



# SCIENCE NEWS-LETTER

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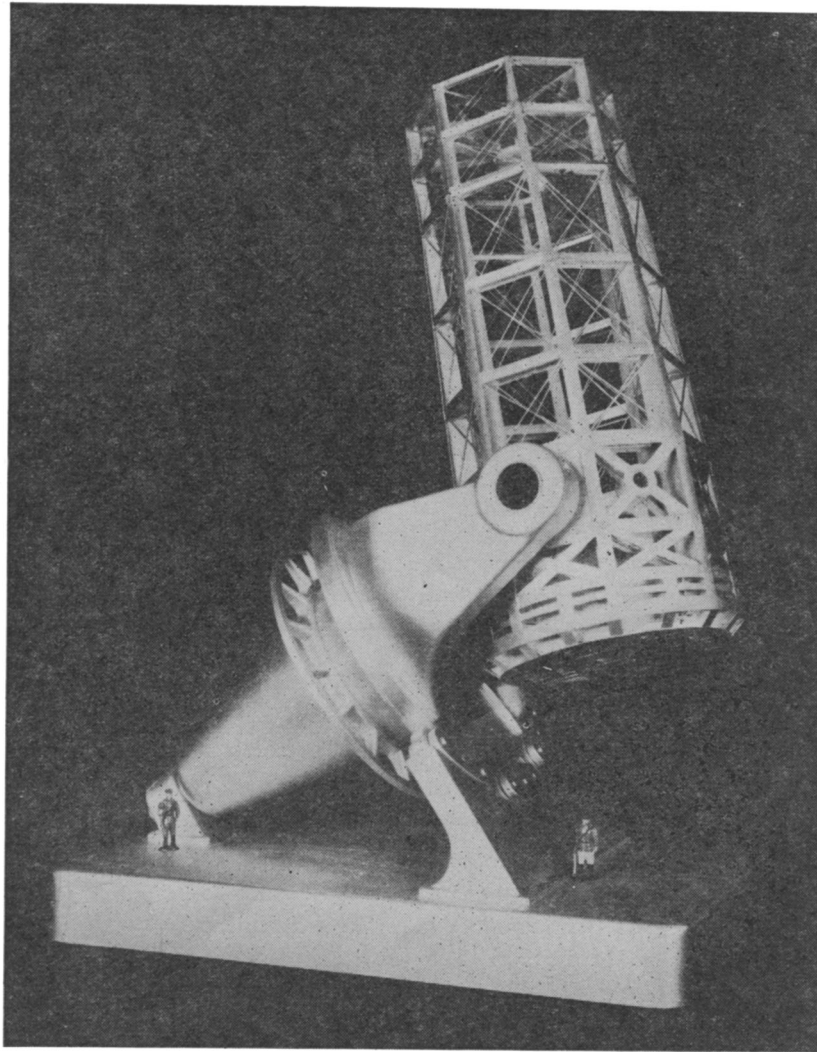


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# HACKH'S

## Chemical Dictionary



THE great progress of chemistry in recent years and its resulting, intensified specialization has emphasized the need for a dictionary which records the old and new phenomena in the terms of *our new concepts of matter and energy*.

This book is planned on broad lines. It is not a mere compilation or collection of facts, but it restates and redefines in simple, modern terms, the phenomena of the science, and connects these phenomena with each other. The author provides a number of original charts and diagrams which give a clearer conception of the subject and will prove of great practical value.

The work is offered as a modern, clear and concise description of the theories, laws and rules; elements, compounds, minerals, drugs, vegetable and animal products; reactions, processes, methods; apparatus, equipment, instruments, and biographical data with portraits. The collateral vocabulary of physics, astrophysics, geology, mineralogy, botany, zoology, medicine and pharmacy, also industry, mining and commerce has been included in so far as these terms are pertinent to the field of chemistry.

During the preparation of the work, the author received important information from a number of eminent chemists and scientists. The entire manuscript has been reviewed by Dr. Julius Grant, M.Sc., F.I.C., of London who, by embodying numerous terms which reflect British usage, has given the book an international character.

By **INGO W. D. HACKH**

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*Author of "Chemical Reactions and Their Equations"*

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