Editorial
More Power to Research ........................................ 727

Articles
Experiments at Very Low Pressures: D. Alpert .................. 729
Patent Work in a Small Company: T. C. Browne ............... 733
Magnets and Magnetic Field Measurements:
A. L. Bloom and M. E. Packard ................................ 738
Applications of Radioactive isotopes to Measurements: R. T. Nieset .... 742
Mechanical Translation: J. Ornstein ................................ 745
Oceanographic Instrumentation: A. C. Vine ..................... 748
Determination of Sources of Particulate Atmospheric Carbon:
G. D. Clayton, J. R. Arnold, F. A. Patty ....................... 751
I. M. Cline, Expert on Hurricanes, J. T. Hogan ............... 753

News of Science
First U.S. Trade Fair of the Atomic Industry; NBS Velocimeter; News Briefs; Scientists in the News; Necrology; Education; Grants, Fellowships, and Awards; In the Laboratories; Miscellaneous .................. 754

Reports and Letters
Rapid and Precise Measurement of Moisture in Biological Materials:
R. J. Heckley ......................................................... 760
Desiccator Cover Remover and Sleeve Wrench: H. Brubach .... 761
Germicidal Activity of Electric Heaters: C. E. Clifton ........ 762
Disposable Petri-Type Dish: S. Marcus .......................... 762
Sterile Microdissection and Isolation of Malarial Oocysts: J. Chao .... 763
Microinjector Needle for Determination of per os-LD₅₀ of Insect Viruses: M. E. Martignoni ...................... 764
High-Vacuum Filament Furnace for Gas Analysis of Metals:
G. A. Consolazio and W. J. McMahon .......................... 764
Microextraction for Paper Chromatography: M. H. Zimmermann ... 766
Slide Projection from Lecture Table: T. P. Nash, Jr. ........... 766
Anaerobic Cuvette: A. C. Maehly, L. Smith, J. D. Graham, Sr. .... 767

Book Reviews
Aluminum Paint and Powder; Machine Translation of Languages; The Technology of Solvents and Plasticizers; Electroplating Engineering Handbook; New Books .................................................. 768

Scientific Meetings
University Computing Laboratories; Meeting Notes; Society Elections; Forthcoming Events ........................................... 770
Equipment News ...................................................... 782
Index of Advertised Products ....................................... 790