Resource Ecology Lab, NESB Building, Fort Collins, CO 80523. *Instrument:* Mass Spectrometer, Model OPTIMA. *Manufacturer:* VG - Fisons, United Kingdom. *Intended Use:* The instrument will be used to measure the isotopic abundance of carbon, nitrogen, hydrogen, and oxygen in plant, soil and air samples in experiments ranging from field studies to laboratory analysis. In addition, the instrument will be used in the course Physiological Plant Ecology and Isotope Biogeochemistry to examine plant and soil processes that modify isotope fractionation. *Application Accepted by Commissioner of Customs:* August 4, 1995.

Frank W. Creel

Director, Statutory Import Programs Staff

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Applications for Duty-Free Entry of Scientific Instruments

Pursuant to Section 6(c) of the Educational, Scientific and Cultural Materials Importation Act of 1966 (Pub. L. 89–651; 80 Stat. 897; 15 CFR part 301), we invite comments on the question of whether instruments of equivalent scientific value, for the purposes for which the instruments shown below are intended to be used, are being manufactured in the United States.

Comments must comply with 15 CFR 301.5(a)(3) and (4) of the regulations and be filed within 20 days with the Statutory Import Programs Staff, U.S. Department of Commerce, Washington, D.C. 20230. Applications may be examined between 8:30 A.M. and 5:00 P.M. in Room 4211, U.S. Department of Commerce, 14th Street and Constitution Avenue, N.W., Washington, D.C.

Docket Number: 95–072. *Applicant:* University of Michigan, Department of Geological Sciences, 425 E. University, Ann Arbor, MI 48109-1063. *Instrument:* ICP Multicollector Mass Spectrometer, Model Plasma 54. *Manufacturer:* Fisons Elemental, United Kingdom. *Intended Use:* The instrument will be used in experiments that consist of extracting and purifying elements of interest and measuring their isotopic compositions, with or without enriched spikes to measure concentrations. In addition, the instrument will be used for training purposes in relevant geochemistry courses. *Application Accepted by Commissioner of Customs:* August 11, 1995.

Docket Number: 95–073. *Applicant:* Texas A&M University, College Station, TX 77843. *Instrument:* Automatic Carbonate Preparation Device, Model Kiel II. *Manufacturer:* Finnigan MAT, Germany. *Intended Use:* The instrument is an accessory to an existing mass spectrometer that will be used to provide the means for measuring the stable oxygen and carbon isotopic ratios of very small, individually reacted carbonate mineral samples under study. The instrument will also be used to collect data for classroom teaching and M.S. and Ph.D. thesis. *Application Accepted by Commissioner of Customs:* August 11, 1995.

Docket Number: 95–074. *Applicant:* University of South Florida, Marine Science Department, MSL 119, 830 1st Street South, St. Petersburg, FL 33701. *Instrument:* Fluorimeter, Model Aquatraka MKIII. *Manufacturer:* Chelsea Instruments Ltd., United Kingdom. *Intended Use:* The instrument will be used to measure chlorophyll *a* fluorescence in aquatic environments in a study of the plant plankton in the Caribbean Sea, part of a larger effort to identify and analyze the biological/chemical constituents of marine waters in the Caribbean Sea. In addition, the instrument will be used for educational purposes in the course Remote Sensing in Oceanography. *Application Accepted by Commissioner of Customs:* August 16, 1995.

Docket Number: 95–075. *Applicant:* Georgetown University, 37th and ''O'' Streets, NW, Washington, DC 20057. *Instrument:* Time-Correlated Single Photon Counting Spectrometer, Model FL900. *Manufacturer:* Edinburgh Instruments, Ltd., United Kingdom. *Intended Use:* The instrument will be used to monitor the excited state lifetime of organic and polymeric molecules by their emissive properties during the study of basic and exotic polymers, gels, liquid crystals, crystals and other materials. The objective of the studies is to characterize the environment in which molecules in the above phases are located. In addition, the instrument will be used for training graduate and undergraduate students to characterize materials of significance. *Application Accepted by Commissioner of Customs:* August 25, 1995.

Docket Number: 95–076. *Applicant:* University of Michigan, 1028 College of Pharmacy, 428 Church Street, Ann Arbor, MI 48109-1065. *Instrument:* Stopped-flow Spectrometer System, Model SF-61AFX. *Manufacturer:* Hi-Tech Scientific, United Kingdom. *Intended Use:* The instrument will be used to study rapid reaction kinetics over the millisecond time scale in experiments involving purification of the enzymes from either bovine lung (guanylate cyclase) or a macrophage cell line (nitric oxide synthase). *Application Accepted by Commissioner of Customs:* August 25, 1995.

Docket Number: 95–077. *Applicant:* Shriners Hospital - Spokane Unit, 911 West Fifth Avenue, Spokane, WA 99204-2472. *Instrument:* 3-Dimensional Motion Analyser System, Model VICON 370. *Manufacturer:* Oxford Metrics, Ltd., United Kingdom. *Intended Use:* The instrument will be used to study the gait cycle/walking patterns, muscle activity and various motions of human subjects. The analysis of this data will then be used in aiding the physicians and therapists in determining the needs of the patient (i.e. continuing therapy, a change in therapy, surgery, etc.). *Application Accepted by Commissioner of Customs:* August 29, 1995.

Docket Number: 95–079. *Applicant:* University of California, Department of Pharmaceutical Chemistry, San Francisco, CA 94143-0446. *Instrument:* Tandem Mass Spectrometer, Model AUTOSPEC - 5000. *Manufacturer:* Fisons Instruments, United Kingdom. *Intended Use:* The instrument will be used for studies of the macromolecular components of normal human and tumor cells and bacterial and viral human pathogens in the context of correlations between cell phenotype and genotype. Overall research purposes will emphasize interdisciplinary studies addressing key unsolved structural issues revolving around the delineation of protein sequence and covalent modification, protein glycosylation, peptide antigens, glycolipid antigens and xenobiotic protein and DNA covalent adducts. In addition, the instrument will be used for educational purposes in the course Pharmaceutical Chemistry 235: Mass Spectrometry in the Health and Life Sciences. *Application Accepted by Commissioner of Customs:* August 29, 1995.

Docket Number: 95–080. *Applicant:* Santa Rosa Outpatient Rehab, 4319 Medical Drive, San Antonio, TX 78229-4899. *Instrument:* 3-Dimensional Motion Analyser System, Model VICON 370. *Manufacturer:* Oxford Metrics, Ltd., United Kingdom. *Intended Use:* The instrument will be used for the study of the walking patterns (i.e. gait) of human subjects, to provide precise information on muscle activity, joint motion, and the forces acting at the joint at different points of human gait or various motions. *Application Accepted by Commissioner of Customs:* August 29, 1995.

Frank W. Creel,

Director, Statutory Import Programs Staff.

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