APPENDIX C

Patents Resulting From Activities Supported by the National Science Foundation

The Foundation, since its last annual report, has received notification of the issuance of the following five patents by the U.S. Patent Office covering inventions arising out of Foundation-supported activities on each of which the Government has received a nonexclusive, irrevocable, nontransferable, royalty-free worldwide license:

Patent No. 3,272,434 entitled "Nucleating Process" was issued on September 13, 1966, on an invention made by Albert C. Zettlemoyer, John J. Chessick, and Noubar Tcheurekdjian during the course of research supported by a grant to Lehigh University, Bethlehem, Pa. This invention relates to freezing nucleating agents especially of the type which nucleate hydrogen-bonding crystals such as ice from liquid or from gaseous media, such as water clouds, and to processes of nucleation of hydrogen-bonding crystals.

Patent No. 3,297,590 entitled "Pyrophoric Lead Composition and Method of Making It" was issued on January 10, 1967, on an invention made by Sidney Toby and Joseph Charles during the course of research supported by a grant to Rutgers, The State University, New Brunswick, N.J. This invention relates to a novel pyrophoric lead composition of high pyrophoric activity and to a method of making it.

Patent No. 3,303,333 entitled "Error Detection and Correction System for Convolutional Codes" was issued on February 7, 1967, on an invention made during the course of research conducted by James Lee Massey when he was an NSF Fellow. This invention relates to methods of and apparatus for processing signal information, and more particularly, to the correcting and/or detecting of signal errors or other changes, as produced in transmission.

Patent No. 3,320,328 entitled "Permselective Membranes" was issued on May 16, 1967, on an invention made by Alan S. Michaels during the course of research supported by a grant to the Massachusetts Institute of Technology, Cambridge, Mass. This invention relates to diffusion processes for separating a mixture of compounds into fractions relatively enriched and depleted with respect to one or more of the compounds and in particular to permselective membranes for use in such processes.

Reissue Patent No. 26,065 entitled "Polybenzimidazoles and Their Preparation" was issued on July 19, 1966, on an invention made by Carl S. Marvel and Herward A. Vogel during the course of research supported by a grant to the University of Illinois, Urbana, Ill. This invention relates to a novel and useful class of high molecular weight and condensation polymers and to a process for the preparation of such polymers. More particularly, it relates to high molecular weight condensation polymers which are characterized by high melting points and a high degree of stability at elevated temperatures.