

Improvements in the preparation of materials to be used as disinfectants, deodorisers, and antiseptics, as well as for the destruction of parasites infesting man and the lower animals and similar uses / [Richard Vine Tuson].

Contributors

Tuson, Richard Vine.
Gardner, H.

Publication/Creation

London : Printed for Her Majesty's Stationery Office by Darling and Son, Ltd, 1888.

Persistent URL

<https://wellcomecollection.org/works/zenn3vfm>

License and attribution

This work has been identified as being free of known restrictions under copyright law, including all related and neighbouring rights and is being made available under the Creative Commons, Public Domain Mark.

You can copy, modify, distribute and perform the work, even for commercial purposes, without asking permission.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

COMPLETE SPECIFICATION.

Improvements in the Preparation of Materials to be Used as Disinfectants, Deodorisers, and Antiseptics, as well as for the Destruction of Parasites Infesting Man and the Lower Animals and similar Uses.

I RICHARD VINE TUSON of New Charlton, Kent, Professor of Chemistry, Royal Veterinary College, Camden Town, London 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:—

According to a previous invention for which Letters Patent were granted to me 5 (A.D. 1879, 19th March No. 1081) I prepared disinfectants by saturating or partly saturating with sulphurous acid a solution or solutions of well known salts of zinc, iron, manganese, aluminum, or copper or a mixture of these.

My present invention consists in saturating or partly saturating with sulphurous acid a solution of corrosive sublimate or other salt of mercury in water, alcohol or 10 other convenient solvent. I prefer to use corrosive sublimate, but the nitrates and many other salts of mercury will give similar results. The solution of corrosive sublimate or other salt of mercury saturated or partly saturated with sulphurous acid may be used singly or may be mixed with any chloride, sulphate, nitrate or acetate of zinc, iron, manganese aluminum or copper or a mixture of these. 15

I have obtained a good result by saturating or partly saturating with sulphurous acid, a mixture of chloride of zinc and corrosive sublimate.

The proportions I prefer to use are 3 lbs. of chloride of zinc and 2 ounces of corrosive sublimate dissolved in half a gallon of water and then to make up this solution to one gallon by adding a saturated watery solution of sulphurous acid. 20

Other proportions may be employed, but these have been found to work well in practice.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed I declare that what I 25 claim is:—

The preparation of ingredients and their employment as disinfectants, deodorisers, and antiseptics; as well as for the destruction of parasites infesting man and the lower animals, and similar uses, as hereinbefore described.

The 9th day of June 1888.

H. GARDNER, 30
166, Fleet Street, London,
Agent for the said Professor R. V. Tuson.

LONDON: Printed for Her Majesty's Stationery Office,
By DARLING AND SON, LTD.

1888.



Date of Application, 9th Sept., 1887
Complete Left, 9th June, 1888
Complete Accepted, - 13th July, 1888

A.D. 1887, 9th SEPTEMBER. N° 12,222.

PROVISIONAL SPECIFICATION.

Improvements in the Preparation of Materials to be Used as Disinfectants, Deodorisers, and Antiseptics, as well as for the Destruction of Parasites Infesting Man and the Lower Animals and similar Uses.

I RICHARD VINE TUSON of New Charlton, Kent, Professor of Chemistry, Royal Veterinary College, Camden Town, London, do hereby declare the nature of my said invention to be as follows :—

According to a previous invention for which Letters Patent were granted to me
5 (A.D. 1879—19th March No. 1081) I prepared disinfectants by saturating or partly saturating with sulphurous acid a solution or solutions of well known salts of zinc, iron, manganese, aluminum or copper, or a mixture of these.

My present invention consists in saturating or partly saturating with sulphurous acid a solution of corrosive sublimate or other salt of mercury in water, alcohol, or
10 other convenient solvent.

I prefer to use corrosive sublimate, but the nitrates and many other salts of mercury will give similar results.

The solution of corrosive sublimate or other salt of mercury saturated or partly saturated with sulphurous acid may be used singly or may be mixed with any chloride,
15 sulphate, nitrate or acetate of zinc, iron, manganese, aluminum, or copper, or a mixture of these.

I have obtained a good result by saturating or partly saturating with sulphurous acid a mixture of chloride of zinc and corrosive sublimate.

Dated this 9th day of September 1887.

20

H. GARDNER,
166, Fleet Street, London,
Agent for the said Professor R. V. Tuson.