

Appendix D

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 four patents by the U.S. Patent Office covering inventions arising out of Foundation-supported activities on each of which the U.S. Government has received a nonexclusive, irrevocable, nontransferrable, royalty-free, worldwide license:

Patent No. 3,460,150 entitled "High Gain Frequency Independent Antenna" was issued on August 5, 1969, on an invention made by Kenneth K. Mei during the course of research supported by a grant to the University of California. This invention relates to means for propagating and receiving electromagnetic energy, particularly waves of relatively short length and particularly under circumstances wherein considerable directivity of the antenna is desired and in which a high gain is requisite.

Patent No. 3,461,591 entitled "Under-

water Sampling Apparatus" was issued on August 19, 1969, on an invention made by Daniel M. Brown and John A. McGowan during the course of research supported by a grant to the University of California. This invention relates to underwater sampling apparatus being more particularly directed to nets adapted to being towed under water and automatically to be opened and closed at predetermined instants of time to collect desired samples of plankton and the like.

Patent No. 3,465,500 entitled "Method and Apparatus for Separation of Components from Gaseous Streams" was issued on September 9, 1969, on an invention made by John B. Fenn during the course of research supported by a grant to Princeton University. This invention relates to a method and apparatus for separating the components of a gaseous mixture containing heavier and lighter species.

Patent No. 3,469,118 entitled "High Voltage Generator" was issued on September 23, 1969, on an invention made by Raymond G. Herb and James A. Ferry during the course of research supported by a grant to the University of Wisconsin. This invention relates to high-voltage generators of the electrostatic type.