

# The Journal of Laryngology and Otology

EDITED BY  
WALTER HOWARTH

WITH THE ASSISTANCE OF  
W. M. MOLLISON

## Contents

|  |                    |
|--|--------------------|
| OTOGENOUS NON-PURULENT ENCEPHALITIS . . . . .                                  | ERIK JERLANG       |
| OBSERVATIONS ON THE VARIATION IN HEARING IN OTOSCLEROSIS . . . . .             | STEPHEN SUGGIT     |
| CLINICAL RECORD—   |                    |
| MESIAL DERMOID CYSTS OF THE NOSE OCCURRING IN TWIN BOYS . . . . .              | F. WEBSTER FURNISS |
| TECHNICAL NOTE—  |                    |
| TRANSPARENT CASTS OF THE LABYRINTH—AN IMPROVED METHOD OF PREPARATION . . . . . | E. W. PEET         |
| SOCIETIES' PROCEEDINGS—  |                    |
| ROYAL SOCIETY OF MEDICINE—SECTION OF LARYNGOLOGY AND SECTION OF MEDICINE       |                    |
| ROYAL SOCIETY OF MEDICINE—SECTION OF OTOLOGY                                   |                    |
| ABSTRACTS—   |                    |
| THE EAR . . . . .  | MISCELLANEOUS      |
| THE NOSE . . . . .   |                    |
| REVIEW OF BOOKS . . . . .  | GENERAL NOTES      |

London

Headley Brothers

109 Kingsway, W.C.2

Monthly, 4/- net post free

Annual Subscriptions 40/- net



# *Furuncles* *of the Ear*

IN cases of furuncles about the meatus of the ear, the pain and inflammation are much relieved by the heat and medication of

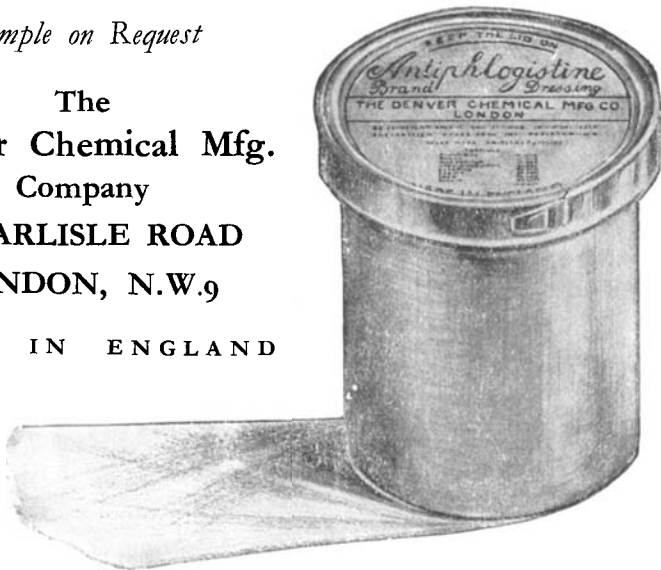
*Antiphlogistine*  
BRAND TRADE MARK DRESSING

It is an aid, also, in preventing spread of the infection.

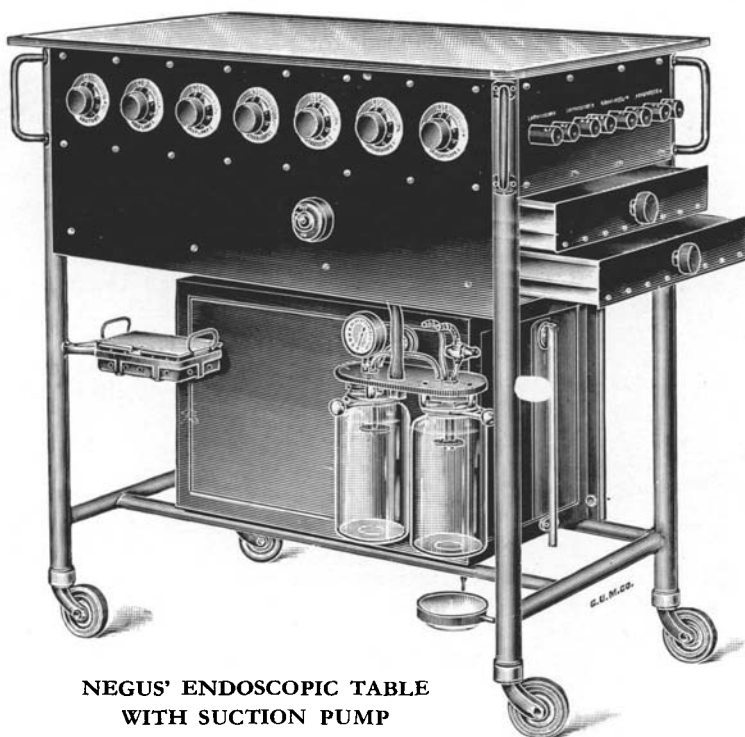
*Sample on Request*

The  
Denver Chemical Mfg.  
Company  
12 CARLISLE ROAD  
LONDON, N.W.9

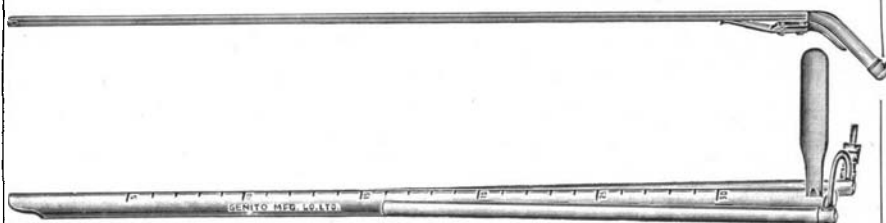
MADE IN ENGLAND



Please mention *The Journal of Laryngology* when replying to advertisements



**NEGUS' ENDOSCOPIC TABLE  
WITH SUCTION PUMP**



Esophagoscope with detachable Suction Tube and Proximal  
Lighting as designed for V. E. NEGUS, M.S., F.R.C.S.  
Obtainable in 4 sizes

MADE BY

**THE GENITO-URINARY MFG. CO. LTD.**

28a DEVONSHIRE STREET, LONDON, W.1

Telephone:  
WELBECK 2835 (3 lines)

Telegrams:  
CYSTOSCOPE, WESDO, LONDON

Please mention *The Journal of Laryngology* when replying to advertisements



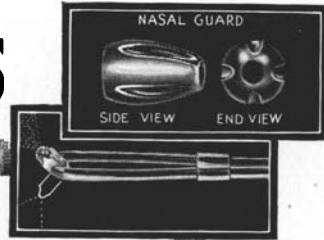
# PRESCRIBE DeVilbiss

## No. 15 ATOMIZER

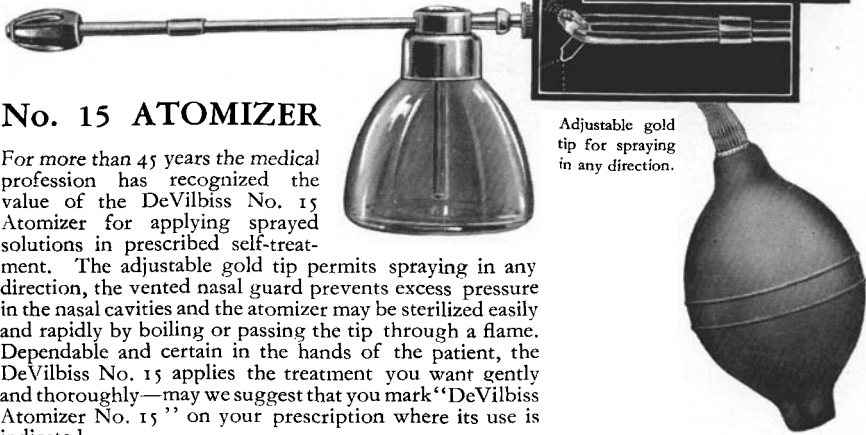
For more than 45 years the medical profession has recognized the value of the DeVilbiss No. 15 Atomizer for applying sprayed solutions in prescribed self-treatment. The adjustable gold tip permits spraying in any direction, the vented nasal guard prevents excess pressure in the nasal cavities and the atomizer may be sterilized easily and rapidly by boiling or passing the tip through a flame. Dependable and certain in the hands of the patient, the DeVilbiss No. 15 applies the treatment you want gently and thoroughly—may we suggest that you mark “DeVilbiss Atomizer No. 15” on your prescription where its use is indicated.

**AEROGRAPH Co. Ltd., 43 Holborn Viaduct, London, E.C.1.** Sole distributors of DEVILBISS products in the United Kingdom. Telephone: Holborn 1257 and 1258

Ventilating Grooves prevent excess pressure in Nasal Cavities.



Adjustable gold tip for spraying in any direction.



CVS-86

Patent applied for

**THE NEW**

## **OTO-MICROSCOPE**

*A Big Step Forward!*

Specially suited for both Practising Surgeons and Research Workers

*Printed description free*

**HAAG-STREIT, Bern,**  
**Seilerstrasse 9, Switzerland**

For Advertisement space in this Journal apply to :

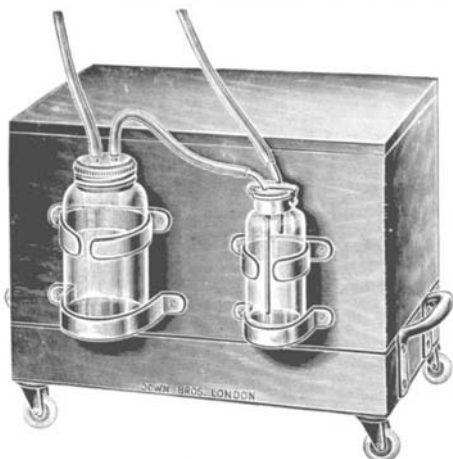
**HEADLEY BROTHERS, 109 Kingsway, London, W.C.2**

Please mention *The Journal of Laryngology* when replying to advertisements

# GUY'S SILENT SUCTION APPARATUS

as made for

W.M. MAYHEW MOLLISON, C.B.E., F.R.C.S.

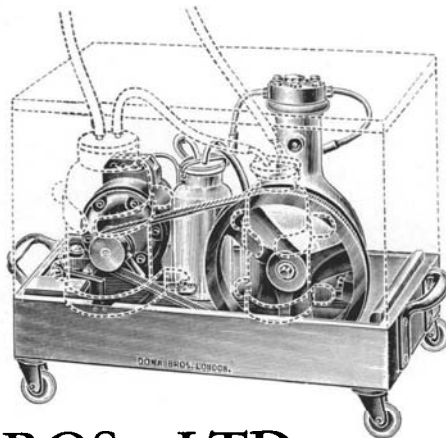


“An efficient *silent* suction apparatus is essential in many throat investigations and operations and indeed is used for many operations on other parts of the body.

“The above illustration shows an Electric Suction Apparatus which can rightly claim to be more efficient than the apparatus generally in use. The suction is continuous and so powerful that clots of blood and the most tenacious mucus are quickly removed. The apparatus is quiet and can easily be moved about the operation theatre and from one theatre to another. It is possible to use it for intra-tracheal

insufflation at the same time as suction since the pump delivers sixty litres of air per minute. The valves in the cylinder head are strong and specially designed for silence in operation and the sump of the machine carries enough oil for six months' continuous use; this ensures efficiency with the minimum of attention. The entire unit is mounted in a robust mahogany case which is fitted with four rubber-tyred castors. On the side of the case two large screw necked bottles are mounted. These bottles are the commercial 'Kilner' type and can therefore be replaced with the minimum of expense. Blood and other fluids are removed from the operating field by the suction plant and find their way into the big bottle. The second bottle is a safety trap in the unlikely event of the first bottle becoming full at a moment when it is inconvenient to change it.

“There are no resistances to regulate the speed and in order to use the apparatus it is only necessary to connect it to the main electrical supply.” The makers are Down Bros., Ltd., London.



## DOWN BROS., LTD.

21 & 23 ST. THOMAS'S STREET, LONDON, S.E.1

(Opposite Guy's Hospital)

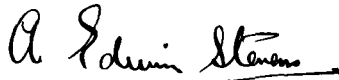
and at 22a CAVENDISH SQUARE, LONDON, W.

Telephone : MAYFAIR 0406

Please mention *The Journal of Laryngology* when replying to advertisements

# DO DEAF AIDS IMPROVE THE HEARING?

Recent reports of Research Work carried out under the auspices of the Medical Research Council indicate that the prolonged use of a suitable deaf aid does not in any way injure the hearing, but that in many cases considerable improvement occurs. There are deaf aid manufacturers who claim that the use of their instrument decreases the physiological degree of deafness. I make no such claim, not believing it proven, but my experience agrees with the medical reports in that there is a distinct improvement in mental appreciation, and that in many cases users of high quality hearing aids hear better even without the instrument as time goes on. In practice mental appreciation is far more important than physiological degree of deafness which is compensated for by turning the volume control knob. The improvement of mental appreciation and the preservation of hearing are controlled by the use of the highest quality hearing aid available. The obvious choice is the AMPLIVOX, the first and most widely used High Fidelity hearing Aid. I should be glad to send you full particulars of the AMPLIVOX hearing aids.



Governing Director.

## AMPLIVOX LTD.

106 George Street, Portman Square, London, W.1.

Telephone: Welbeck 2591/2

29 St. Vincent Place, Glasgow, C.1.

Telephone: Central 3097

62a Bold Street, Liverpool, 1.

Telephone: Royal 4944.

The AMPLIVOX is obtainable in the United Kingdom only from the manufacturers—AMPLIVOX LTD.—and from Messrs. T. Hawksley, W. H. Pettifor, and Aids for the Deaf. There are appointed representatives in Australia, New Zealand, Canada, South Africa, India, Eire, France, Belgium, Holland, Norway, Sweden, Denmark and Roumania.

Please mention *The Journal of Laryngology* when replying to advertisements

# The Journal of Laryngology and Otology

(Founded in 1887 by MORELL MACKENZIE and NORRIS WOLFENDEN)

EDITED BY

WALTER HOWARTH

ASSISTED BY

W. M. MOLLISON

1. Original Articles are accepted on the condition that they have not been published elsewhere.
2. Manuscripts should be typewritten, on one side only of the paper, and well spaced.
3. Galley proofs and engraver's proofs of illustrations are sent to the author. Corrections, which should be kept to a minimum, must be clearly marked and no additional matter added.
4. Orders for reprints should be sent when returning galley proofs, and for this purpose special forms are supplied, on which the price of the reprints is stated.
5. Authors of Original Communications on Oto-Laryngology in other Journals are invited to send a copy, or two reprints, to the *Journal of Laryngology*. If they are willing, at the same time, to submit their own abstract (in English, French, Italian, or German) it will be welcomed.
6. Editorial Communications may be addressed to THE EDITOR, *Journal of Laryngology*, c/o HEADLEY BROTHERS, 109 Kingsway, London, W.C.2.
7. The Annual Subscription commencing with the January issue is Two Pounds sterling, post free, and is payable in advance.
8. Single copies, both of the present and the previous series, are on sale at Four Shillings each.
9. All Subscriptions, advertising and business communications should be sent to the Publishers, HEADLEY BROTHERS, 109 Kingsway, London, W.C.2.

*United States of America*

Orders for this Journal may be sent either through a local bookseller, or to Messrs. G. E. STECHERT & Co., 31-33 East 10th Street, New York, or may be sent direct to the Publishers, HEADLEY BROTHERS, 109 Kingsway, London, W.C.2, England.

Please mention *The Journal of Laryngology* when replying to advertisements



## THE INTRA-NASAL IONIZER

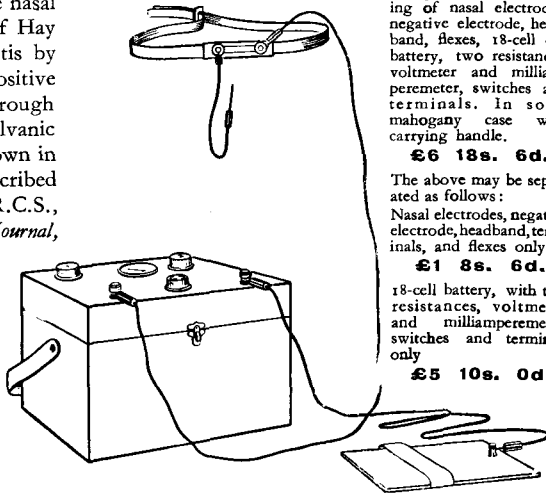
### FOR HAY FEVER AND NON-SUPPURATIVE RHINITIS

Pat. No. 373802

This apparatus is designed for the application of current to the nasal tissues for the treatment of Hay Fever and Paroxysmal Rhinitis by Ionization. It consists of positive and negative electrodes through which is conveyed a galvanic current from a battery as shown in the illustration, and was described by Mr. Philip Franklin, F.R.C.S., in the *British Medical Journal*, June 27th, 1931.

*Send for Booklet*

**THEODORE HAMBLIN**  
 Ltd.  
*Patentees and  
 Manufacturers*  
**15 WIGMORE STREET  
 LONDON, W.1**



**PRICES:**

Complete Outfit, consisting of nasal electrodes, negative electrode, headband, flexes, 18-cell dry battery, two resistances, voltmeter and milliamperemeter, switches and terminals. In solid mahogany case with carrying handle.

**£6 18s. 6d.**

The above may be separated as follows:

Nasal electrodes, negative electrode, headband, terminals, and flexes only

**£1 8s. 6d.**

18-cell battery, with two resistances, voltmeter and milliamperemeter, switches and terminals only

**£5 10s. 0d.**

*Mail Your Order Now!*

## PROBLEMS OF THE DEAF

By **MAX A. GOLDSTEIN, M.D., F.A.C.S.**

610 Pages—273 Illustrations—Leather Bound

\$6.00 Postage prepaid

An unusual, authoritative and comprehensive volume of XIX chapters, covering every phase of work with the Deaf, Deafened and Speech Defective, by an otologist and teacher of 40 years' experience, including:

Chronological History of Deafness—Anatomy and Physiology—Mechanics of Speech—Speech Defects—Cerebral Localization—Hearing Tests—Methods of Instruction—The Acoustic Method—Training of Teachers—The Deaf Child—Hard-of-Hearing Child—Physician and Deaf Child—Parent of Deaf Child—Deafened Adult—Hearing Aids—Schools for the Deaf—Quacks and Quackeries—Research.

Published by **THE LARYNGOSCOPE PRESS**

4574 West Papin Street

ST. LOUIS, MO.

*Please mention The Journal of Laryngology when replying to advertisements*

# CONTENTS

|   | PAGE |
|---|------|
| OTOGENOUS NON-PURULENT ENCEPHALITIS. Erik Jerlang<br>(Copenhagen) . . . . .   | 283  |
| OBSERVATIONS ON THE VARIATION IN HEARING IN OTOSCLEROSIS.<br>Stephen Suggit (London) . . . . .  | 294  |
| CLINICAL RECORD—  |      |
| Mesial Dermoid Cysts of the Nose occurring in Twin Boys.<br>F. WEBSTER FURNISS (Chesterfield) . . . . .   | 314  |
| TECHNICAL NOTE—   |      |
| Transparent Casts of the Labyrinth—an Improved Method<br>of Preparation. E. W. Peet (London) . . . . .  | 316  |
| SOCIETIES' PROCEEDINGS—   |      |
| Royal Society of Medicine—Section of Laryngology and<br>Section of Medicine . . . . .   | 319  |
| Royal Society of Medicine—Section of Otology . . . . .  | 331  |
| ABSTRACTS—  |      |
| The Ear . . . . .   | 344  |
| On the Pathology of Secretory Middle-Ear Catarrh. K. Lowe; Treatment of<br>Thrombosis of the Lateral Sinus, without ligation of the Internal Jugular Vein.<br>Matthew S. Ersner, M.D., and David Myers, M.D. (Philadelphia); Mastoid<br>Operations. Walter Howarth and Geoffrey Bateman; Otitis Externa: "Hot-<br>Weather Ear". An Investigation of One Hundred Cases and a Method of<br>Treatment. George Morley; Non-Suppurative Intracranial Complications of<br>Otitis Media. Adams A. McConnell; An Estimate of the Incidence of<br>Defective Hearing in England and Wales. Arthur G. Wells. |      |
| The Nose . . . . .  | 347  |
| A Case of extra large Pyocele (Mucocoele) of both Ethmoids with Exposure of Dura<br>and Evidence of Cerebral Irritation. Recovery after External Operation.<br>B. Knecht.   |      |
| Miscellaneous . . . . .   | 347  |
| Diphtheria Immunization with finely atomized Formal Toxoid. Guy Bousfield<br>and W. W. King-Brown; Cultures of Human Marrow. Studies on the Mode<br>of Action of Sulphanilamide. Edwin E. Good, M.D., and Inez E. Brownlee,<br>B.A.; Fracture of the Skull involving the Paranasal Sinuses and Mastoids.<br>C. C. Coleman, M.D. (Richmond, Va.); Triple Primar; Carcinoma in Oto-<br>Laryngology. J. C. Drooker, M.D. (Boston).   |      |
| REVIEW OF BOOKS . . . . .   | 351  |
| GENERAL NOTES . . . . .   | 354  |