

ABSTRACT**ROTOR MOVEMENT SENSING SYSTEM**

5 A rotor movement sensing system is provided for use
in a postage meter to permit detection of the printing of
postage even in the event that power is lost during the
printing cycle. A sensor is provided to sense the magnet
10 on a disk when the rotor is substantially past its home
position. When the disk magnet passes near a memory
element, the memory element is magnetized. A Hall-effect
sensor is positioned at the memory element so that it
provides a signal to the processor indicative of the
magnetization of the memory element. A solenoidal
15 winding is provided around the memory element. The
processor has an output which causes a current to flow
through the winding, whereby the memory element is
demagnetized. A flip-flop provides a bistable latch
backed up by a lithium cell, and the output of the flip-
20 flop provides a datum for the processor.

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