

## **Specification of Michael Jackson : shield for the gums.**

### **Contributors**

Jackson, Michael.

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A.D. 1862, 12th JUNE. N° 1754.

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SPECIFICATION

OF

MICHAEL JACKSON.

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SHIELD FOR THE GUMS.

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LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,

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Price 6d.

1862.

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A.D. 1862, 12th JUNE. N° 1754.

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**Shield for the Gums.**

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**LETTERS PATENT** to Michael Jackson, of Curtain Road, Shoreditch, in the County of Middlesex, Dentist, for the Invention of "**AN IMPROVED SHIELD FOR THE GUMS, TO PROTECT THEM FROM INJURY WHEN CLEANING THE TEETH.**"

Sealed the 25th November 1862, and dated the 12th June 1862.

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**PROVISIONAL SPECIFICATION** left by the said Michael Jackson at the Office of the Commissioners of Patents, with his Petition, on the 12th June 1862.

I, MICHAEL JACKSON, of Curtain Road, Shoreditch, in the County of Middlesex, Dentist, do hereby declare the nature of the said Invention for "**AN IMPROVED SHIELD FOR THE GUMS, TO PROTECT THEM FROM INJURY WHEN CLEANING THE TEETH,**" to be as follows:—

My Invention of an improved shield for the gums, to protect them from injury when cleaning the teeth, consists in the use of a thin metallic plate, which is made to fit over the gums close up to the necks of the teeth, leaving the whole of the enamelled surface of the teeth exposed. A separate plate is fitted to the upper and lower jaws, and these plates are secured temporarily in



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*Jackson's Improved Shield for the Gums.*

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their place while in use by means of spring attachments or other convenient means which will allow the mouth to be opened. The gums being thus protected, the wearer may without the risk of injuring them brush his teeth well, and perfectly cleanse them down to the necks. I would observe that as the gum shields are only used when the teeth are being cleaned, it is not absolutely necessary for the shields to be made of gold, as other metals, such as silver, will answer the purpose equally well. Of course copper and its alloys would be inapplicable, as it would leave an unpleasant taste in the mouth, but other metals or alloys which are sufficiently ductile, and do not possess the inconvenience above mentioned, may be employed if desired. 10

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**SPECIFICATION** in pursuance of the conditions of the Letters Patent, filed by the said Michael Jackson in the Great Seal Patent Office on the 12th December 1862.

**TO ALL TO WHOM THESE PRESENTS SHALL COME, I, MICHAEL JACKSON, of 59, Curtain Road, Shoreditch, in the County of Middlesex, Dentist, send greeting.** 15

**WHEREAS** Her most Excellent Majesty Queen Victoria, by Her Letters Patent, bearing date the Twelfth day of June, in the year of our Lord One thousand eight hundred and sixty-two, in the twenty-fifth year of Her reign, did, for Herself, Her heirs and successors, give and grant unto me, the said Michael Jackson, Her special license that I, the said Michael Jackson, my executors, administrators, and assigns, or such others as I, the said Michael Jackson, 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 SHIELD FOR THE GUMS, TO PROTECT THEM FROM INJURY WHEN CLEANING THE TEETH," upon the condition (amongst others) that I, the said Michael Jackson, by an instrument in writing under my hand and seal, 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. 30 35



*Jackson's Improved Shield for the Gums.*

NOW KNOW YE, that I, the said Michael Jackson, 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, reference being had to the Drawing hereunto annexed, and to the 5 letters and figures marked thereon (that is to say):—

My Invention of "An Improved Shield for the Gums, to Protect them from Injury when Cleaning the Teeth," consists in the use of a thin metallic plate which is made to fit over the gums close up to the necks of the teeth, leaving the whole of the enamelled surface of the teeth exposed. A separate plate is 10 fitted to the upper and lower jaws, and these plates are secured temporarily in their place when in use by means of spring attachments, or by strings or other convenient means which will allow the mouth to be opened. The gums being thus protected, the wearer may without the risk of injuring them, brush his teeth well, and perfectly cleanse them down to the necks. I would observe 15 that as the gum shields are only used when the teeth are being cleaned it is not absolutely necessary for the shields to be made of gold, as other metals, such as silver, will answer the purpose equally well. Of course copper and its alloys would be inapplicable, as it would leave an unpleasant taste in the mouth, but other metals or alloys which are sufficiently ductile, and 20 do not possess the inconvenience above mentioned, may be employed if desired.

In the accompanying Drawing, I have shewn different views of my improved gum shields, and the mode of applying the same to the teeth. Fig. 1 is a front view, and Fig. 2 a plan view of one of the metallic shields, 25 detached from the teeth; Fig. 3 represents one of the shields applied to the upper jaw; and Fig. 4 represents the pair of shields adapted to the two jaws. They may if desired be connected together at the inner ends by a spring fastening, but this is not necessary, and may sometimes even be found inconvenient. The metallic gum shields may be secured in the 30 mouth while cleaning the teeth by means of a cord or string of silk, secured by one end to one side of the metallic shield, the other end of the cord being made to pass across the mouth to the opposite end of the shield, which may be held down firmly thereby; various other plans of securing the shields may be adopted; I do not therefore intend to limit myself to any par- 35 ticular plan.

Having now described my Invention of "An Improved Shield for the Gums, to Protect them from Injury when Cleaning the Teeth," and having explained the manner of carrying the same into effect, I claim as the



*Jackson's Improved Shield for the Gums.*

Invention secured to me by Letters Patent as aforesaid, the use of metallic shields, to be adapted to the gums as above set forth, in order to preserve them from injury and abrasion while the teeth are being cleaned.

In witness whereof, I, the said Michael Jackson, have hereunto set my hand and seal, the Eleventh day of December, in the year of our Lord One thousand eight hundred and sixty-two.

MICHAEL JACKSON. (L.S.)

Witness,

J. W. MOFFATT,

66, Chancery Lane.

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LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,  
Printers to the Queen's most Excellent Majesty. 1862.

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FIG. 1.

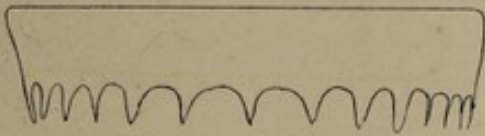


FIG. 2.

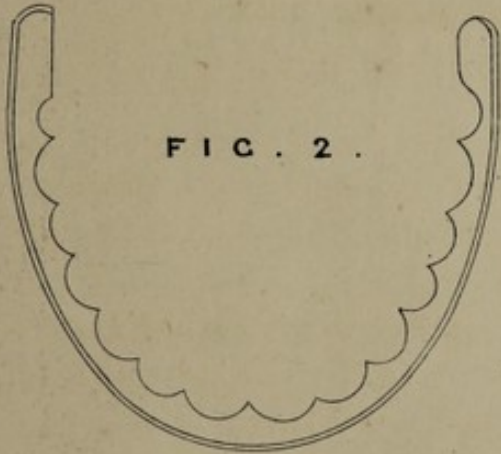


FIG. 4.

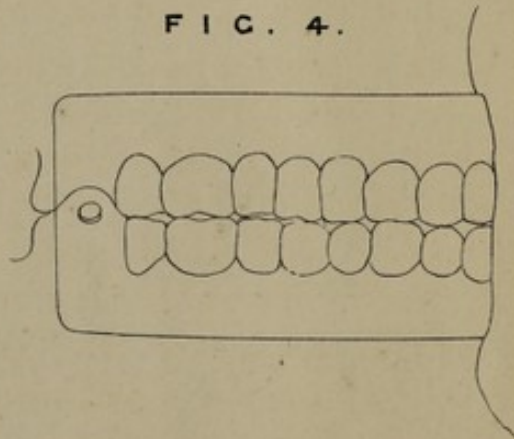
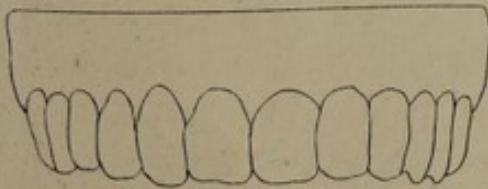


FIG. 3.



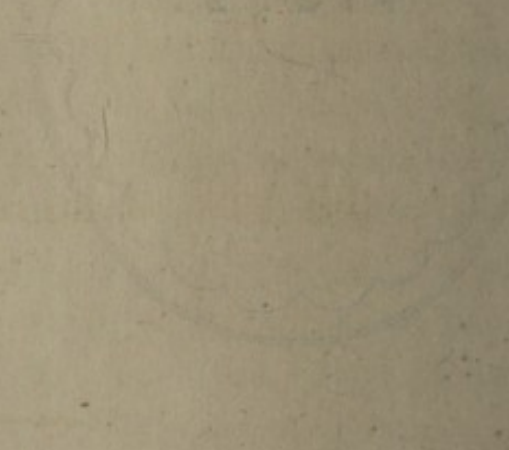
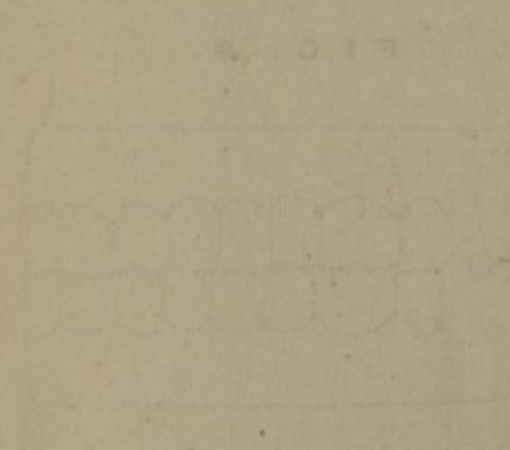
*The filed drawing is colored*

Drawn on Stone by Malby & Sons



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