

Specification of Samuel Stacy Skipton : splint for fractured limbs.

Contributors

Skipton, Samuel Stacy.

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A.D. 1860, *3rd August.* N^o 1880.

S P E C I F I C A T I O N

OF

SAMUEL STACY SKIPTON.

—
SPLINT FOR FRACTURED LIMBS,
—

LONDON:

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1861.





A.D. 1860, 3rd AUGUST. N° 1880.

Splint for Fractured Limbs.

LETTERS PATENT to Samuel Stacy Skipton, Doctor of Medicine, and Assistant Surgeon in Her Majesty's 78th Highland Regiment of Foot, for the Invention of "**AN IMPROVED SPLINT FOR GUN-SHOT AND OTHER COMPOUND FRACTURES OF THE LIMBS.**"

Sealed the 25th January 1861, and dated the 3rd August 1860.

PROVISIONAL SPECIFICATION left by the said Samuel Stacy Skipton at the Office of the Commissioners of Patents, with his Petition, on the 3rd August 1860.

I, SAMUEL STACY SKIPTON, Doctor of Medicine, and Assistant Surgeon in
5 Her Majesty's 78th Highland Regiment of Foot, do hereby declare the nature of the said Invention for "**AN IMPROVED SPLINT FOR GUN-SHOT AND OTHER COMPOUND FRACTURES OF THE LIMBS,**" to be as follows:—

This Invention consists in the manufacture of splints well adapted to gun-shot or other compound fractures of the limbs. By the principle hereafter
10 described the wound in the limb may be left uncovered for the purpose of applying the requisite dressings without removing the splint. The principle consists in the splint being made up of transverse strips, retained in their place by longitudinal bars at the back thereof, and may be formed of any suitable shape, size, or material. Any one or more of these transverse strips are
15 removable, in order that the splint may be applied to the limb, at the same time leaving the wound exposed. For the sake of economy and portability,

Skipton's Improved Splint for Fractured Limbs.

as required in the army, the same splint may be made sufficiently long to fit a tall man, or by removing one or more of the transverse strips short enough for a boy.

SPECIFICATION in pursuance of the conditions of the Letters Patent, filed by the said Samuel Stacy Skipton in the Great Seal Patent Office on the 5 2nd February 1861.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, SAMUEL STACY SKIPTON, Doctor of Medicine, and Assistant Surgeon in Her Majesty's 78th Highland Regiment of Foot, send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her Letters 10 Patent, bearing date the Third day of August, in the year of our Lord One thousand eight hundred and sixty, in the twenty-fourth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto me, the said Samuel Stacy Skipton, Her special licence that I, the said Samuel Stacy Skipton, my executors, administrators, and assigns, or such others as I, the said 15 Samuel Stacy Skipton, 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 "**AN IMPROVED SPLINT 20 FOR GUN-SHOT AND OTHER COMPOUND FRACTURES OF THE LIMBS,**" upon the condition (amongst others) that I, the said Samuel Stacy Skipton, 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, 25 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 Samuel Stacy Skipton, do hereby declare the nature of my said Invention, and in what manner the same is to be 30 performed, to be particularly described and ascertained in and by the following statement, that is to say :—

This Invention consists in the manufacture of splints well adapted to gun-shot or other compound fractures of the limbs, by which principle the wound in the limb may be left uncovered for the purpose of applying the requisite 35 dressings without removing the splint.

Skipton's Improved Splint for Fractured Limbs.

In order to explain my said Invention as completely as possible, I now proceed to describe the best means I am acquainted with for carrying the same into practical effect, reference being had to the illustrative Sheet of Drawings hereto annexed, and to the numeral figures and letters of reference 5 marked thereon respectively, as follows:—

DESCRIPTION OF THE DRAWINGS.

Fig. 1 is a top plan view of a complete leg splint manufactured according to my Invention, Fig. 2 being a front view of one of the pieces of the splint detached, similar letters of reference denoting corresponding parts at each of 10 the Figures respectively.

At Fig. 1 is a plan view of a complete splint composed of transverse strips *a, a*, upon each of which are placed vertical plates *b, b*, shewn in a front view at Fig. 2; each of these vertical plates having a hole pierced therein for a longitudinal bar *c, c*, to pass through; each end piece *d* of the splint is supplied 15 with pillars *e, e*, and set screws *f, f*, or rivets to keep these pieces in their respective places at the required distance on the bars. Each transverse strip *a, a*, being numbered consecutively, no mistake can possibly occur by the strips being misplaced, and thereby disarranging the shape of the splint. By unscrewing either end piece *d, d*, at *f, f*, and withdrawing it from the bars *c, c*, 20 any one or more of the transverse pieces *a, a*, may be withdrawn and set aside, the end piece *d* and others being replaced at the required distance, thus providing an interruption at any spot in the course of the splint, and so giving facility for the application of the requisite dressings to a wound without disturbing the support of the splint on the limb. Arm and thigh splints may 25 be manufactured in like manner by placing two sets of bars, one above and the other below the elbow or knee joint. And when the splint is only required for a simple fracture of a bone, the bars *c, c*, may be passed through holes made in the plates *b, b*, close to the transverse strips, in which case the bandage may be applied over the entire splint.

30 Having now described the nature of my said Invention of "An Improved Splint for Gun-shot and other Compound Fractures of the Limbs," and the manner in which the same is to be performed, I would remark, in conclusion, that I do not confine or restrict myself to the precise details herein described, and shewn in the accompanying Sheet of Drawings, as many slight modifica- 35 tions and variations may be made therein without in any way departing from the principle of my Invention; but what I claim as my Invention intended to be secured to me by the herein in part recited Letters Patent is, the manufacture of splints interruptable for gun-shot or other compound fractures of the

Skipton's Improved Splint for Fractured Limbs.

limbs, whereby the wound may be left exposed for the application of the necessary dressings while the splint remains bound on the limb, consisting of transverse strips, which, placed side by side, form the shape of the required splint, and which transverse strips slide on one or more longitudinal bars at their back to retain them in their places, the terminal strips being fixed by 5 rivets or screws to each longitudinal bar, the material being metal, or wood and metal, or any suitable material adapted for the purpose, to be made in the manner shewn in the accompanying Drawings for the purposes herein described and set forth.

In witness whereof, I, the said Samuel Stacy Skipton, have hereunto set 10
my hand and seal, this Twenty-fourth day of January, in the year of
our Lord One thousand eight hundred and sixty-one.

SAMUEL STACY SKIPTON, M.D., (L.S.)

Assistant Surgeon, 78th Highlanders,
Edinburgh Castle.

15

Witness,

RICHARD PIERCE BUTLER,

Lieutenant 78th Highlanders,
Edinburgh Castle.

LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1861.

A.D. 1860, AUG. 3, N°1880.
SKIPTON'S SPECIFICATION.

83

(1 SHEET.)

FIG. 2.

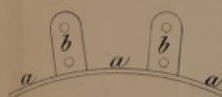


FIG. 1.



The filed drawing is not colored.

Drawn on Stone by Maity & Sons.

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