

Specification of Richard Knight : medical chests.

Contributors

Knight, Richard.

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A.D. 1856 N° 367.

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

OF

RICHARD KNIGHT.

MEDICAL CHESTS.

LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,

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Price 6d.

1856.





A.D. 1856 N° 367.

Medical Chests.

LETTERS PATENT to Richard Knight, of Foster Lane, in the City of London, for the Invention of "**IMPROVEMENTS IN MEDICAL CHESTS.**"

Sealed the 8th August 1856, and dated the 13th February 1856.

PROVISIONAL SPECIFICATION left by the said Richard Knight at the Office of the Commissioners of Patents, with his Petition, on the 13th February 1856.

I, **RICHARD KNIGHT**, of Foster Lane, in the City of London, do hereby
5 declare the nature of the Invention for "**IMPROVEMENTS IN MEDICAL CHESTS,**"
to be as follows :—

This Invention has for its object improvements in medical chests, particularly applicable for the army and navy, though they may also be used in other cases; for which purpose there are in each instance an external and an internal chest.

- 10 The external chest contains the internal chest when being carried from place to place, and the external chest forms the stand for the internal one when the same is open and is placed in position for use. The external case consists of a strong box of wood, strengthened with and having metal fittings; this case has a cover, hinged at the top, and the front folds down on hinges, so that its
15 interior surface thereof, when horizontal, becomes level with the bottom, on which, and on the inner surface of the front, are formed grooves or tracks, in which parallel fixed projections on the under side of the inner chest slide when the inner chest is taken out of or placed into the outer chest; and the upper

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surface of the lid or cover of the outer case is provided with similar grooves or tracks to receive the inner case when it is placed thereon in order to be opened for use.

The inner chest, when closed, fits closely the interior of the outer chest. The upper part of the inner chest is divided into two parts, and each of these parts 5 is fixed to its respective end of the inner chest, and each end is made in two parts; the lower one at each end is fixed, and the upper part is hinged to the fixed part, so that that portion of each end may, together with half of the top, fold back. To prevent the ends going too far back, each is provided with a projecting plate, which fits into a recess at the back of the chest. To each of 10 these fixed plates is attached a slotted connecting link, which admits of the parts opening so far, that the half-cover, when opened, stands vertical. The front of the inner chest is made into two doors, hinged respectively to the two fixed ends of the chest, and the upper part of each door folds down on hinges. The lower part of this chest is fitted with drawers, covered with a fixed counter. 15 The inner surfaces of the front doors of this chest are fitted to receive bottles and other articles, and such is the case with regard to the interior of the chest at the back; and when all is closed, the space over the counter is filled with a box suitable for containing stores.

SPECIFICATION in pursuance of the conditions of the Letters Patent, filed 20 by the said Richard Knight in the Great Seal Patent Office on the 13th August 1856.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, RICHARD KNIGHT, of Foster Lane, in the City of London, send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her Letters 25 Patent, bearing date the Thirteenth day of February, in the year of our Lord One thousand eight hundred and fifty-six, in the nineteenth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto me, the said Richard Knight, Her special licence that I, the said Richard Knight, my executors, administrators, and assigns, or such others as I, the said 30 Richard Knight, 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 "**IMPROVE- 35 MENTS IN MEDICAL CHESTS,**" upon the condition (amongst others) that I, the said

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Richard Knight, 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
5 Office within six calendar months next and immediately after the date of the said Letters Patent.

NOW KNOW YE, that I, the said Richard Knight, do hereby declare the nature of the said Invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement
10 thereof, that is to say:—

This Invention has for its object improvements in medical chests, particularly applicable for the army and navy, though they may also be used in other cases; for which purpose there are in each instance an external and an internal chest. The external chest contains the internal chest when being carried from place
15 to place, and the external chest forms the stand for the internal one when the same is open and is placed in position for use. The external case consists of a strong box of wood, strengthened with and having metal fittings; this case has a cover, hinged at the top, and the front folds down on hinges, so that its interior surface thereof when horizontal becomes level with the bottom, on which, and
20 on the inner surface of the front, are formed grooves or tracks, in which parallel fixed projections on the under side of the inner chest slide when the inner chest is taken out of or placed into the outer chest; and the upper surface of the lid or cover of the outer case is provided with similar grooves or tracks to receive the inner case when it is placed thereon in order to be opened for use.

25 The inner chest, when closed, fits closely the interior of the outer chest. The upper part of the inner chest is divided into two parts, and each of these parts is fixed to its respective end of the inner chest, and each end is made in two parts; the lower one at each end is fixed, and the upper part is hinged to the fixed part, so that that portion of each end may, together with half of the
30 top, fold back. To prevent the ends going too far back, each is provided with a projecting plate, which fits into a recess at the back of the chest. To each of these fixed plates is attached a slotted connecting link, which admits of the parts opening so far, that the half cover when opened stands vertical. The part of the inner chest is made into two doors, hinged respectively to the
35 two fixed ends of the chest, and the upper part of each door folds down on hinges. The lower part of this chest is fitted with drawers, covered with a fixed counter. The inner surfaces of the front doors of the chest are fitted to receive bottles and other articles, and such is the case with regard to the

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interior of the chest at the back; and when all is closed, the space over the counter is filled with a box suitable for containing stores.

Having thus stated the nature of my Invention, I will proceed more fully to describe the manner of performing the same.

DESCRIPTION OF THE DRAWING.

5

Figure 1 represents the inner chest open and fit for use, standing on the external case A, the front of which case A can be suffered to fall down, and will then serve as a standing board for the operator; B, B, represents the folding top of the inner case when open; and C, C, the folding front when open, the top flaps of which are represented as being folded backwards; D represents 10 the back of the inner chest, which is to have appropriate fittings; and within this back, properly concealed, are projecting plates *e, e*, which fit into recesses in the back D, and to each of these plates *e* is attached a slotted connecting link *f*, which admits of the parts of the folding top B, B, opening so far, that *e* : half when opened stands vertical; the slotted link acting as shown at 15 Figure 3, which slotted link and plate tends to the support of each half of the folding top B, B, and at the same time prevents them going too far back.

Figure 2 represents the inner chest closed and slid into the outer chest A.

In witness whereof, I, the said Richard Knight, have hereunto set my hand and seal, this Thirteenth day of August, in the year of our 20 Lord One thousand eight hundred and fifty-six.

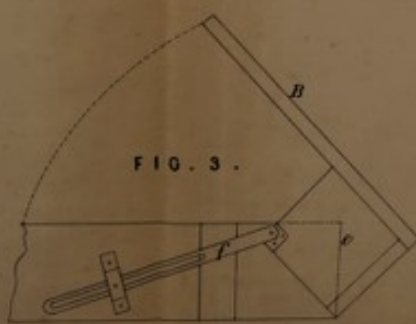
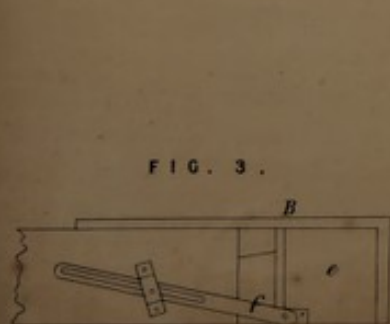
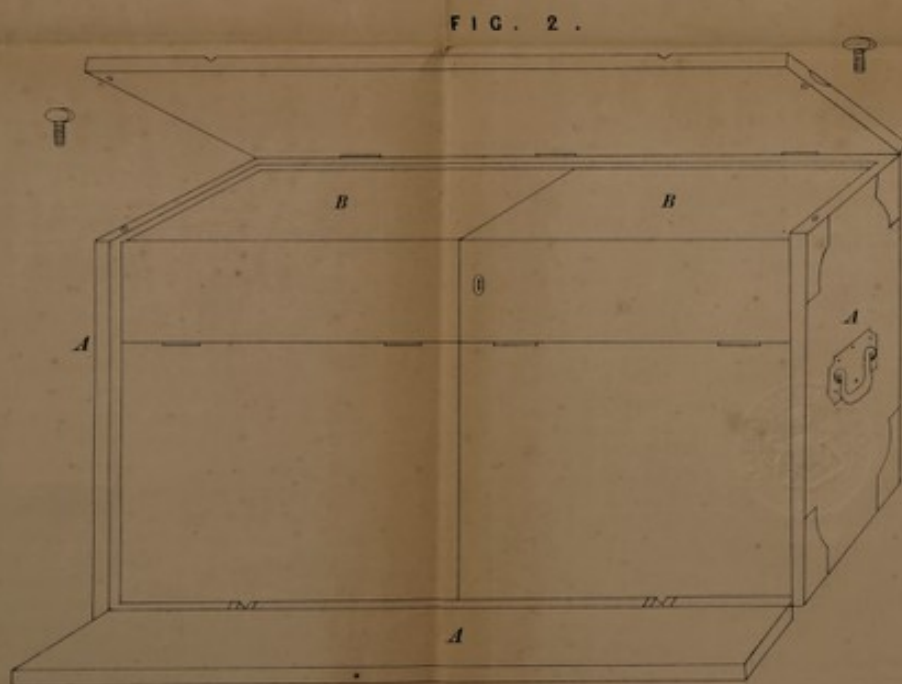
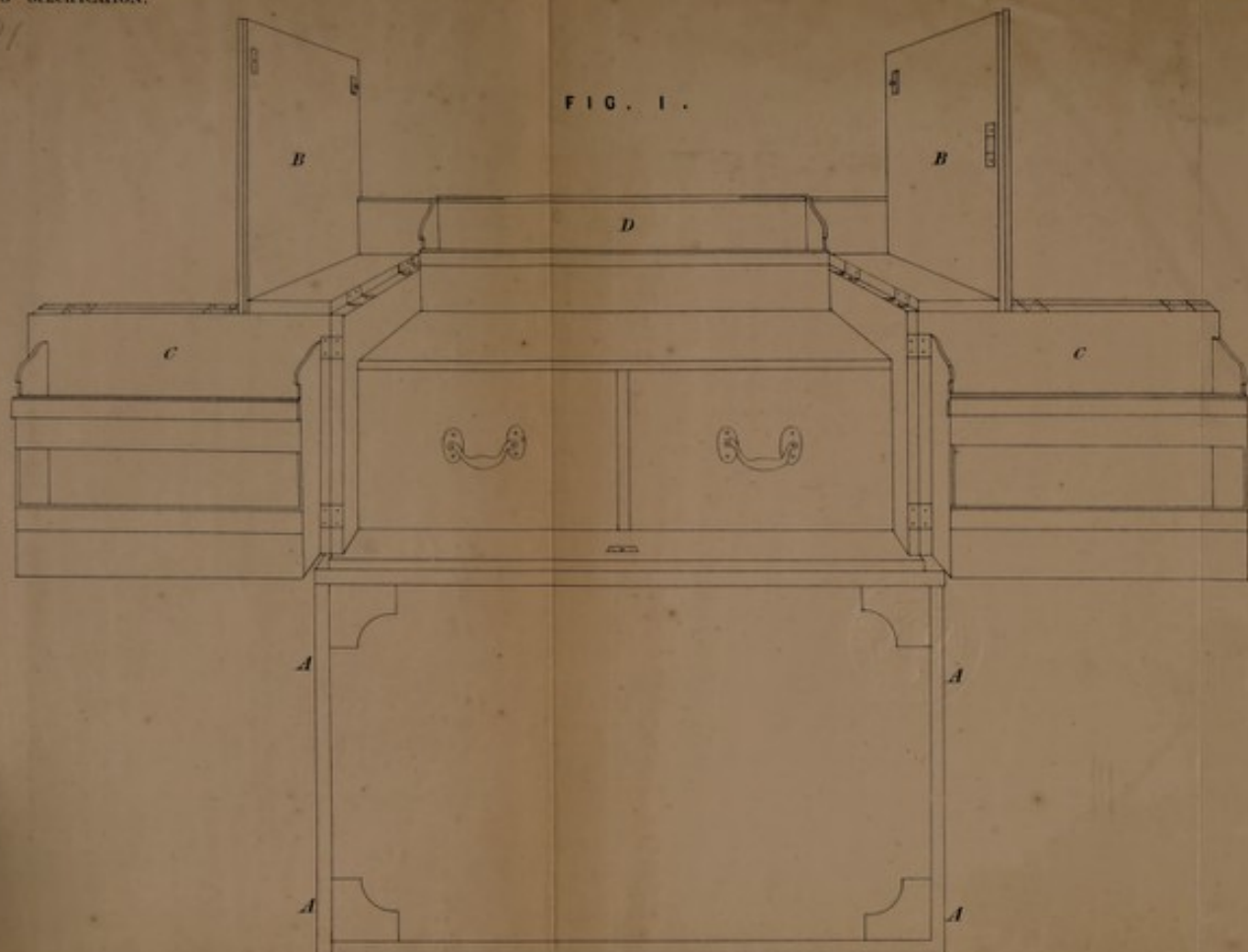
RICHARD KNIGHT. (L.S.)

Witness,

S. CARPMAEL.

LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1856.



The first drawing is partly colored.

Drawn in Scale by Mally & Son

