

Specification of Alfred Austin Usher : respirators.

Contributors

Usher, Alfred Austin.

Publication/Creation

London : Great Seal Patent Office, 1868 (London : George E. Eyre and William Spottiswoode)

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A.D. 1868, 3rd MARCH. N^o 713.

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

OF

ALFRED AUSTIN USHER.

RESPIRATORS.

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.

Price 4d.

1868.

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A.D. 1868, 3rd MARCH. N° 713.

Respirators.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by Alfred Austin Usher at the Office of the Commissioners of Patents, with his Petition, on the 3rd March 1868.

I, ALFRED AUSTIN USHER, of Compton Road, Canonbury, in the
5 County of Middlesex, do hereby declare the nature of the said Invention for "IMPROVEMENTS IN RESPIRATORS," to be as follows:—

The Invention has for its object improvements in respirators. Heretofore respirators have been constructed for the purpose of being applied to the outside of the lips by which a very unsightly appearance is
10 given to the wearer.

Now according to my Invention I so construct respirators that they may be used inside the mouth between the lips and the teeth and gums, whereby no unsightly appearance is given to the wearer. I construct the respirators of two perforated or reticulate plates, or of two
15 sheets of gauze of a form similar or somewhat similar to the form of the mouth. Between these plates or sheets I place flannel or other textile fabric, or wool, cotton, or other suitable fibre prepared with a solution of Condyl's disinfecting fluid or other suitable disinfectant. The two plates or sheets I by preference connect together by a hinge

Usher's Improvements in Respirators.

joint so as to enable them readily to be opened out for the purpose of cleaning and renewal of the fabric or fibre placed between them. In some cases I first take a mould from the outside of the teeth and then prepare suitable dies therefrom in a somewhat similar manner to that now employed by dentists, by which means I am enabled to make 5 the inner plate of a form exactly to fit the mouth of the wearer. I would have it understood that although I prefer to form the respirator of two plates or sheets with fabric or fibre between them as described, I do not confine myself thereto.

LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1868.