LETTERS
Small Business R & D: J. J. LaFalce; W. B. Rudman; P. Speser; Radiation Effects: T. A. Louis; H. E. Holden; W. J. Schull and J. V. Neel ........................................ 456

EDITORIAL
The End of the Beginning: B. Murray ........................................ 459

ARTICLES
Scattered Electrons in Microscopy and Microanalysis: F. P. Ottensmeyer ........................................ 461
Biological Control of Chestnut Blight: S. L. Anagnostakis ................. 466

NEWS AND COMMENT
Harvard Delays in Reporting Fraud ........................................ 478
Coping with Fraud: The Odd Man Out ...................................... 479
Fear as a Form of Pollution ..................................................... 481

BRIEFING: Nonprofit Journals Share Mail Rate Boost; France Toughens Position on Reactor for Iraq; Another Look at Agricultural Research ...................... 482
A Tale with Many Connections .................................................. 484

RESEARCH NEWS
X-ray Holography Experiment Planned ..................................... 488
Just How Hazardous Are Dumps? ............................................... 490
BOOK REVIEWS

Bones, reviewed by H. T. Bunn; Origins and Evolution of Eukaryotic Intracellular Organelles, C. W. Birky, Jr.; Epithelial Ion and Water Transport, L. Reuss; Insect Cytogenetics, B. B. Spear; Books Received... 494

REPORTS

Voyager 2 Encounter with the Saturnian System: E. C. Stone and E. D. Miner... 499

A New Look at the Saturn System: The Voyager 2 Images: B. A. Smith et al... 504

Photopolarimetry from Voyager 2: Preliminary Results on Saturn, Titan, and the Rings: A. L. Lane et al. ........................................... 537

Infrared Observations of the Saturnian System from Voyager 2: R. Hanel et al. 544

Extreme Ultraviolet Observations from the Voyager 2 Encounter with Saturn: B. R. Sandel et al. ........................................... 548

Radio Science with Voyager 2 at Saturn: Atmosphere and Ionsphere and the Masses of Mimas, Tethys, and Iapetus: G. L. Tyler et al. ........................................... 553

Magnetic Field Studies by Voyager 2: Preliminary Results at Saturn: N. F. Ness et al. ........................................... 558

Plasma Observations Near Saturn: Initial Results from Voyager 2: H. S. Bridge et al. ........................................... 563

Low-Energy Hot Plasma and Particles in Saturn’s Magnetosphere: S. M. Krimigis et al. ........................................... 571

Energetic Charged Particles in Saturn’s Magnetosphere: Voyager 2 Results: R. E. Vogt et al. ........................................... 577

Planetary Radio Astronomy Observations from Voyager 2 Near Saturn: J. W. Warwick et al. ........................................... 582

Voyager 2 Plasma Wave Observations at Saturn: F. L. Scarf et al. ........................................... 587

COVER

Montage of Voyager photographs constructs a view over the limb of Enceladus (foreground, Voyager 2) which looks back toward the sun to observe Rhea (lower right, Voyager 1), Saturn (Voyager 1), Mimas (near Saturn, Voyager 2), and Titan (upper right, Voyager 2). Voyager 2 is currently proceeding toward flybys of Uranus (January 1986) and Neptune (August 1989). See page 499. [Montage prepared by R. W. Post, Photolab, Jet Propulsion Laboratory, Pasadena, California 91103]