PROGRAMMABLE AQUA FEEDER WITH AUTOMATIC POWER BACKUP

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ABSTRACT

In recent years electronic systems have found their way into almost all aspects of our lives. Such systems wake us in the morning; control the operation of our cars as we drive to work; maintain a comfortable working environment in our offices and homes; allow us to communicate world-wide; provide access to information at the touch of a button; manage the provision of power to maintain our high technology life styles; provide restful entertainment after a day of 'electronically controlled' excitement and even to automate the traditional fish feeding. The objective of this thesis is to develop an automation system in which its functionality is to reduce the complexity of our daily life. Living in this Information Age, the need of a system that is capable to automate our daily works is seems to be essential. The objective of this project is not only focused on the developing the system, but a wide opportunity to study the advent technology of microcontroller, the concept and its methodology. Our way of life increasingly depends on an ability to monitor or control our environment and to perform works efficiently. In this areas, the power of microcontroller's technology is supreme and seem certain to remain so for the foreseeable future.

TABLE OF CONTENTS