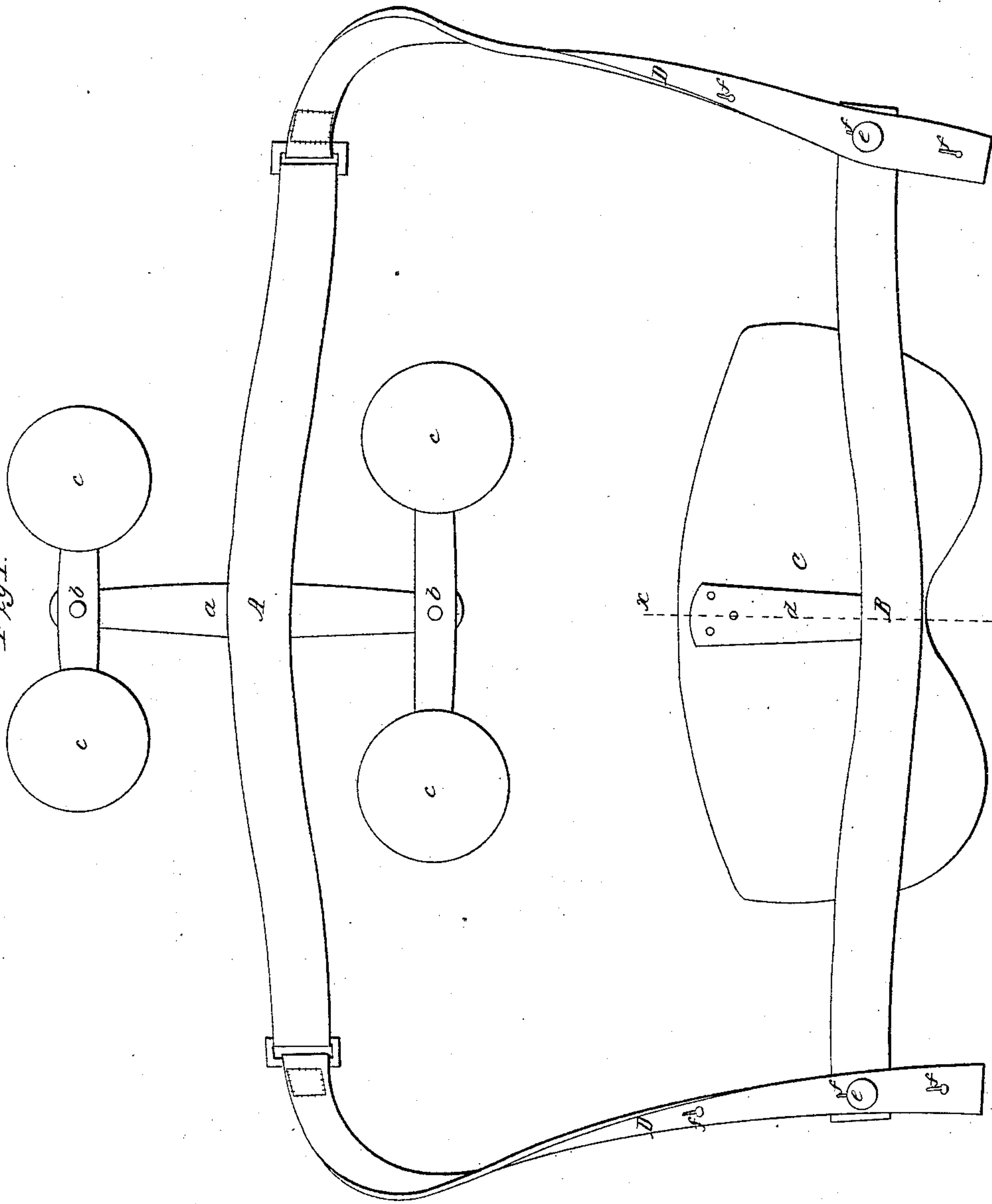
*H. B. Conant,*

*Truss.*

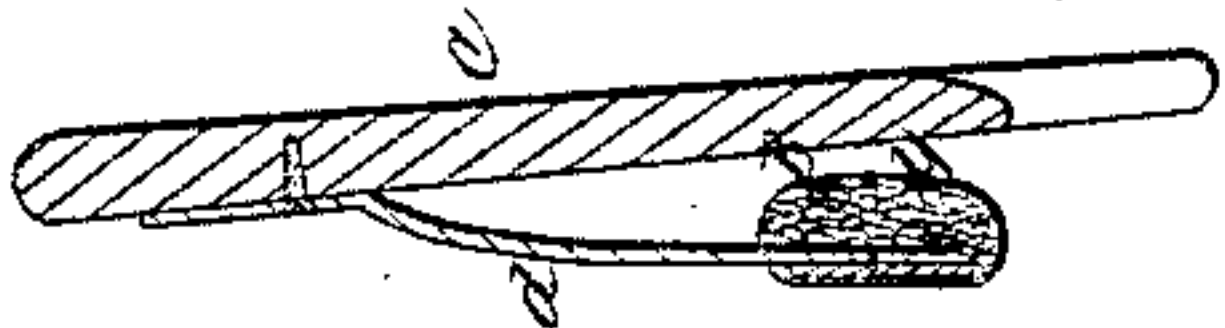
*Patented Aug. 2, 1858.*

*N<sup>o</sup> 9,896.*

*Fig 1.*



*Fig 2.*



# UNITED STATES PATENT OFFICE.

H. B. CONANT, OF GENEVA, WISCONSIN.

## ABDOMINAL SUPPORTER.

Specification of Letters Patent No. 9,896, dated August 2, 1853.

*To all whom it may concern:*

Be it known that I, H. B. CONANT, of Geneva, in the county of Walworth and State of Wisconsin, have invented a new and  
5 Improved Abdominal and Spinal Supporter; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification,  
10 Figure 1 being a front view of the said supporter, and Fig. 2 a section of the same in the line  $x x$  of Fig. 1.

Like letters designate corresponding parts in both figures.

15 The nature of my invention consists in constructing the supporter with two encompassing springs A, and B, attached, respectively, at their centers, to the front and hind pads, the hind spring being slightly curved  
20 upward in the middle, and the front spring correspondingly curved downward; and uniting said springs, at their adjacent ends, with straps D, D, of adjustable lengths; whereby its pressure may be varied at pleas-  
25 ure, and the same supporter worn by persons of different sizes, substantially as herein-after fully set forth.

30 The hind spring A, is attached by a pivot to a short perpendicular spring  $a$ , to the ends of which cross springs, bearing four small pads  $c, c, c, c$ , are secured by pivots  $b, b$ . It is curved edgewise upward in the middle as shown in Fig. 1, by which form it fits easily over the hips.

35 The front spring B, is pivoted at its center to the lower end of a short vertical spring  $d$ , whose upper end is secured to the upper part of the pad C, so that its lower end will recede a little from the lower edge of said  
40 pad, as shown at  $y$ , in Fig. 2. By this arrangement, the pad C, is allowed considerable lateral play for adapting itself to the various positions of the body, and produces an upward as well as a horizontal pressure.

Said spring B', is curved downward in the 45 middle, as shown in Fig. 1, in order to fit properly around the abdomen.

The two springs A, and B, should be of about equal length, and together nearly en-compass the body, and should be straight on 50 their flat sides when not in use, and be of such a degree of stiffness that the desired amount of pressure will be produced when they are bent around the body. They are padded, as shown in the section, Fig. 2, so 55 as to present a soft elastic surface to the body. Each end of the hind spring is furnished with a strap D, in which button holes  $f, f$ , &c., are formed at various distances from the end, that receive buttons  $e, e$ , on 60 the ends of the front spring B, whereby any degree of pressure may be produced and the supporter can be fitted to a person of almost any size.

Having thus fully described my improved 65 abdominal and spinal supporter, what I claim therein as new and desire to secure by Letters Patent, is—

Constructing it with two encompassing springs A, B, attached respectively at their 70 centers, to the front and hind pads; (the hind spring being slightly curved upward in the middle, and the front spring correspondingly curved downward, and both springs straight on their flat sides as described;) and 75 uniting said springs at their adjacent ends with straps D, D, of adjustable lengths; whereby its pressure may be varied at pleasure, and the same supporter worn by persons of different sizes, substantially as herein set 80 forth.

The above specification of my new and improved abdominal and spinal supporter signed by me this 7th day of April, 1853.

H. B. CONANT.

Witnesses:

E. D. RICHARD, Sen.,  
E. C. MERRILL.