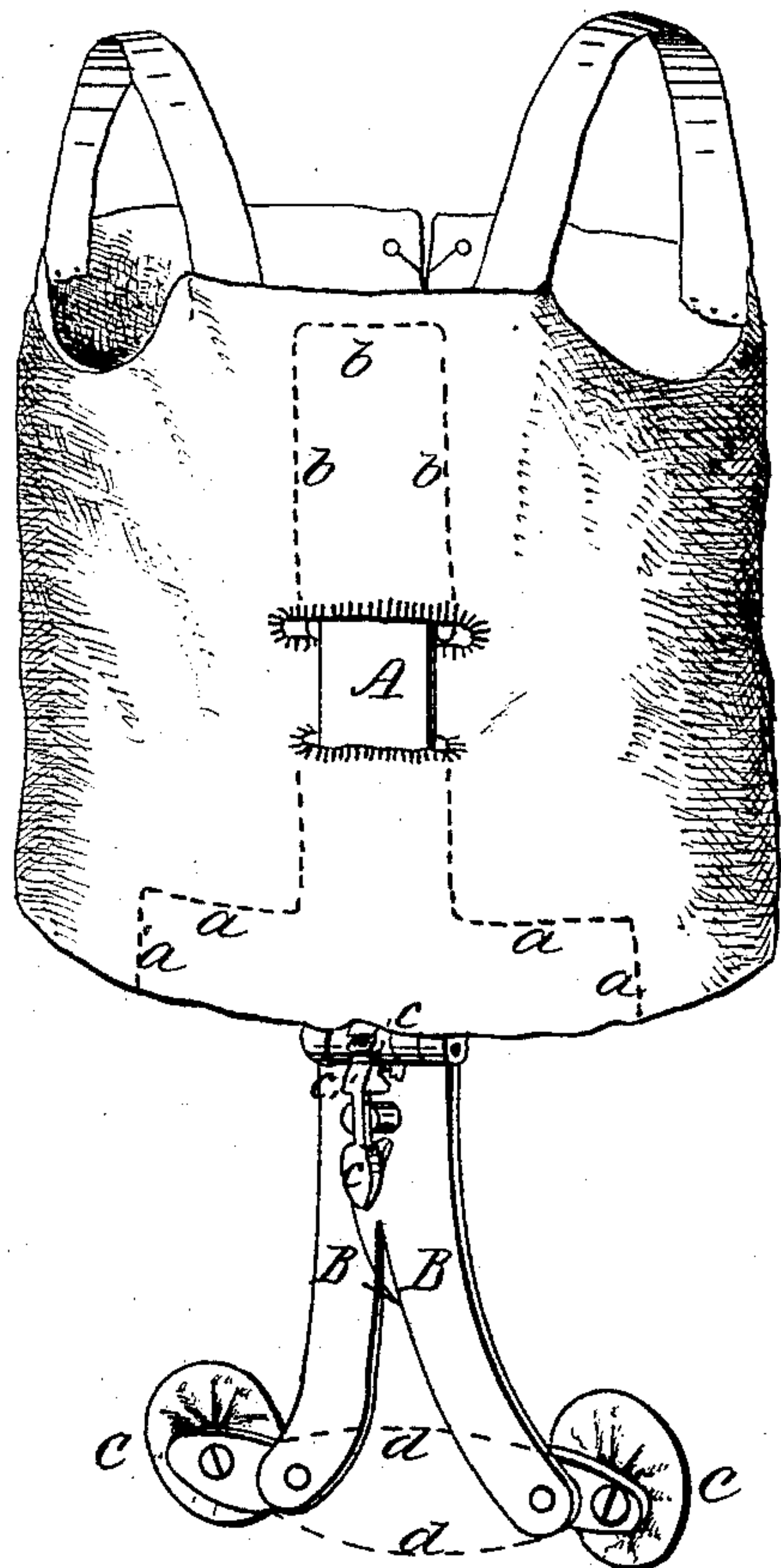


J. M. Sinton,

Truss.

N^o 1,204.

Patented June 27, 1839.



UNITED STATES PATENT OFFICE.

JNO. M. SINTON, OF HACKETTSTOWN, NEW JERSEY.

TRUSS.

Specification of Letters Patent No. 1,204, dated June 27, 1839.

To all whom it may concern:

Be it known that I, JOHN M. SINTON, of Hackettstown, in the county of Warren and State of New Jersey, have invented a new and Improved Mode of Making or Constructing Trusses for Hernia and Prolapsus Uteri; and I do hereby declare that the following is a full and exact description thereof.

10 In my truss I do not make use of a spring to pass around the body and make counter pressure upon the back, but the apparatus to which the pad, or pads, are attached consists of a corset, or jacket, reaching 15 around the body, and laced, or tied behind, in the manner of ordinary corsets. When my truss is employed for the relief or cure of hernia I employ two pads, although the rupture may be on one side of the groin only, 20 a plan which I have recourse to not only because the particular structure of my truss requires it, but also because by this means the pressure upon the rupture is rendered more equable, but as affording security 25 against the occurrence of rupture on the sound side; a practice approved by physicians, and frequently adopted with other trusses, and more especially in warm climates. When my truss is used for prolapsus 30 uteri, I adopt a large pad suited to this purpose, to take the place of the two hernial pads.

35 The accompanying drawings represent the corset, or jacket, with the pads attached thereto.

40 A, is a piece of metal, or other suitable material which is attached at its lower end, to the lower end of the corset, or jacket, which is usually effected by means of a cross piece of metal, and affixed to it, as shown by the dotted lines *a, a, a*, representing the stitching, by which it is confined in place. It extends up in the manner of a busk, or

corset bone, under the part marked *b, b, b*, within which it slides freely up and down, 45 it being, for this purpose received between the two turned up edges of a piece of metal, made fast to the corset, or jacket, which constitutes a bed within which it slides freely, and consequently admits of a free motion of 50 the body in exercise or labor of any kind.

B, B, are two spring pieces, or rather one piece divided so as to form two arms, each carrying a pad C, C, which pads may be 55 made of any of the materials usually employed for that purpose, and deemed most proper in the particular case in which it is applied. These pads may be made adjustable by means of screws, so as to place them at the proper distance apart. The piece of 60 metal carrying the pads is to be attached by a hinge joint at the lower end of the piece A, and is furnished with a spring pawl, and ratchet *c, c*, operating in a way similar to the pad adjusting apparatus in other trusses. 65 The dotted lines *d, d*, show a large pad to be substituted, for the two used for hernia, when this truss is applied to a prolapsus uteri. From the yielding nature of the jacket, or corset, and the general construction of the whole apparatus, the pieces A, 70 and B, although they are intended to have some elasticity, may be made, and are best made, much stronger than the springs usually employed in trusses. 75

Having thus fully described the construction and operation of said truss, what I claim as constituting my invention is—

The combination of the piece, or pieces B, B, with the sliding piece A, attached to and 80 operating with, a jacket, or corset, in the manner herein set forth.

JOHN M. SINTON.

Witnesses:

THOS. P. JONES,
CLEMT. T. COOTE.