

The Journal of Laryngology and Otology

EDITED BY
WALTER HOWARTH

WITH THE ASSISTANCE OF
W. M. MOLLISON

Contents

THE FUNCTION OF THE LABYRINTH H. MacNAUGHTON JONES

BLAST INJURY OF THE TYMPANIC MEMBRANE E. J. GILROY GLASS

CLINICAL RECORD—

TWO CASES OF PETROSITIS AND GRADENIGO'S
SYNDROME, TREATED BY CONSERVATIVE
SURGERY AND PENICILLIN KENNETH R. OGILVIE

SOCIETIES' PROCEEDINGS—

ROYAL SOCIETY OF MEDICINE—SECTION OF
LARYNGOLOGY WITH SECTION OF OTOLGY

London

Headley Brothers

109 Kingsway, W.C.2

Monthly, 4/- net post free

Annual Subscriptions 40/- net

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.

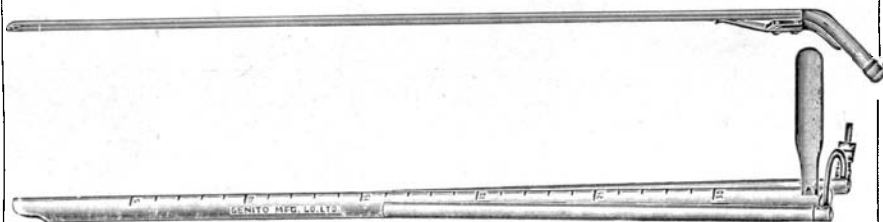
United States of America

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



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

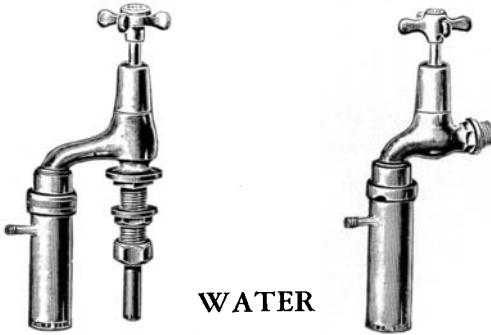
THE GENITO-URINARY MFG. CO. LTD.

28a DEVONSHIRE STREET, LONDON, W.1

Telephone:
WELBECK 2835 (3 lines)

Telegrams:
CYSTOSCOPE, WESDO, LONDON

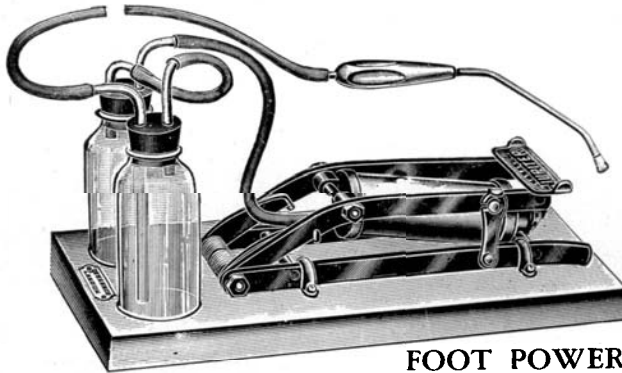
Please mention *The Journal of Laryngology* when replying to advertisements



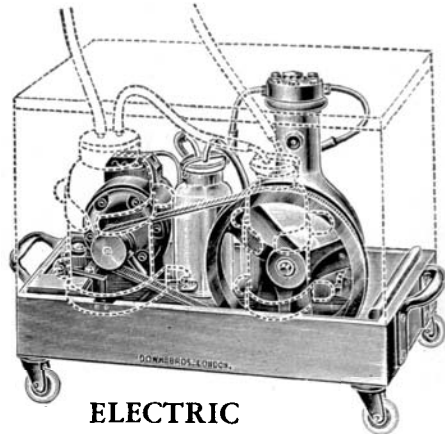
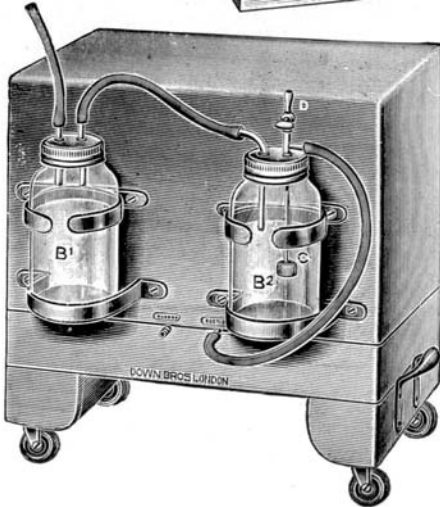
WATER

SUCTION APPARATUS

Particulars on application



FOOT POWER



ELECTRIC

DOWN BROS., LTD.

Correspondence : 23 PARK HILL RISE, CROYDON

Telephone : Croydon 6133, 6134, 6135

Showrooms : 22a CAVENDISH SQUARE, LONDON, W.1

Telephone : MAYFAIR 0406

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

PRESCRIBE THE EASY EFFECTIVE METHOD

When spraying, the patient can hold his head in a natural position, yet the solution spreads throughout the nasal cavity, assuring thorough treatment. Effective dropper-application, on the other hand, requires a complicated posture technique which patients are apt to neglect in home treatment.



DeVilbiss ATOMIZERS



These illustrations, which are based on X-ray research, clearly demonstrate the advantages of the atomizer as compared with the dropper
The **AEROGRAPH Co., Ltd.**, Lower Sydenham, London, S.E.26
Sole Distributors of DeVilbiss Products in the United Kingdom.
Telephones: Sydenham 6060—8 Lines.

CVS—149

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**

640 South Kingshighway

ST. LOUIS, MO.

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



SHORTENS THE COURSE OF INFECTION
AND AVERTS SEQUELÆ TO COLDS

SULFEX[®]

(A suspension of micro-crystalline ('Mickraform') sulphathiazole, 5%,
in an isotonic solution of 'Paredrinex,' 1%).

'Sulfex'* has proved strikingly effective, both with adults and children, in the treatment of nasal and sinus infections—especially those secondary to common colds. Nasopharyngeal sore throat often responds to 'Sulfex' within twenty-four hours. The suspension has the following advantages:—

- (1) **PROLONGED BACTERIOSTASIS.** The 'Mickraform'* crystals of free sulphathiazole are not quickly washed away, but form an even frosting over the nasal mucosa, thus providing prolonged bacteriostasis precisely where it is needed most.
- (2) **NON-STIMULATING VASOCONSTRICTION.** While 'Paredrinex'* exerts a rapid and complete shrinking action, it does not produce nervous side-effects such as restlessness and insomnia.
- (3) **THERAPEUTICALLY IDEAL pH (5.5 to 6.5).** 'Sulfex' does not cause stinging or irritation. Its slightly acid pH range is identical with that of normal nasal secretions.

Available, on prescription only, in 1-oz. bottles with dropper.
Price 5/1 including P.T. Special 8-oz. pack for hospitals.

Samples and further details on *signed* request of physicians.

MENLEY & JAMES LIMITED

123, COLDHARBOUR LANE, LONDON, S.E. 5

For Smith, Kline & French Laboratories, owners of the Trade Marks*

PS 2

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

'PLANACRINE'

TRADE MARK

BRAND

antiseptic throat lozenges**in stomatitis**

'Planacrine' lozenges are a useful adjunct in the prevention and treatment of various types of stomatitis.

Their most useful application is probably in the prevention of stomatitis occurring during treatment with metals such as bismuth, gold and arsenic. In aphthous stomatitis the use of 'Planacrine' will destroy the fungi and lead to rapid improvement in the condition.

SUPPLIES:

"Vest Pocket" containers of 40 lozenges

Our Medical Information Department will be glad to supply you with further details



MANUFACTURED BY

MAY & BAKER LTD.

DISTRIBUTORS

PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD., DAGENHAM

S146

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

CONTENTS

	PAGE
THE FUNCTION OF THE LABYRINTH. H. MacNaughton Jones (London)	425
BLAST INJURY OF THE TYMPANIC MEMBRANE. E. J. Gilroy Glass (Nottingham)	441
CLINICAL RECORD—	
Two Cases of Petrositis and Gradenigo's Syndrome, treated by Conservative Surgery and Penicillin. Kenneth R. Ogilvie (London)	445
SOCIETIES' PROCEEDINGS—	
Royal Society of Medicine—Section of Laryngology with Section of Otology	449

FOR ORAL MEDICATION

KERFOOTS
Proflavine
LOZENGES

enable the affected tissues
to be bathed in a naturally
buffered antiseptic solution.

Each contains
Proflavine Sulphate 3 mg.
In bottles of 36 and 500

KERFOOTS
Sulphanilamide
LOZENGES

are of special value in
throat affections due to local
streptococcal infection.

Each contains
Sulphanilamide gr. 1
In bottles of 50 and 500



Professional samples on request.

Thomas Kerfoot & Co. Ltd., Vale of Bardsley, Lancashire

K17

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