

communications, navigation and data transmission systems, specializing in multiple access, security and anti-interference techniques; studies and analyses, digital processor design in the communication area

SPRECKELS TECHNICAL RESOURCE LABORATORY

See Amstar Corp

SPRENGNETH INSTRUMENTS, INC

See Dyneer Corporation

S385 SPRINGBORN GROUP, INC. One Springborn Center, PO (gic)
Box J, Enfield, CT 06082. Tel: 203-749-8371; Telex: 443-6041; FAX:
203-749-7533

Chmn & Chief Exec Officer Dr Robert C Springborn; *Pres & Chief Operating Officer* R J Springborn

Professional Staff: 106 (Doctorates: 9)—Analytical chemistry, biochemistry, chemical engineering, ecotoxicology, environmental chemistry, pathology, pharmacology, physical chemistry, toxicology, veterinary pathology. **Technicians & Auxiliaries:** 110
Fields of R&D: Contract research and development and product development in polymers, chemicals, and related products, including analysis, polymer characterization, physical testing, engineering design, synthesis, compounding, specialty manufacturing, market analysis, and toxicology; occupational and environmental health and safety services; consumer products testing and inspection

.1 -Springborn Institute for Bioresearch, 553 N Broadway, (gic)
Spencerville, OH 45887. Tel: 419-647-4196
Chief Operating Officer Robert Springborn; *Pres & Technical Dir* Dr Richard A Hiles; *Dir Toxicology* Dr J T Liao; *Dir Pathology* Dr W T Collins; *Dir Reproduction-Teratolgy* Dr Joan Zeller; *Recruiting Contact* Susan Scavone

Professional Staff: 47 (Doctorates: 6)—Biochemistry, chemistry, DVM, pathology, toxicology, pharmacology, reproduction & teratology. **Technicians & Auxiliaries:** 42

Fields of R&D: Biological research specializing in the areas of toxicology; including acute, subacute and chronic toxicity, skin and eye irritation studies, dermal sensitization as well as carcinogenic, teratogenic and reproductive studies in rats, mice, guinea pigs, dogs and rabbits

.2 -Springborn Laboratories, Inc, 10 Springborn Center, Enfield, (gic)
CT 06082. Tel: 203-749-8371

Chmn & Pres R J Springborn; *Materials Science & Technology* Bernard Baum; *Mgr Human Resources* Michael DiVenuto; *Project Mgr Analytical Chemistry* Steven Pollack; *Project Leader Analytical Chemistry* Geraldine Boshart-Mikea; *Project Leader* Paul Willis; *Project Mgr* LeRoy A White; *Project Mgr* Paul Willis

Professional Staff: 13 (Doctorates: 3)—Analytical chemistry, biochemistry, physical chemistry. **Technicians & Auxiliaries:** 61
Fields of R&D: Testing, analysis, applied research and development, and marketing information for producers of manufactured products and materials; testing and analysis specializes in testing materials, industrial and consumer products utilizing chemical, mechanical and physical testing procedures; products can be analyzed for safety, utility, service life, or other desired criteria; specialty labs available for flammability and evaluation of pipes, textile and electrical products

S386 SPRINGS INDUSTRIES, INC, N White St, PO Box 70, Fort (p)
Mill, SC 29715. Tel: 803-547-2901

Chmn & Chief Exec Officer Walter Y Elisha; *VPres of R&D* Dr Jim Hendricks; *VPres of Planning & Development* J David Hopkins; *VPres of Corporate Communications* Marshall Doswell; *VPres of Facilities Planning* W L Weaver; *Pres* W Paul Tippet

Professional Staff: 20 (Doctorates: 2)—Analytical chemistry, organic chemistry, textile chemistry, textile engineering, textile manufacturing, textile technology. **Technicians & Auxiliaries:** 26

Fields of R&D: Applied research and development of textile processes and products

S387 SPS TECHNOLOGIES, INC, Newton & Yardley Rd, (p)
Newton, PA 18940. Tel: 215-572-3000

Chmn & Chief Exec Officer John R Selby; *Pres* H J Wilkinson; *VPres of Engineering & Manufacturing* R L Sproat

.1 -Cannon-Muskegon Corporation, PO Box 506, Muskegon, MI (pic)
49443. Tel: 616-755-1681

Pres Roger Schwer; *Technical Dir* Ken Harris; *Head of Lab & Chief Metallurgist* Ted Klemp; *Mgr Marketing & Pub Relations Officer* Richard J Quigg; *Personnel & Safety Officer* Marjorie Richards; *Chief Development Metallurgist* Gary Erickson

Professional Staff: 8 (Doctorates: 1)—Chemical engineering, mechanical engineering, metallurgical engineering. **Technicians & Auxiliaries:** 6

Fields of R&D: Vacuum and air melting capability in electric induction furnaces, heats from 12 pounds to 900 pounds in size, specializing in high purity nickel, cobalt, iron and copper base alloys; product-oriented alloy development and research; analytical and mechanical testing

.2 -SPS Technologies, Inc, Highland Ave, Jenkintown, PA 19046. (p)
Tel: 212-572-3000

Chmn & Chief Exec Officer John R Selby; *VPres of Engineering & Manufacturing* R L Sproat

.3 -SPS Laboratories, Highland Ave, Jenkintown, PA 19046. Tel: (pc)
215-572-3000; Telex: 83-4254; TWX: 510-665-1718

Chmn & Chief Exec Officer John R Selby; *Pres & Chief Operating Officer* Harry J Wilkinson; *Group VPres of Manufacturing, Engineering & Specialty Products* Robert L Sproat; *Dir of R&D* Dr Harry W Antes
Professional Staff: 40 (Doctorates: 3)—Finite element analysis,

materials, mechanics, stress analysis, metallurgy, metal working, powder metallurgy. **Technicians & Auxiliaries:** 32

Fields of R&D: Research in fasteners, fastening systems, assembly tools, materials, alloy development, manufacturing technology; mechanical testing, electronics, special test equipment, automated storage; and retrieval systems

S388 SQUARE D COMPANY, Executive Plaza, Palatine, IL 60067.

Tel: 312-397-2600

Chmn & Chief Exec Officer Dalton L Knauss; *Pres Electrical Group* Robert E King; *VPres of Engineering & Quality Assurance* C E Quentel; *Corporate Dir of Advertising & Pub Relations* C M Michalski; *VPres of Personnel Relations* J M Vetta; *VPres Manufacturing Group* R A Sackett; *Pres & Managing Dir (Europe)* Brandon Barnwell

.1 -Automation Products Division, 4041 N Richards St, (p)
Milwaukee, WI 53212. Tel: 414-332-2000; Telex: 24-7119 SQDUSA
FLON UR; FAX: 414-332-9332

Gen Mgr Robert VanSoyoc; *Chief Engineer* Robert E Macherey
Professional Staff: 21 (Doctorates: 1)—Materials science

Fields of R&D: Electric motor control devices and accessories; systems

.2 -Anderson Electrical Connectors, 940 Moores St NE, Leeds, (p)
AL 35094. Tel: 205-699-2411; Telex: 24-7119

Plant Mgr J B Saxon; *Division Mgr* D McKillop; *Chief Engineer* Jack Barr

Professional Staff: 5. **Technicians & Auxiliaries:** 4

Fields of R&D: Electric connectors, tools

.3 -Control Division, 128 Bingham Rd, PO Box 3107, Asheville, (p)
NC 28806. Tel: 704-252-0300; Telex: 05-7741

VPres & Control Division Mgr J N Daniel; *Plant Mgr* George H Pressley; *Division Dir of Engineer Planning* P J Le Mauviel; *Chief Engineer* Mike North

Fields of R&D: Electrical control devices and accessories

.4 -Control Group, PO Box 9247, Columbia, SC 29290. Tel: 803- (p)
776-7500; Telex: 57-3349

Plant Mgr E G Adams; *Chief Engineer* C A Schurr

Fields of R&D: Heavy industry controls

.5 -Distribution Equipment Group, 1601 Mercer Rd, Lexington, (p)
KY 40511. Tel: 606-254-6412; Telex: 21-8411

Plant Mgr V N Ogden; *Dir of Engineering Planning* H I Stanback; *Div Mgr* C W Denny; *Chief Engineer* R H Reed

Fields of R&D: Service entrance equipment, safety switches

.6 -Distribution Equipment Group,* 3700 Sixth St SW, PO Box (p)
3069, Cedar Rapids, IA 52406-3069. Tel: 319-365-4631; Telex: 46-4432

Plant Mgr C E Ashley; *Chief Engineer* CB Div W W Lang; *Chief Engineer* CR Div E J Fritz

Fields of R&D: Molded case circuit breakers

.7 -Electromagnetic Group, 2005 Calumet St, Clearwater, FL (p)
33575. Tel: 813-447-2511; Telex: 05-2799

Mgr V Blue; *Research* Joe Conley

Fields of R&D: Instrument transformers for metering and relaying applications, medium and low voltage transformers, protective relays and metering devices

.8 -Powermark, 3855 Ruffin Rd, San Diego, CA 92123. Tel: 619- (p)
565-8363

Pres Kenneth E Olson

Fields of R&D: Product-oriented research on power conversion and regulating products

.9 -Topaz,* 9150 Topaz Way, San Diego, CA 92123. Tel: 619-279- (p)
0831; TWX: 910-335-1526

Chief Operating Officer Kenneth E Olson

Fields of R&D: Product-oriented research on power conditioning equipment

S389 SQUIBB CORP, PO Box 4000, Princeton, NJ 08540. Tel: 609- (p)
921-4000

Chmn & Chief Exec Officer Richard M Furlaud; *Pres & Chief Operating Officer* Dennis C Fill; *VPres for Pub Affairs* William Cox

.1 -Advanced Technology Laboratories, Inc, PO Box 3003, (p)
Bothell, WA 98041-3003. Tel: 206-487-7000

Pres Dale Conrad

Fields of R&D: Medical ultrasound systems; realtime heart and abdominal imaging; pulsed doppler blood flow detection; combined pulsed echo and pulsed doppler; cardiovascular instrumentation

.2 -Charles of the Ritz Group Ltd, 40 W 57th St, New York, NY (p)
10019. Tel: 212-621-7300

Chmn Bd Robert Miller; *Pres* Robert H Miller; *VPres Operations* Howard Rich; *Sr VPres Operations* Timothy Hogan; *VPres Personnel* Richard C Berke

Professional Staff: 16 (Doctorates: 2)—Bacteriology, chemical packaging, chemistry, mechanical engineering. **Technicians & Auxiliaries:** 11

Fields of R&D: Fragrance; cosmetics; toiletries; treatment; makeup; skin care

.3 -Spacelabs Inc,* 20550 Prairie St, Chatsworth, CA 91311. Tel: (p)
818-882-9560

Group VPres Carl Lombardi; *VPres & Gen Mgr* Bill Rich; *Dir of Advanced Development* Dr Shelborne D Wilson

Professional Staff: 27 (Doctorates: 2)—Biochemistry, biotechnology,