

# **Specification of Henry Heather Bigg : apparatus for curing deformities of the human frame.**

## **Contributors**

Bigg, Henry Heather.

## **Publication/Creation**

London : Great Seal Patent Office, 1855 (London : George E. Eyre and William Spottiswoode)

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A.D. 1854 . . . . . N° 2062.

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

OF

HENRY HEATHER BIGG.

APPARATUS FOR CURING DEFORMITIES OF  
THE HUMAN FRAME.

L O N D O N :

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.

*Price 3d.*

1855.



# THE HISTORY OF THE

REPUBLIC OF THE UNITED STATES OF AMERICA

FROM THE FIRST SETTLEMENTS TO THE PRESENT

BY JAMES M. SMITH

NEW YORK: PUBLISHED BY J. B. LIPPINCOTT & CO.

1880

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## Apparatus for Curing Deformities of the Human Frame.

*(This Invention received Provisional Protection, but notice to proceed with the application for Letters Patent was not given within the time prescribed by the Act.)*

**PROVISIONAL SPECIFICATION** left by Henry Heather Bigg at the Office of the Commissioners of Patents, with his Petition, on the 25th September 1854.

I, HENRY HEATHER BIGG, of Leicester Square, in the County of Middlesex,  
5 Anatomical Instrument Maker, do hereby declare the nature of the said Invention for "**IMPROVED APPARATUS FOR CURING DEFORMITIES OF THE HUMAN FRAME**" to be as follows:—

My Invention of improved apparatus for curing deformities of the human frame relates more particularly to apparatus intended to correct deformities of  
10 the limbs, such as of the feet or hands, where parts of the limbs have been contracted, distorted, or drawn on one side out of their natural position. To effect this object the lower part of the limb (say, for example, the foot,) is secured in a shoe or frame, which is jointed to another frame that receives the leg, the joints or connections of the two parts being made in such a manner that the  
15 shoe may be turned in any direction, according to the peculiar nature of the deformity. To one side of the shoe that receives the foot are affixed a number of studs or pins, and on one side of the vertical frame, which envelopes and secures the leg, are a corresponding number of holes or studs; from these latter to the studs or pins on the shoe are extended a number of elastic bands

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*Bigg's Improved Apparatus for Curing Deformities of the Human Frame.*

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or straps, so arranged that the elastic force of the bands or straps shall have a tendency always to pull over the shoe or frame which receives the deformed part to the proper position. If the apparatus is intended to be applied to the arm or hand, its shape or form must of course be suitably modified; but it will be constructed upon precisely the same principle in all cases.

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LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,  
Printers to the Queen's most Excellent Majesty. 1855.