Specification of James Salter : trusses.

A.D. 1871, 22nd August N° 2204.

SPECIFICATION

OF

JAMES SALTER.

TRUSSES.

LONDON:
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Price 8d. 1872.

A.D. 1871, 22nd August. N° 2204.

Trusses.

LETTERS PATENT to James Salter, of Newport, in the County of Monmouth, for the Invention of "IMPROVEMENTS IN SURGICAL TRUSSES SUITABLE FOR VARIOUS KINDS OF RUPTURES."

Sealed the 6th February 1872, and dated the 22nd August 1871.

PROVISIONAL SPECIFICATION left by the said James Salter at the Office of the Commissioners of Patents, with his Petition, on the 22nd August 1871.

I, JAMES SALTER, of Newport, in the County of Monmouth, do hereby declare the nature of the said Invention for "IMPROVEMENTS IN SURGICAL TRUSSES SUITABLE FOR VARIOUS KINDS OF RUPTURES," to be as follows:—

Instead of constructing trusses with stiff metal or other springs to clip at any part the body, I use elastic bands secured with buckles and straps or fasteners. These elastic bands are joined together, and in conjunction with the pad constitute the truss, and the whole is adjustable to the body with great nicety by means of the fasteners. The pad is constructed as a hollow metal shell or bivalve enclosing springs (spiral preferred), which keep the two shells of the bivalve open. This shell is

enclosed in a case or bag of chamois leather or other suitable material, and is attached to the elastic bands at that point which, according to the circumstances of the case, is most necessary for the patient's use. These trusses can be made to suit every kind of rupture in male or female, are easily put on and adjusted, and can be worn with great comfort. They can be worn at all times without discomfort and under any exercise whatever without injury to the person wearing them.

SPECIFICATION in pursuance of the conditions of the Letters Patent, filed by the said James Salter in the Great Seal Patent Office on the 21st February 1872.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, James Salter, of Newport, in the County of Monmouth, send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her Letters Patent, bearing date the Twenty-second day of August, in the year of our Lord One thousand eight hundred and seventy-one, in the thirty-fifth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto me, the said James Salter, Her special licence that I, the said James Salter, my executors, administrators, and assigns, or such others as I, the said James Salter, my executors, administrators, and assigns, should at any time agree with, and no others, from time to time and at all times thereafter during the term therein expressed, should and lawfully might make, use, exercise, and vend, within the United Kingdom of Great Britain and Ireland, the Channel Islands, and Isle of Man, an Invention for "Improvements in Surgical Trusses suitable for various Kinds of Ruptures," upon the condition (amongst others) that I, the said James Salter, my executors or administrators, by an instrument in writing under my, or their, or one of their hands and seals, should particularly describe and ascertain the nature of the said Invention, and in what manner the same was to be performed, and cause the same to be filed in the Great Seal Patent Office within six calendar months next and immediately after the date of the said Letters Patent.

NOW KNOW YE, that I, the said James Salter, do hereby declare the nature of my said Invention, and in what manner the same is to

be performed, to be particularly described and ascertained in and by the following statement:—

Instead of constructing trusses with stiff metal or other springs to clip at any part the body I use elastic bands secured with buckles and straps or fasteners. These elastic bands are joined together and in conjunction with the pad constitute the truss, and the whole is adjustable to the body with great nicety by means of the fasteners. The pad is constructed as a hollow metal shell or bivalve enclosing springs (spiral preferred) which keep the two shells of the bivalve open. This shell is enclosed in a case or bag of chamois leather or other suitable material, and is attached to the elastic bands at the point which according to the circumstances of the case is most necessary for the patient's use. The trusses can be made to suit every kind of rupture, and more than one pad may be used if desired (on male or female), and are easily put on and adjusted and can be worn with comfort even under great exercise without injury to the persons wearing them.

In some cases I make the main band for the truss of strong webbing or other material not likely to become slack from the action of heat or otherwise.

Description of the Drawing

accompanying this Specification, which fully exemplifies the nature of the said Invention, and exemplifies and particularly describes and ascertains in what manner the same is to be performed or carried out in practice; and I would here observe that although only one pad is shown in the Drawing, more than one may it will be evident be used if required.

A denotes the main band to go round and over the hips; B, lock band to go round the waist; C, straps securing A and B together; D, pad secured to main band A, and having the lever strap E to go under the thigh secured thereto, the end of which has a tongue F for convenience of passing it through buckle G; G^1, G^2, buckles to main band and lock band respectively; F^1, F^2, tongues for convenience of passing main band and lock band through buckles G^1, G^2, respectively.

Having now particularly described and ascertained the nature of the said Invention, and in what manner the same is to be performed or carried out in practice, I hereby declare that I claim as an entirety the said "Improvements in Surgical Trusses suitable for various kinds of

Salter's Improvements in Surgical Trusses.

Ruptures" as herein-before described, wherein the following are important features,—

First. The combination of the elastic bands and their fasteners with the pad.

Second. The improved form and construction of pad and the use therewith of spiral and other springs.

Third. The arrangements for securing and adjusting the whole truss.

But I do not claim the individual mechanical details per se and apart from the purposes of my said Invention.

In witness whereof, I, the said James Salter, have hereunto set my hand and seal, this 22nd day of January, in the year of our Lord One thousand eight hundred and seventy-two.

JAMES SALTER. (L.S.)

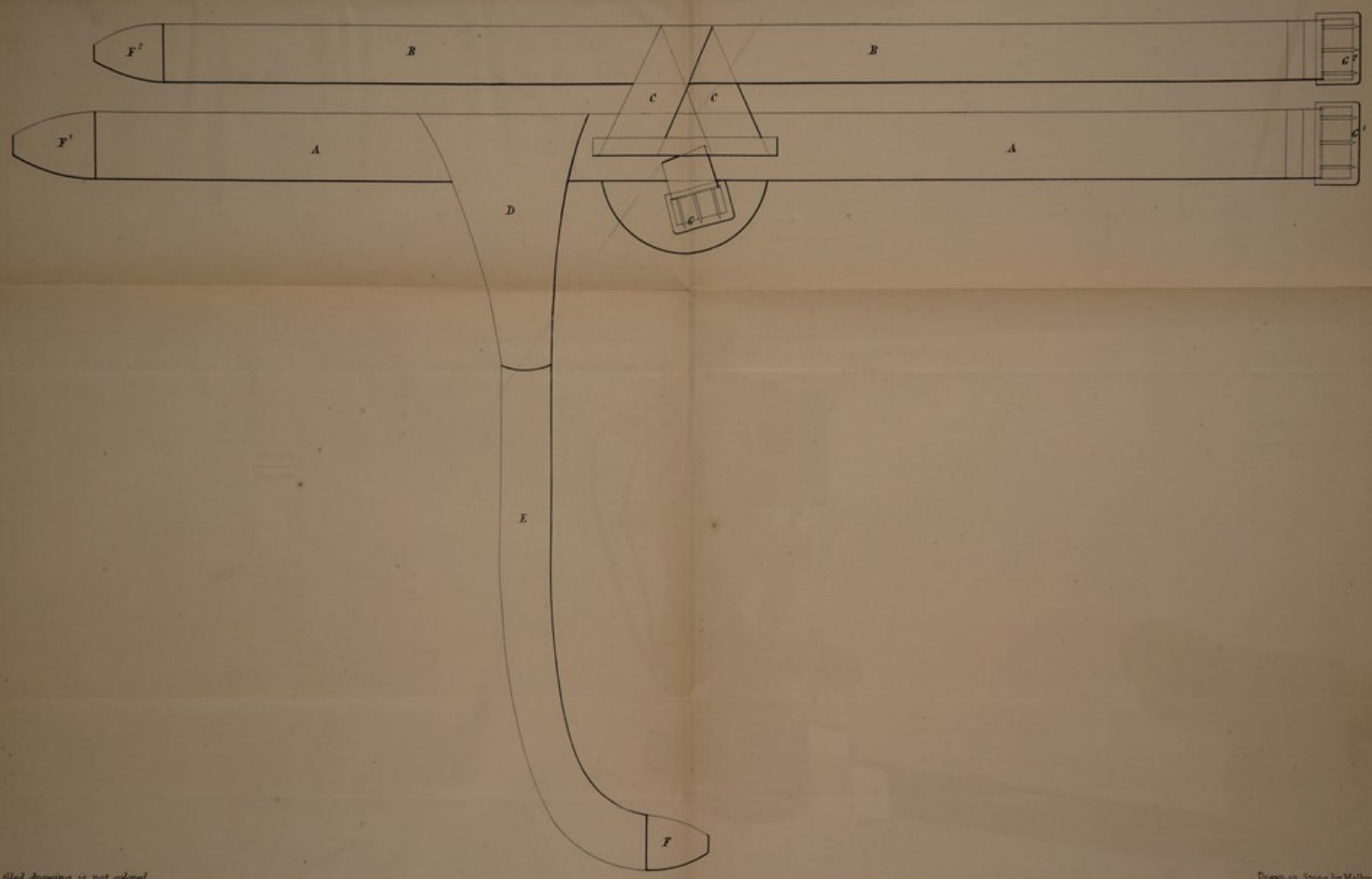
Witness,

W. FULLER LANCE,
Newport, Mon.

LONDON:
Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1872.

A.D. 1871, Aug. 22, Nº 2204.
SALTER'S SPECIFICATION.

(1 SHEET)



The filed drawing is not colored.

Drawn on Stone by Malby & Sons

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