

Specification of Francis Graham Bennett : apparatus for facilitating the walking of invalids.

Contributors

Bennett, Francis Graham.

Publication/Creation

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A.D. 1865, *7th NOVEMBER.* N° 2873.

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

OF

FRANCIS GRAHAM BENNETT.

APPARATUS FOR FACILITATING THE
WALKING OF INVALIDS.

LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,

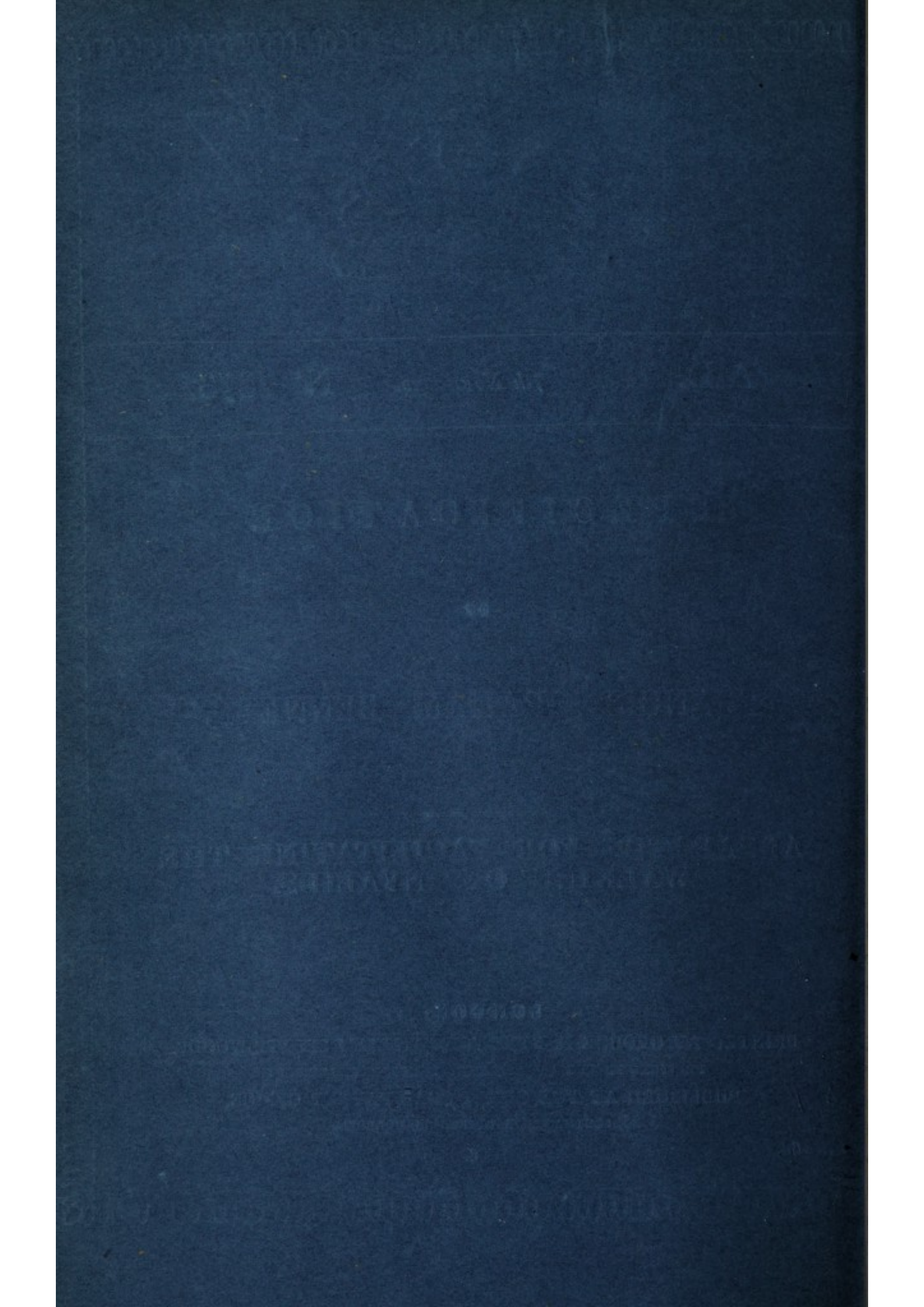
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY:

PUBLISHED AT THE GREAT SEAL PATENT OFFICE,

25, SOUTHAMPTON BUILDINGS, HOLBORN.

8d.

1866.





A.D. 1865, 7th NOVEMBER. N° 2873.

Apparatus for Facilitating the Walking of Invalids.

LETTERS PATENT to Francis Graham Bennett, of No. 28, Grand Parade, Brighton, M.R.C.S., for the Invention of "**IMPROVEMENTS IN APPARATUS FOR FACILITATING THE WALKING OF INVALIDS.**"

Sealed the 1st May 1866, and dated the 7th November 1865.

PROVISIONAL SPECIFICATION left by the said Francis Graham Bennett at the Office of the Commissioners of Patents, with his Petition, on the 7th November 1865.

I, FRANCIS GRAHAM BENNETT, of No. 28, Grand Parade, Brighton, M.R.C.S., do hereby declare the nature of the said Invention for "**IMPROVEMENTS IN APPARATUS FOR FACILITATING THE WALKING OF INVALIDS,**" to be as follows:—

This Invention has for its object improvements in apparatus for facilitating the walking of invalids. The apparatus is composed of a horse-shoe of wood, by preference, about 3 feet in length, and mounted when for out-door purposes on three wheels, one placed at each end of the horse-shoe of wood, and one carried from the curved central portion of the horse-shoe; from this horse-shoe are supported a pair of crutches; the crutches at their lower ends are received into cylindrical sockets of brass fixed to uprights of wood let into the horse-shoe, and are capable of being raised or lowered in these sockets,

Bennett's Improvements in Apparatus for Facilitating the Walking of Invalids.

and fixed by set screws; the crutches may thus be fixed at any required height. When the apparatus is for in-door purposes I support the horse-shoe on castors in place of on wheels.

SPECIFICATION in pursuance of the conditions of the Letters Patent, filed by the said Francis Graham Bennett in the Great Seal Patent Office on 5 the 7th May 1866.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, FRANCIS GRAHAM BENNETT, of No. 28, Grand Parade, Brighton, M.R.C.S., send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her Letters 10 Patent, bearing date the Seventh day of November, in the year of our Lord One thousand eight hundred and sixty-five, in the twenty-ninth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto me, the said Francis Graham Bennett, Her special licence that I, the said Francis Graham Bennett, my executors, administrators, and assigns, or such 15 others as I, the said Francis Graham Bennett, 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 Inven- 20 tion for "**IMPROVEMENTS IN APPARATUS FOR FACILITATING THE WALKING OF INVALIDS,**" upon the condition (amongst others) that I, the said Francis Graham Bennett, 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 25 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 Francis Graham Bennett, do hereby declare the nature of the said Invention, and in what manner the same is 30 to be performed, to be particularly described and ascertained in and by the following statement thereof, reference being had to the Drawings hereunto annexed, and to the letters and figures marked thereon (that is to say):—

This Invention has for its object improvements in apparatus for facilitating the walking of invalids. The apparatus is composed of a horse-shoe of wood, 35 by preference, about 3 feet in length, and mounted when for out-door purposes

Bennett's Improvements in Apparatus for Facilitating the Walking of Invalids.

on three wheels, one placed at each end of the horse-shoe of wood, and one carried from the curved central portion of the horse-shoe; from this horse-shoe are supported a pair of crutches; the crutches at their lower ends are received into cylindrical sockets of brass fixed to uprights of wood let into the horse-
5 shoe, and are capable of being raised or lowered in these sockets, and fixed by set screws; the crutches may thus be fixed at any required height. When the apparatus is for in-door purposes I support the horse-shoe on castors in place of on wheels.

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

DESCRIPTION OF THE DRAWINGS.

Figure 1 shows a side elevation of the apparatus, and Figure 2 shows a plan thereof.

a, a, is the horse-shoe frame to which the three wheels *b, b*, and *c* are
15 applied; *d, d*, are two crutches, the stems *d*¹ of which are arranged to slide in sockets carried by the standards *a*¹, so that they may be raised and lowered; they are also arranged to be fixed to the height desired by set screws, not shown in the Drawing. In the arrangement shown three wheels are used, which is what I prefer when the apparatus is for out-door use, but when for
20 in-door use I prefer to have castors in place of wheels, such as are shown in the Drawings.

Having thus described the nature of my Invention, and the manner of performing the same, I claim the combined arrangement of the frame *a, a*, with wheels or castors *b, b, c*, and the crutches *d, d*, as herein described.

25 In witness whereof, I, the said Francis Graham Bennett, have hereunto set my hand and seal, this Fifth day of May, in the year of our Lord One thousand eight hundred and sixty-six.

F. G. BENNETT. (L.S.)

LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1866.

... apparatus for facilitating the walking of invalids.
... wheels one placed at each end of the horse-shoe of wood, and one
... from the curved portion of the horse-shoe; from this horse-shoe
... supported a pair of crutches; the crutches at their lower ends are received
... cylindrical sockets of brass fixed to uprights of wood set into the horse-
... and are capable of being raised or lowered in these sockets, and fixed by
... screws; the crutches may thus be fixed at any required height. When
... apparatus is for in-door purposes I support the horse-shoe on castors in
... of on wheels.

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

DESCRIPTION OF THE DRAWINGS.

Figure 1 shows a side elevation of the apparatus and Figure 2 shows a
... of the horse-shoe frame to which the three wheels A, B, and C are
... the two crutches the stems d, e, of which are arranged to slide in
... by the standards f, g, whereby they may be raised and lowered;
... arranged to be fixed to the height desired by set screws, not
... in the drawing. In the arrangement shown three wheels are used,
... is what I prefer when the apparatus is for out-door use, but when for
... I prefer to have castors in place of wheels, such as are shown in
... drawing. (See also the second and third drawings.)
Having thus described the nature of my invention, and the manner of
performing the same, I claim the combined arrangement of the frame, a,
wheels or castors B, C, and the crutches d, e, as herein described.

In witness whereof, I the said Francis Graham Bennett, have hereunto
set my hand and seal, this Fifth day of May, in the year of our Lord
One thousand eight hundred and sixty-six.

F. G. BENNETT. (Sd.)

LONDON: Printed by GEORGE HOWARD EYRE and WILLIAM SPOTTISWOODE,
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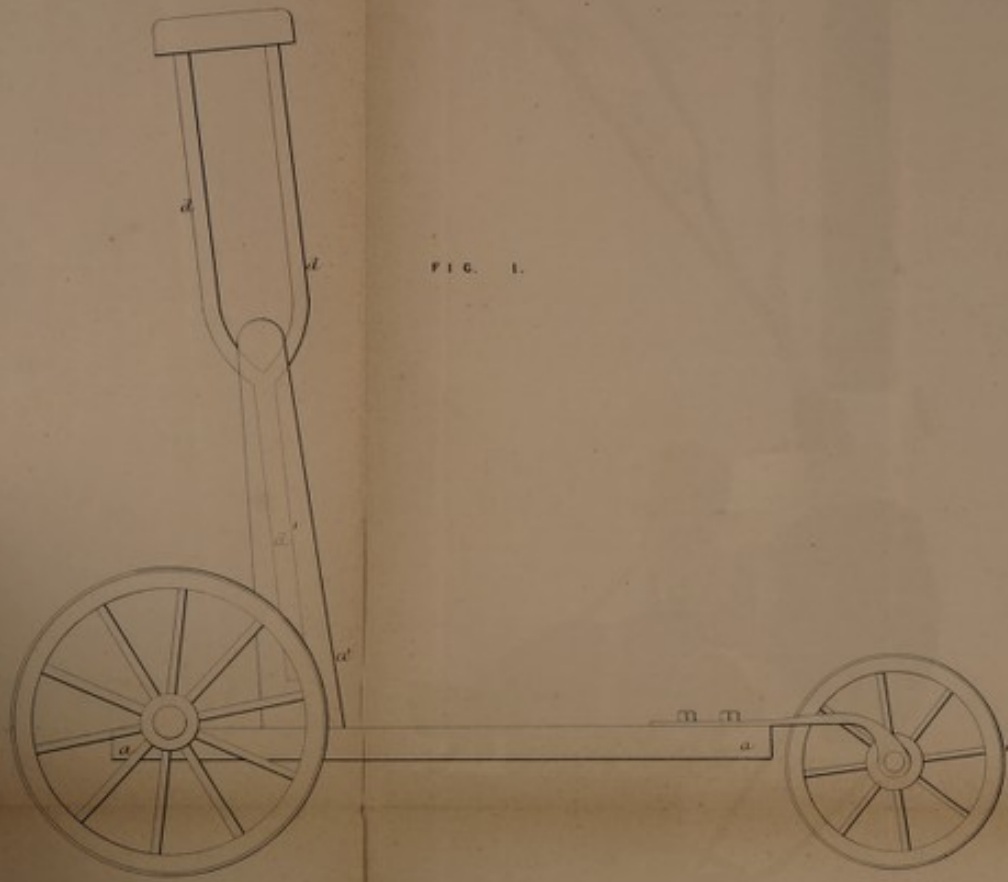


FIG. 1.

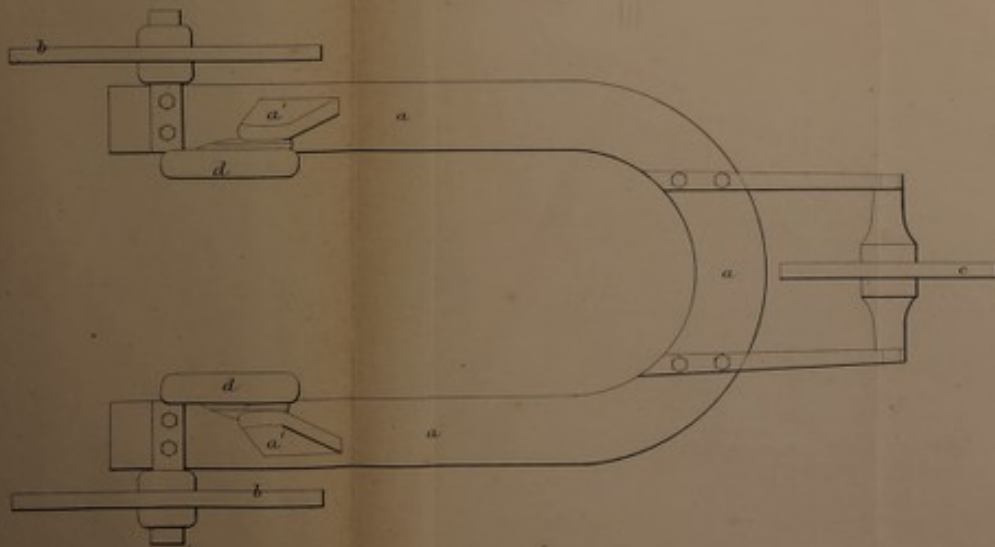


FIG. 2.

