

plate B lying on asbestos fibre packing C, which seals the space between the vertical rod D and its enclosing gland. As long as the packing is loose, the rod D may be raised or lowered at will, but on tightening A the packing becomes compressed, thus locking the rod in position and sealing the gland.

The device described in this instance was made of "perspex" and for use in

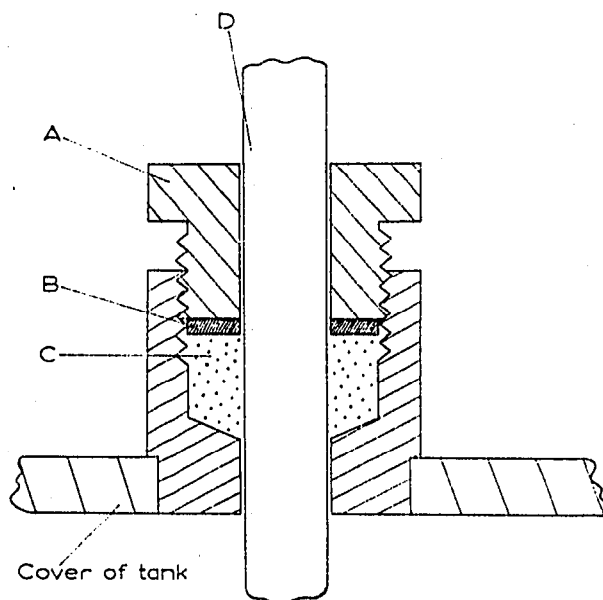


Fig. 2. The packed gland. A = hollow screw. B = packing ring. C = asbestos fibre packing. D = vertical rod. Scale is actual size.

ascending chromatography. The same principle, of course, could be used for material more resistant to the action of solvents, and likewise it would not be difficult to adapt the method for descending chromatography.

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BOOK REVIEW

Protides of the Biological Fluids, Proceedings of the Sixth Colloquium, Bruges, 1958.
Edited by Dr. H. PEETERS, published by Elsevier Publ. Co., Amsterdam, 1959,
330 pages, price 45 s.

Following the publication of the reports of the Fifth Colloquium on Protides of the Biological Fluids (Bruges, 1957), all the communications of the Sixth Colloquium, held also at Bruges in 1958, have now appeared.

It should be pointed out that some of the contributions to this Colloquium have already been published in *Clinica Chimica Acta*, but the great advantage of publishing

J. Chromatog., 3 (1960) 203-204

the complete Proceedings is that of collecting all this material in a single book, whose practical use and great interest in the field of medical applications for all biologists, chemists and analysts is self-evident.

This volume, like the previous one, has been edited by Dr. H. PEETERS. The papers have been grouped under the following headings: general topics, such as chromatography of proteins; techniques, such as micromethods of electrophoresis, etc.; special topics: macroglobulins, isolated protein fractions, protides and reproduction, protides and the digestive system, protides of the cerebrospinal fluid, protides in disease, therapeutic use of amino acids.

The subjects for the Round Table Discussions were: protein pattern in normal and pathological cases, and electrophoretic techniques.

This volume will assuredly be of great use to chemists, analysts and pathologists. It demonstrates the great revolution and progress in the methods and in the studies of protein systems by electrophoretic and chromatographic techniques, in a field in which, only a year ago, the conventional analytical methods had failed.

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J. Chromatog., 3 (1960) 203-204

NEW BOOKS

Die Papierelektrophorese, by CH. WUNDERLY, 2nd Ed., H. R. Sauerländer & Co., Aarau and Frankfurt am Main, 1959, 202 pages, price Sw. Frs. 18.80.

Studies in Crystal Physics, by M. A. JASWON. Reprinted from *Research (London)*, Vol. II (1958), Butterworths Scientific Publications, London, 1959, 42 pages, price 10 s. 6 d.

Five papers on crystal physics, each touching upon a different topic but all concerned with physical effects related primarily to the crystal structure rather than to the specific kind of atom involved, and providing the thermodynamic background to the picture.

Gas Chromatography, by A. I. M. KEULEMANS, edited by C. G. VERVER, 2nd Ed., Reinhold Publishing Corporation, New York, 1959, xxi + 234 pages, price \$ 7.50.