

News of the Week

■ **Tax Reform Act of 1986 means drastically lower rates but fewer allowable deductions.** Page 4

■ **Animal-rights group Ark II charges Gillette Co. with abuse of laboratory animals.** Page 5

■ **New software makes it possible to develop foam parts in half the time previously required.** Page 5

■ **EPA issues an immediate ban on insecticide dicofol produced by Rohm & Haas.** Page 6

■ **Oncor offers blood test that uses a radioactive label to detect AIDS virus.** Page 6

Cover: Robot at Du Pont's Seaford, Del., plant packs nylon fiber for shipment

International Business

Strong yen is adversely affecting Japan's chemical firms; exports are less competitive and economy is slowing down. Page 16

Government

Pesticide bill clears House easily but now faces difficulties in Senate because of some controversial amendments adopted by House. Page 19

Science

Investigations of inorganic and organometallic complexes that show promise as antitumor agents intensify. Page 21

Use of nonlinear optical effects at solid-liquid interfaces may improve understanding of events at surfaces of operating electrodes. Page 22

New low-cost compound and reaction database program that runs on a microcomputer is geared to small labs. Page 24

Applying principles of surface chemistry to the study of nerves may advance understanding of nerve function. Page 26

Research on action of human plasma at membrane surfaces leads to protein adsorption/desorption hypothesis. Page 27

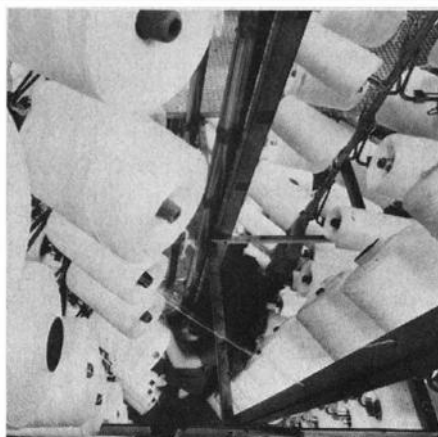
Education

Chemistry laboratory adapted for blind students by multidisciplinary team at University of Louisville. Page 28

Awards

ACS award winners: Angyal, Arcos, Bartok, Battista, Berson, Beynon, Drickamer, Hall, and Heine. Page 33

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Business

Growth of fiber intermediates DMT/PTA and cyclohexane is hampered by apparel imports and slowed exports. Production of ethylene oxide is likely to decrease because of decline in demand. Page 11