

- J71 JONATHAN MANUFACTURING CORP.*** 1101 S Acacia Ave, Fullerton, CA 92831. Tel: 714-526-4651; Fax 714-773-5582. *Chmn & Pres* R L Burch; *VPres & Gen Mgr* Doug Clark; *VPres Engineering* Gus Molina
Professional Staff: 10
Fields of R&D: Product-oriented research in ball precision bearing/slide mechanisms (p)
- J72 JONES & STOKES ASSOCIATES, INC.** Suite 100, 2600 V St, Sacramento, CA 95818-1914. Tel: 916-737-3000; Fax 916-737-3030. *Pres* Curtis E Spencer
Professional Staff: 100 (Doctorates: 11)—Botany, civil engineering, economics, fisheries, forestry, geography, hydrology, law, zoology. Technicians & Auxiliaries: 51
Fields of R&D: Natural resources, regional planning and ecology, environmental assessment and research of water supply and wastewater systems, freshwater and marine ecosystems, energy development, wetlands and terrestrial ecosystems, urban developments, governmental programs, air quality, traffic, noise, solid waste and land use (c)
- J73 JONES BLAIR COMPANY,*** 2728 Empire Central, Dallas, TX 75235. Tel: 214-353-1600; Fax 214-350-7624. *Pres* Thomas F Wagner; *VPres & Technical Dir* D Y Cannon
Professional Staff: 15 (Doctorates: 1)—Polymer chemistry. Technicians & Auxiliaries: 9
Fields of R&D: Paint products, resins (p)
- J74 W ALTON JONES CELL SCIENCE CENTER.** 10 Old Barn Rd, Lake Placid, NY 12946. Tel: 518-523-1250; Fax 518-523-1849. *Dir* Dr James L Stevens; *Personnel Mgr* Andrea Terwilliger; *Sr Scientist* Dr John W Crabb; *Sr Scientist* Joellen Welsh; *Sr Scientist* Dr Jun Hayashi; *Sr Scientist* Martin Tenniswood; *Sr Scientist* Dr Ginette Serrero
Professional Staff: 63 (Doctorates: 28)—Biochemistry, biology, infectious diseases, microbiology, molecular biophysics, virology. Technicians & Auxiliaries: 41
Fields of R&D: Regulation of cell growth and differentiated function; extracellular regulation of multiplication and function of human liver cells; prostrate epithelial cells and human lung epithelial cells; interferon production by cultured cells and mechanism of multiplication-stimulating growth factors and hormones on normal and transformed cells; investigation of the phenomenon of aging energy metabolism in cultured cells; study of cell aging in culture in relation to changes occurring during human aging; study of functional impairments of cells from older individuals compared with younger individuals; investigation of new cell culture systems as models in vitro aging, mathematical modeling of aging cell cultures for testing current theories of aging against new experimental evidence; monoclonal antibody production; pathogenesis of respiratory diseases in cancer biology cell culture factor (p)
- J75 JONES CHEMICALS, INC.** 80 Munson St, Leroy, NY 14482. Tel: 716-768-6281; Fax 716-768-2632. *Pres* Jeffrey Jones
Professional Staff: 3
Fields of R&D: Application research for full line of industrial chemicals, water and waste water processing; chemical, water and waste water analysis, quality control and assurance of products (p)
- J76 JONES MEDICAL INDUSTRIES, INC.** 1945 Craig Rd, Saint Louis, MO 63146. Tel: 314-576-6100. *Pres* Dennis M Jones
Fields of R&D: Research and development in the field of pharmaceutical preparations (p)
- J77 JORDAN, APOSTAL, RITTER ASSOCIATES, INC.** 35 Belver Ave, North Kingstown, RI 02852. Tel: 401-884-3014; Fax 401-294-3826. *Pres* Charles Ritter; *Research Engineer* George A Haduch; *Principal Structural Engineer* Peter E Kingman; *Principal Structural Engineer* David B Woyak
Professional Staff: 14 (Doctorates: 2)—Applied structural mechanics, civil engineering, computer programming, finite element method, fracture mechanics, heat transfer analysis, mechanical engineering, ocean engineering, structural mechanics consultants, theoretical structural mechanics. Technicians & Auxiliaries: 4
Fields of R&D: Applied and product-oriented research in the following areas: computer aided engineering, computer aided design support, solid mechanics, finite element technology, linear and nonlinear structural analysis, research and development, software development and implementation, interactive pre and post processing, stress analysis, computer programming, mechanical design and development support, seminars and courses, technical management consulting, knowledge-based engineering, new product development, forensic engineering, software products and CAE/CAD systems integrators (gic)
- J78 ROY JORGENSEN ASSOCIATES, INC.** 3735 Buckeystown Pike, Buckeystown, MD 21717. Tel: 301-831-1000; Fax 301-874-2876. *Pres* John S Jorgensen
Fields of R&D: Applied research, development and implementation of transportation management systems, maintenance management, equipment management, highway safety, general management, transportation planning and training (c)
- J79 JOSTENS, INC.** 5501 Norman Center Dr, Minneapolis, MN 55437. Tel: 612-830-3300; Fax 612-830-3293. *Chief Exec Officer & Pres* Robert Buhrmaster
Fields of R&D: Product-oriented research in motivation and recognition products (p)
- J80 JOSTENS LEARNING CORPORATION,*** 9920 Pacific Heights Blvd, San Diego, CA 92121. Tel: 619-587-0087. *Chmn* David Shaffer; *VPres Product Development* Nancy Lockwood
Fields of R&D: Basic and product-oriented research and development in software (p)
- J81 JOUAN INC.** 110-B Industrial Dr, Winchester, VA 22602. Tel: 540-869-8623; Fax 540-869-8626. *Pres* R E Cady
Fields of R&D: Applied and product-oriented research and development in chemical and physical laboratory vacuum pumps, quality control, apparatus, biomedical laboratory equipment and pathological testing instruments (p)
- JOY MINING MACHINERY**
See Harnischfeger Industries
- J82 JPS TEXTILE GROUP, INC.** 555 N Pleasantburg Dr, Greenville, SC 29607. Tel: 864-271-9919; Fax 864-271-9939. *Pres* Jerry Hunter
- J83 JPS Converter & Industrial.** 33 Stevens St, PO Box 208, Greenville, SC 29602. Tel: 864-239-4800; Fax 864-239-5092. *Dir R&D* Jim Farrington
Professional Staff: 2. Technicians & Auxiliaries: 16
Fields of R&D: Product-oriented research in textiles for apparel and industrial use (p)
- J84 JRH BIOSCIENCES INC** (Subsidiary of CSL Limited, Sidney, Australia), 13804 W 107th St, PO Box 14848, Lenexa, KS 66215. Tel: 913-469-5580; Fax 913-469-5584. *Pres* Paul Bordonaro; *Dir R&D* Karen Etchberger PhD
Fields of R&D: Basic, applied and product-oriented bioscience research and development for the pharmaceutical and critical care industries (p)
- J85 J-TEC ASSOCIATES, INC.** 5255 Rockwell Dr, Cedar Rapids, IA 52402. Tel: 319-393-5200; WATS: 800-959-0872; Fax 319-393-5211; Elec Mail: j-tec@j-tecassociates.com. *Pres* Gary J Roling; *VPres Manufacturing* D L (Spike) Staebler; *Human Resources Dir* Mary Lou Harrison; *Engineering Mgr* Tom Hamilton
Professional Staff: 1. Technicians & Auxiliaries: 3
Fields of R&D: Flowmeter instrumentation, fluid dynamics (p)
- J86 JUAREZ & ASSOCIATES, INC.** 12139 National Blvd, Los Angeles, CA 90064. Tel: 310-478-0826, 213-879-5899; Elec Mail: juarez@ix.netcom.com. *Pres* Nicandro F Juarez
Professional Staff: 10 (Doctorates: 3). Technicians & Auxiliaries: 5
Fields of R&D: Social and economic impact assessments, public opinion surveys; employment and training programs, labor-management relations, employment standards and evaluations; marketing research and planning, service distribution and delivery systems; general management services; (gc)
- JUDD WIRE, INC**
See Sumitomo Electric USA, Inc
- J87 JUDGE IMAGING SYSTEM, INC.** Suite 800, 2 Bala Plaza, Bala Cynwyd, PA 19004. Tel: 610-617-1469; Fax 610-664-7090. *Chief Exec Officer & Pres* James Person
- J88 -Judge Imaging Systems, Inc.** 1010 Weathersfield Ave, Hartford, CT 06114. Tel: 203-291-1830; Fax 203-947-3116. *Pres* James Person
Fields of R&D: Product-oriented research on integrated system designs (p)
- J89 JULE BIOTECHNOLOGIES, INC.** 25 Science Park, New Haven, CT 06511. Tel: 203-786-5490; Fax 203-786-5489. *Pres* George T Leka; *Dir R&D* Diane Kichar
Professional Staff: 2
Fields of R&D: Product development in separation systems for molecular biology, includes HPLC, electrophoresis, centrifugation (p)
- J90 JULIE RESEARCH LABORATORIES, INC.*** 508 W 26th St, 10th Floor, New York, NY 10001-5504. Tel: 212-633-6625. *Pres & Chief Engineer* Loeb Julie; *Gen Mgr & Librn* Ora Julie
Professional Staff: 2. Technicians & Auxiliaries: 6
Fields of R&D: Development of high precision electronic calibration equipment and ultra-stable precision resistors and resistor networks (gi)