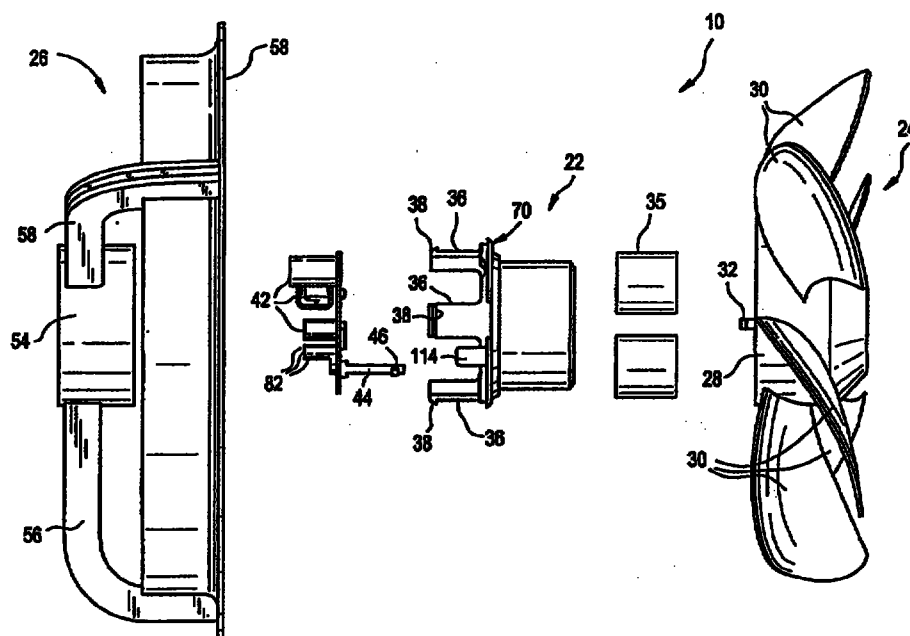




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(54) Title: PROGRAMMABLE ELECTRIC MOTOR AND METHOD OF ASSEMBLY



(57) Abstract

An electric motor having a snap-together construction without the use of separate fasteners. The construction of the motor removes additive tolerances for a more accurate assembly. The motor is capable of programming and testing after final assembly and can be non-destructively disassembled for repair or modification. The motor is constructed to inhibit the ready entry of water into the motor housing and to limit the effect of any water which manages to enter the housing.