

Specification of Jules Denoual : envelopes for medicinal preparations.

Contributors

Denoual, Jules.

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A.D. 1855 N° 824.

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

OF

JULES DENOVAL.

ENVELOPES FOR MEDICINAL PREPARATIONS.

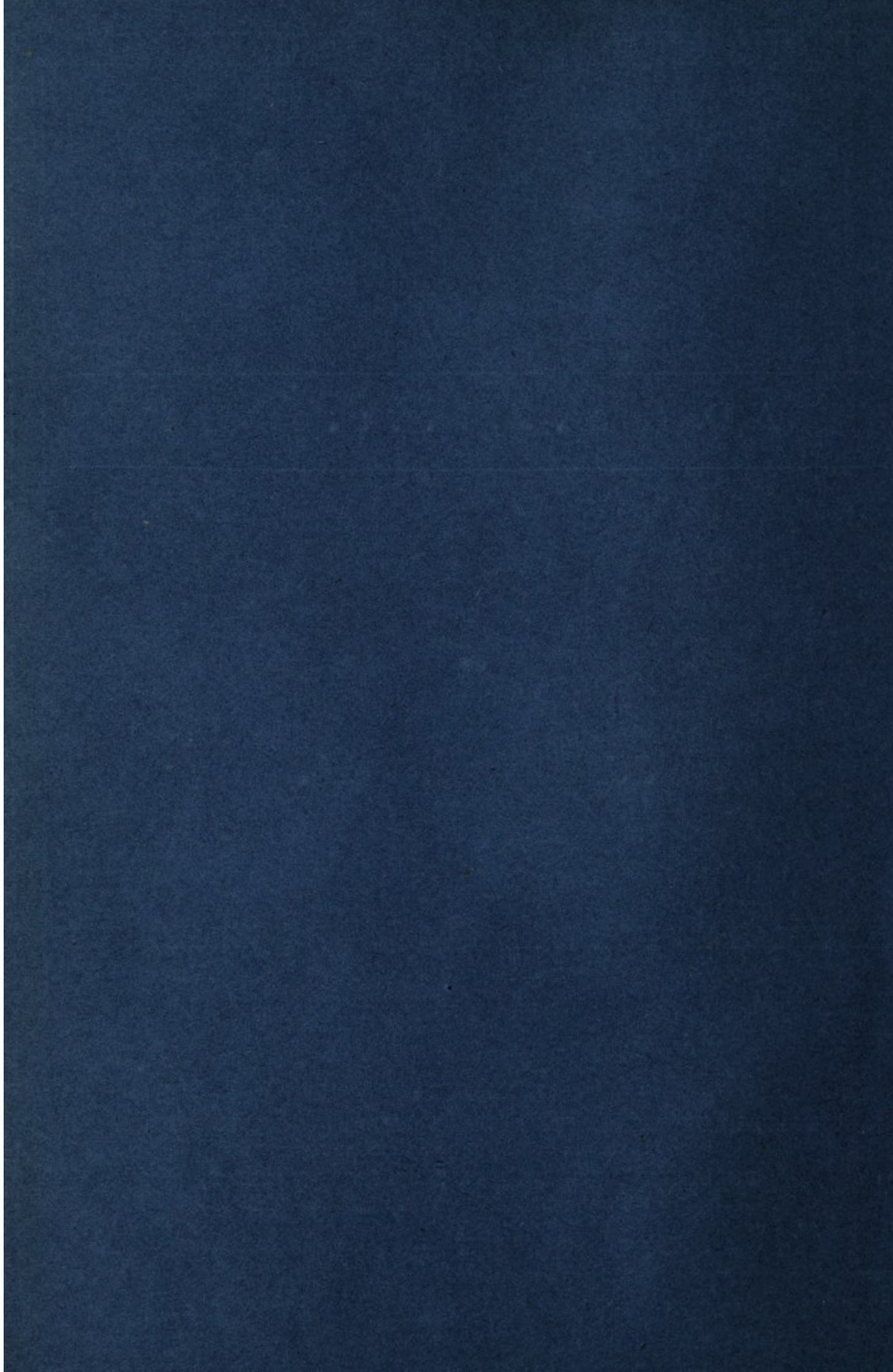
LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY :

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1855.





A.D. 1855 N° 824.

Envelopes for Medicinal Preparations.

LETTERS PATENT to Jules Denoual, of Samares Lodge, St. Clements, Jersey, for the Invention of "CERTAIN IMPROVED MEANS OF ENVELOPING MEDICINAL PREPARATIONS WITH SOLUBLE SUBSTANCES."

Sealed the 6th July 1855, and dated the 14th April 1855.

(Void by reason of the Patentee having neglected to file a Specification in pursuance of the conditions of the Letters Patent.)

PROVISIONAL SPECIFICATION left by the said Jules Denoual at the Office of the Commissioners of Patents, with his Petition, on the 14th April 1855.

I, JULES DENOUAL, of Samares Lodge, St. Clements, Jersey, do hereby
5 declare the nature of the said Invention for "CERTAIN IMPROVED MEANS OF ENVELOPING MEDICINAL PREPARATIONS WITH SOLUBLE SUBSTANCES" to be as follows:—

The medicinal preparations which I propose to envelope with soluble substances are in the form and shape of pills, and the soluble substances are
10 composed of gelatine, loaf sugar, gum arabic, and water, or other suitable combinations. The improved means by which I effect this covering or coating to pills consist of a machine, of which Fig. A on the accompanying Drawing is a representation. (a) is a plate of metal or other suitable material, provided with a handle (b), by which it may be suspended when required; (c), (c), (c),

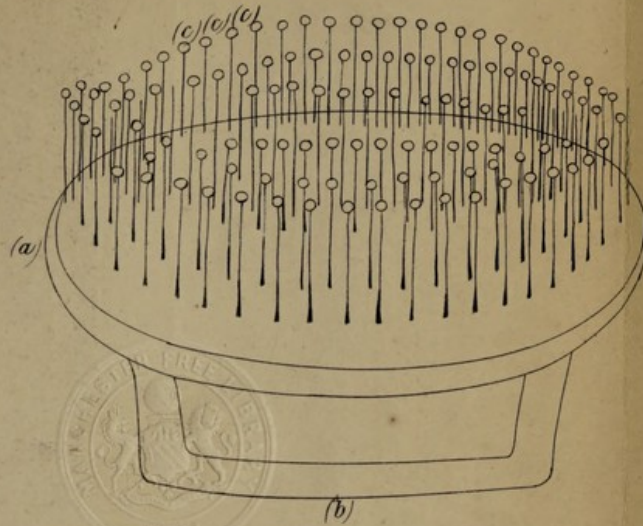
Denoual's Improved Envelopes for Medicinal Preparations.

are finely pointed needles projecting from the plate (a). My mode of operation with this machine is as follows:—Having prepared the soluble substance in a suitable vessel, heated so as to produce fluidity, I place on each of the needle points a pill to be covered, and then cause the whole to be sufficiently immersed in the soluble substance, so that when withdrawn a thin 5 coating of it shall have adhered to each pill; when such coating is dry, the pills are removed from the needle points, and the neck left to each pill by the clinging of the soluble compound to the needle at the point of junction with it is removed. By this means I disguise the taste and flavour of the drug or drugs of which the pills are composed, so that when swallowed 10 the soluble covering alone is perceptible to the organs of taste, and which soluble covering quickly gives way to the action of the stomach, permitting the medicinal preparation to perform its function. The coating of the pills in this manner likewise prevents the escape of any volatile matter of which they may be composed, and greatly tends to their preservation. My Invention 15 then consists in the novelty of coating or enveloping pills with soluble substances, and of the mechanical means I have herein described for that purpose.

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FIG. A.



The drawing left with Provisional Specification is colored.

Drawn on Stone by Malby & Sons.



PROVISIONAL ALLOCATION for the said John T. ...
Office of the Registrar of the said University of Cambridge

April 1888.

The Registrar of the said University of Cambridge ...
has the honor to inform you that the ...
of the said University of Cambridge ...

The ...
of the said University of Cambridge ...
of the said University of Cambridge ...
of the said University of Cambridge ...
of the said University of Cambridge ...