Fig. 1

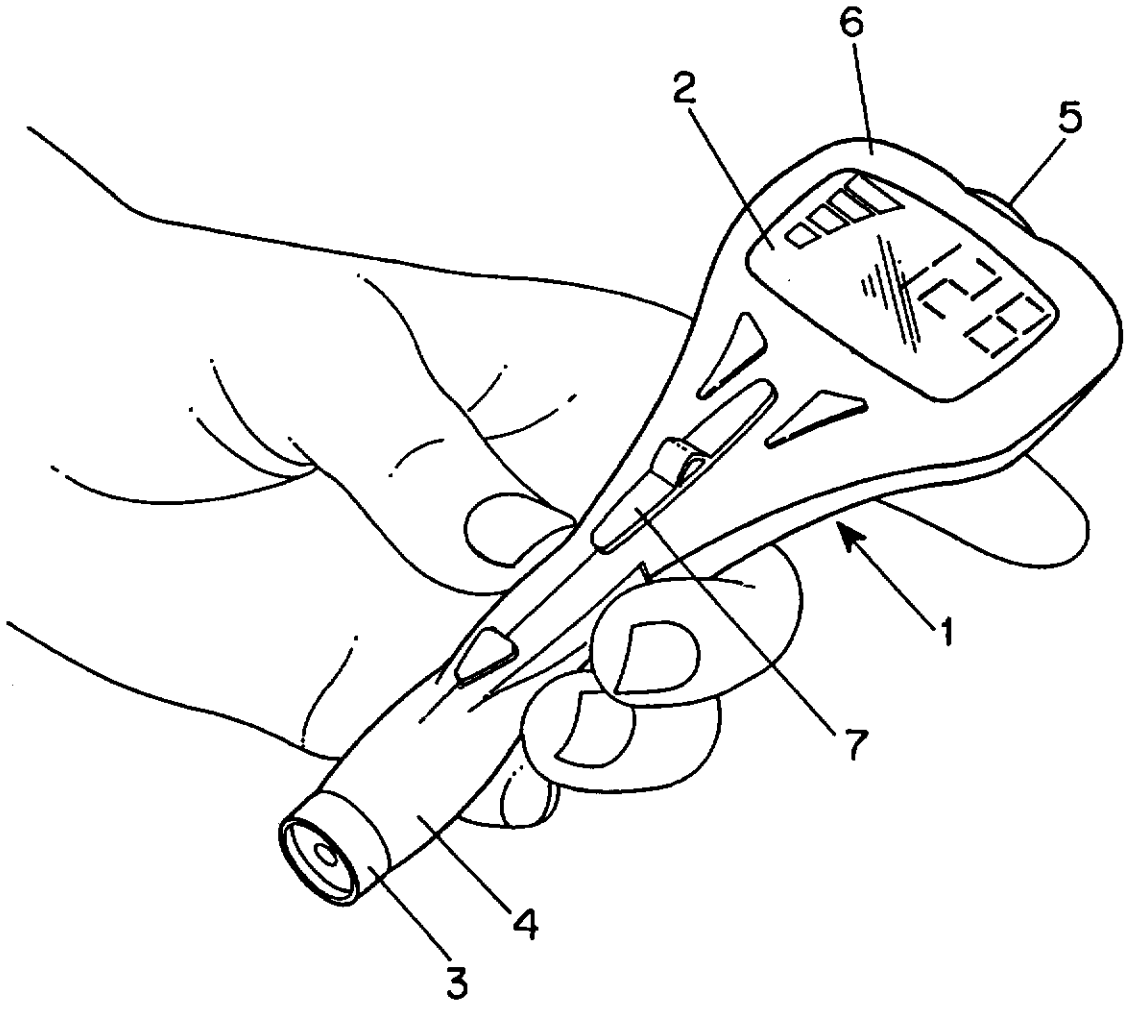


Fig. 2C

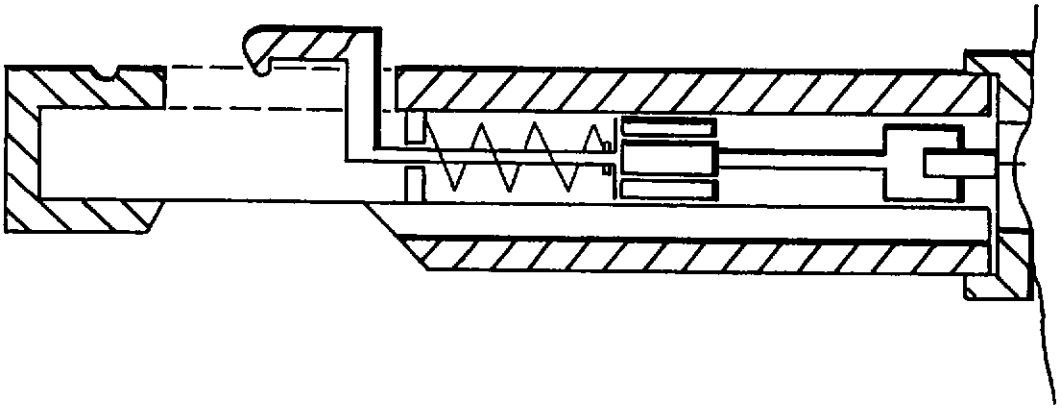


Fig. 2B

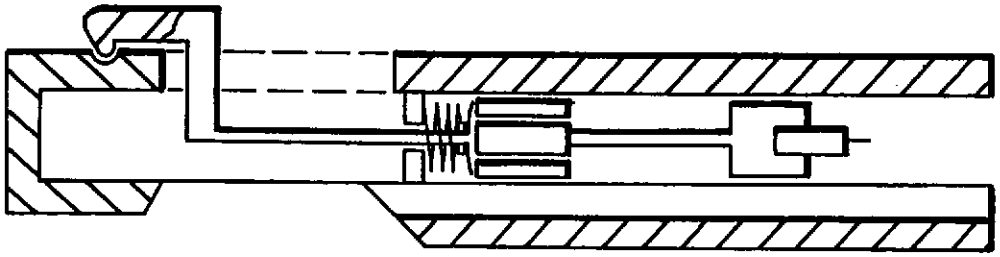


Fig. 2A

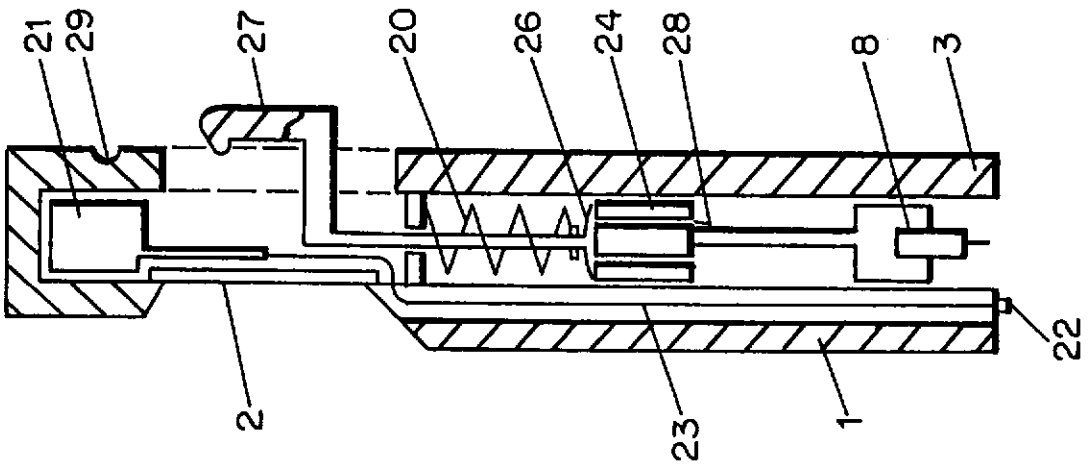


Fig. 3A

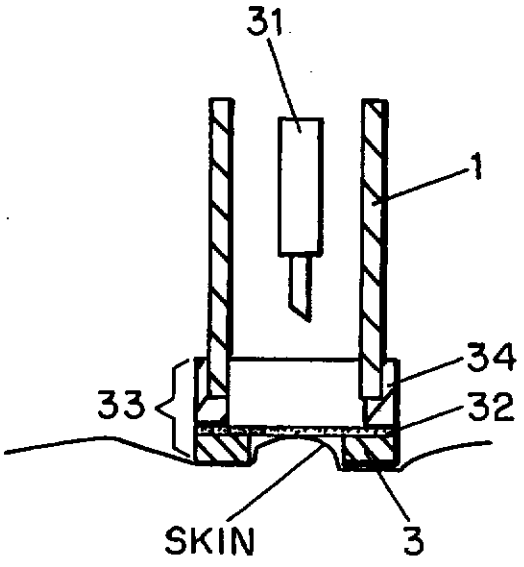


Fig. 3B

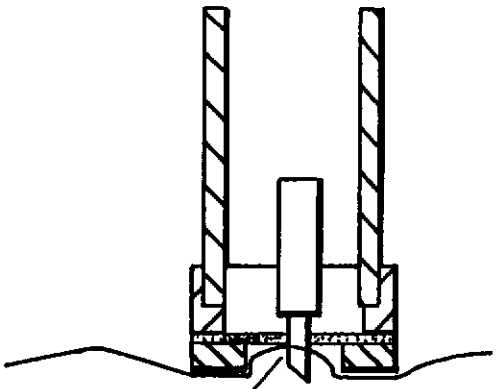


Fig. 3C

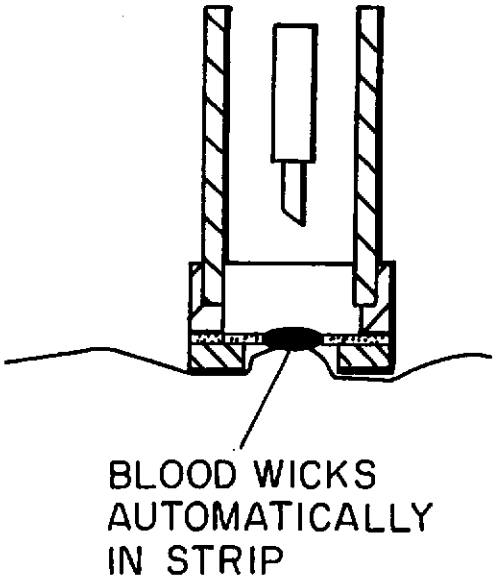
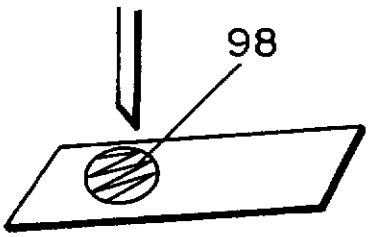


Fig. 3D



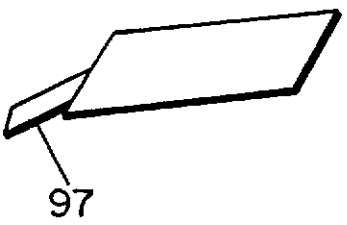


Fig. 3E

Fig. 4

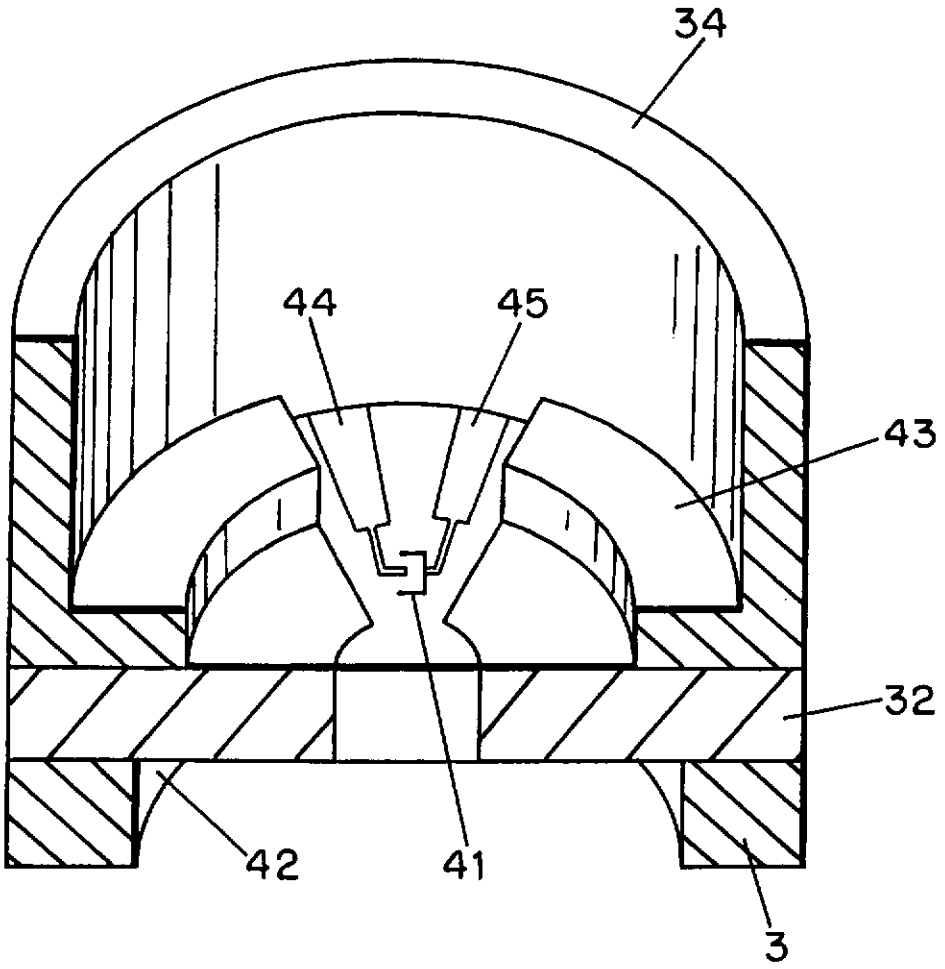


Fig. 5A

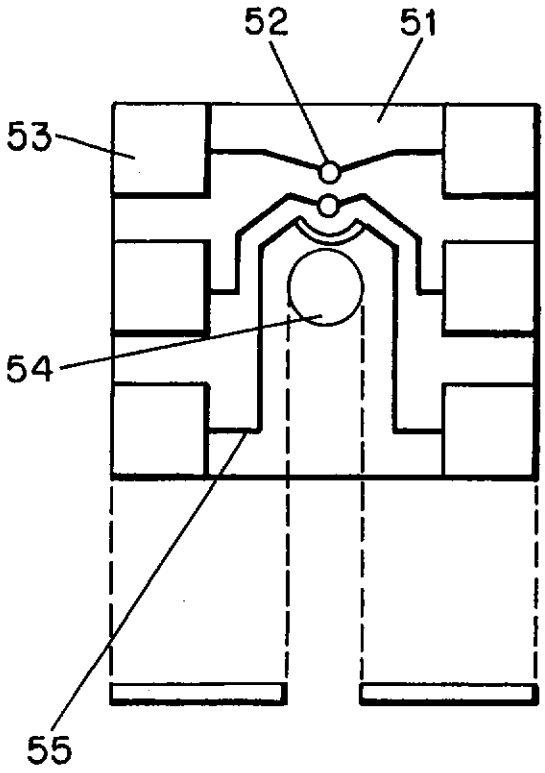


Fig. 5B

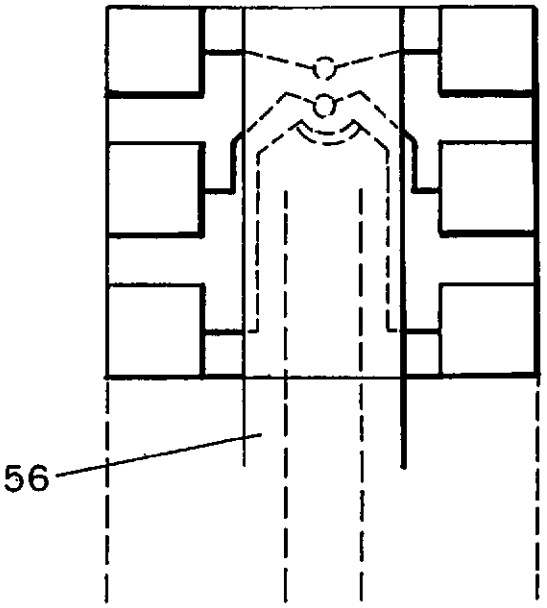


Fig. 5C

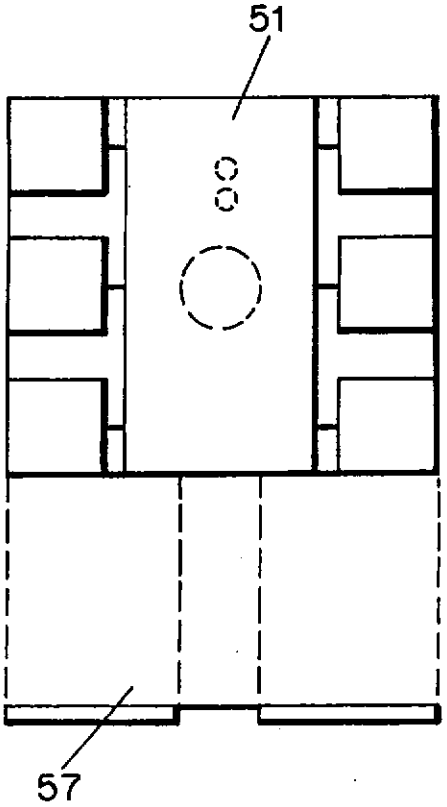


Fig. 5D

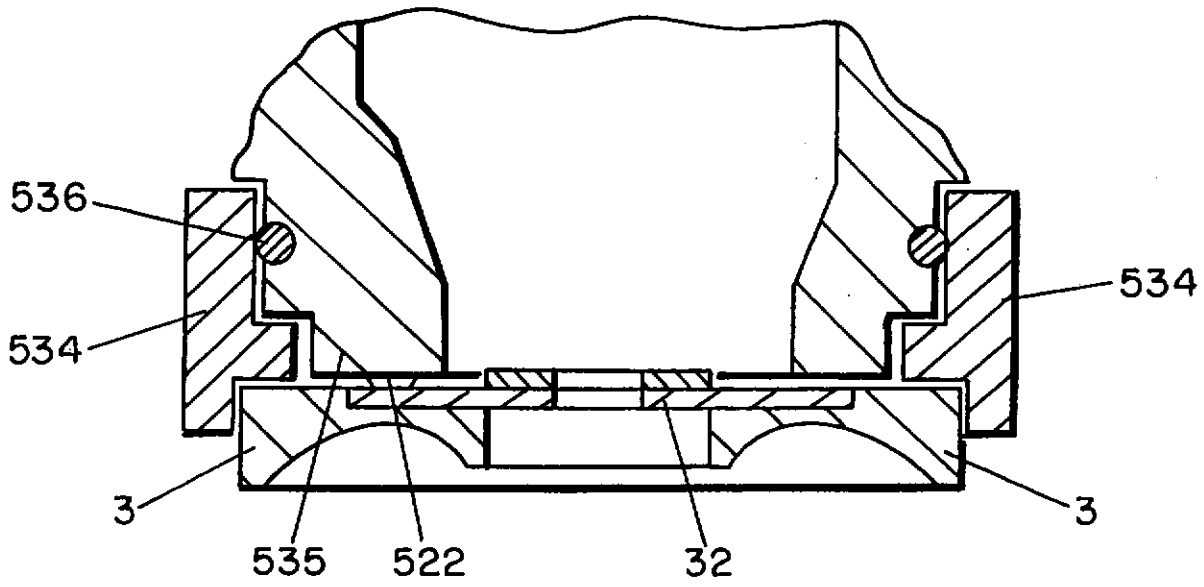


Fig. 6A

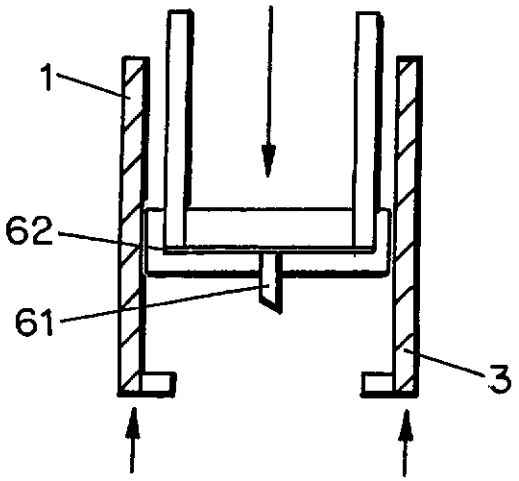


Fig. 6B

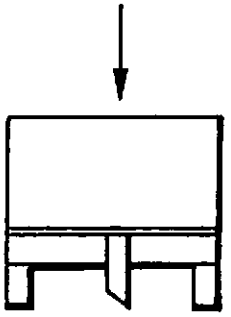


Fig. 6C

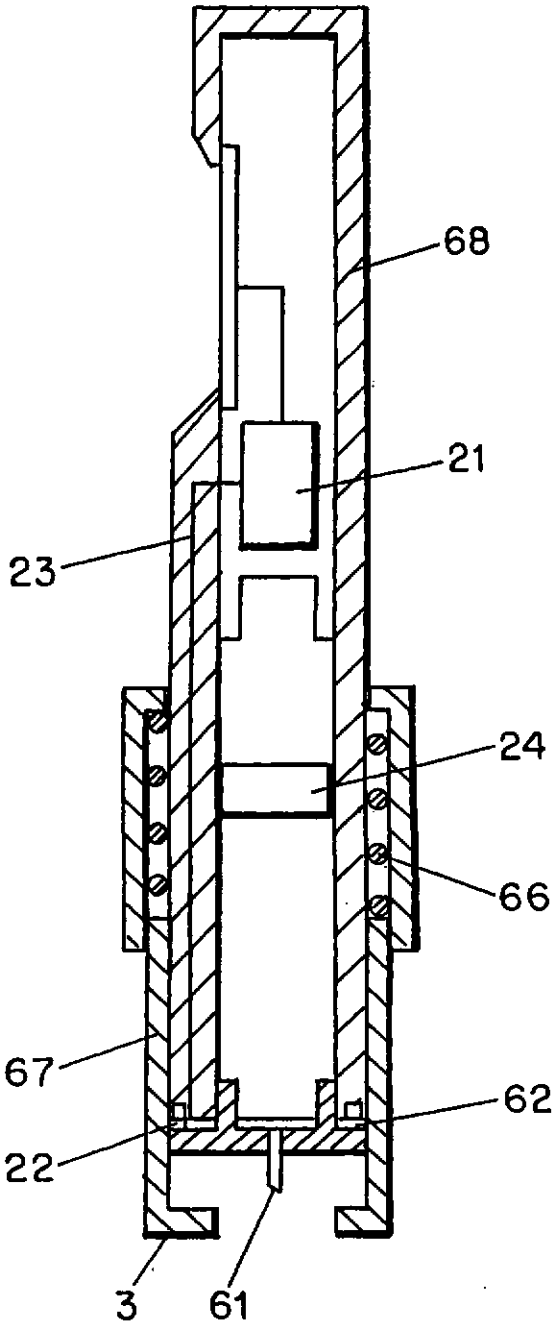


Fig. 7

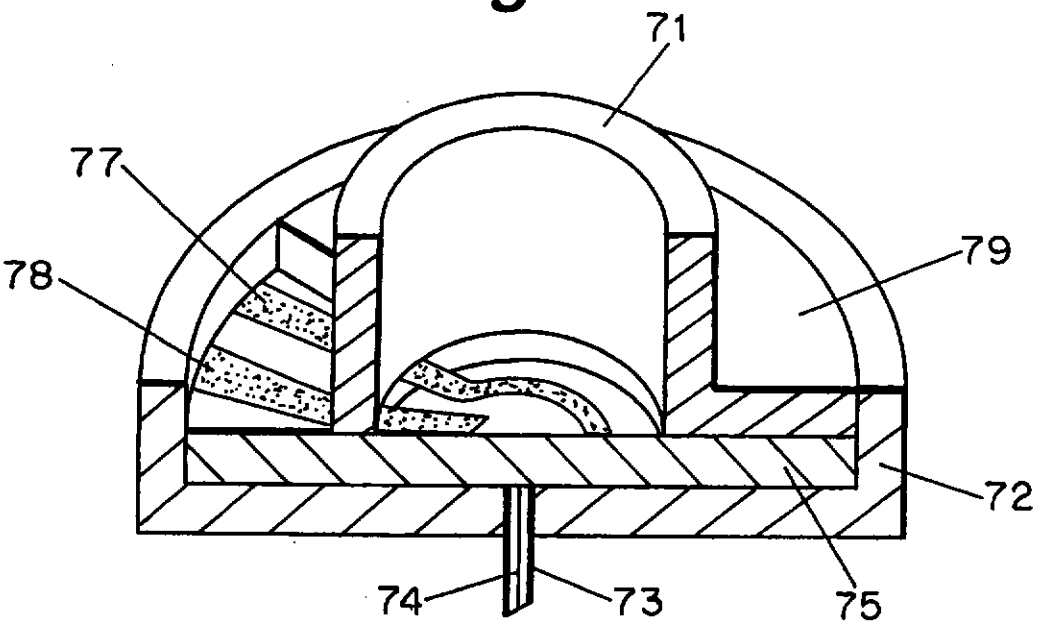


Fig. 8A

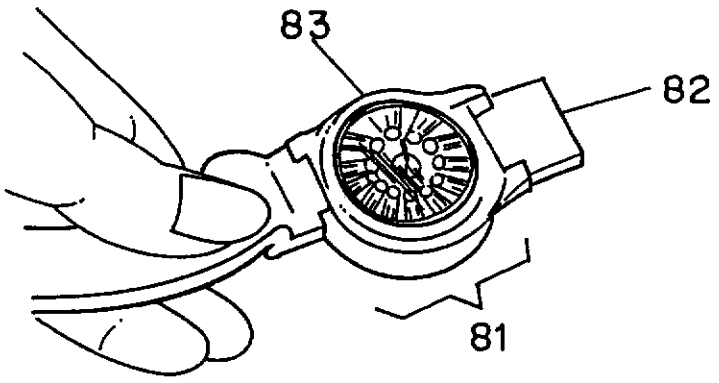


Fig. 8B

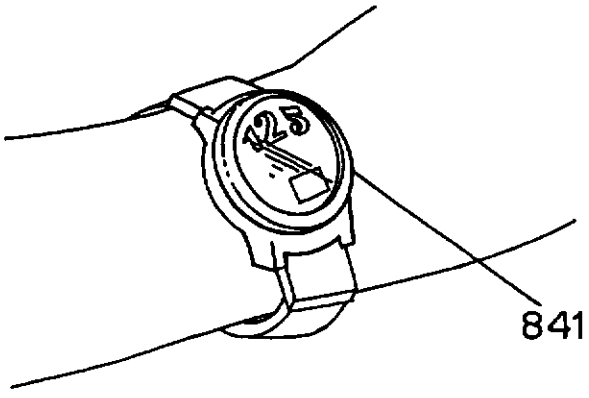


Fig. 8C

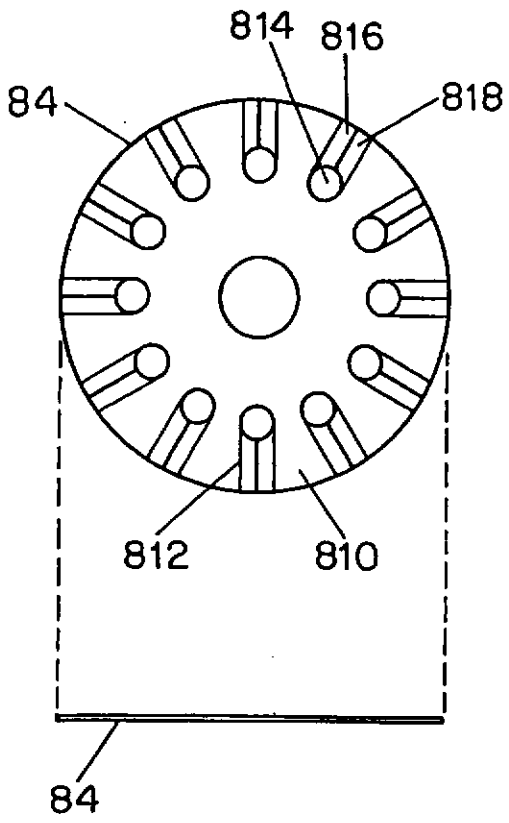


Fig. 8D

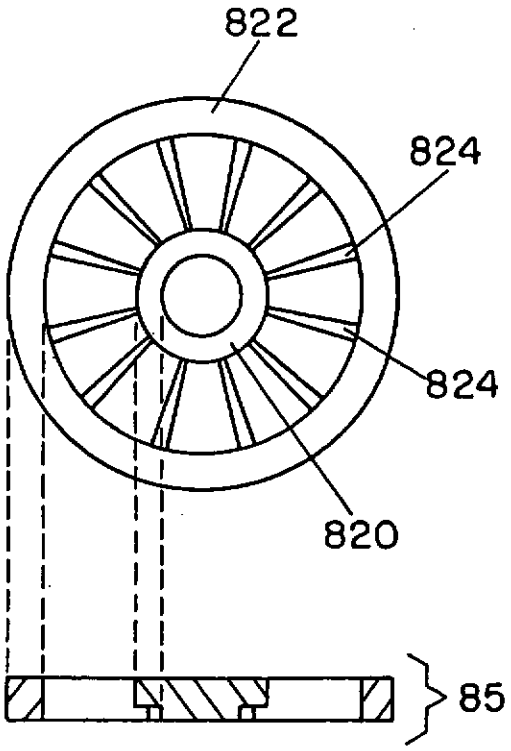


Fig. 8E

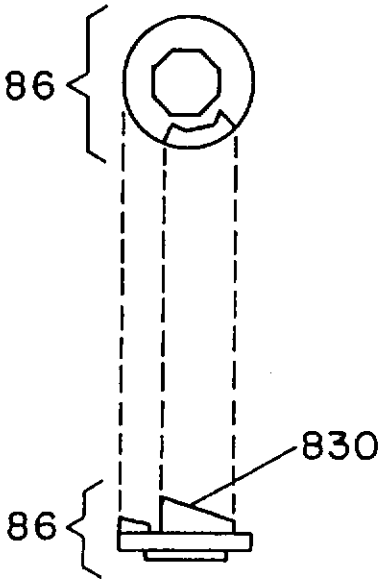


Fig. 8F

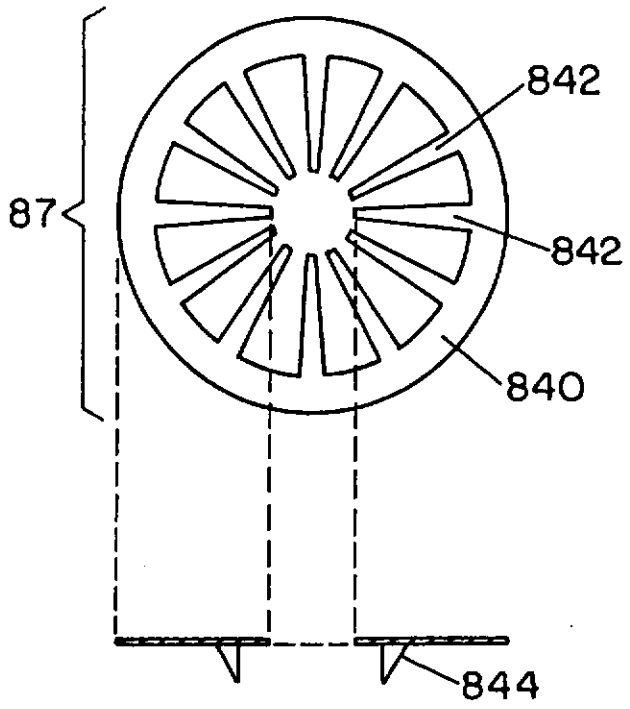


Fig. 8G

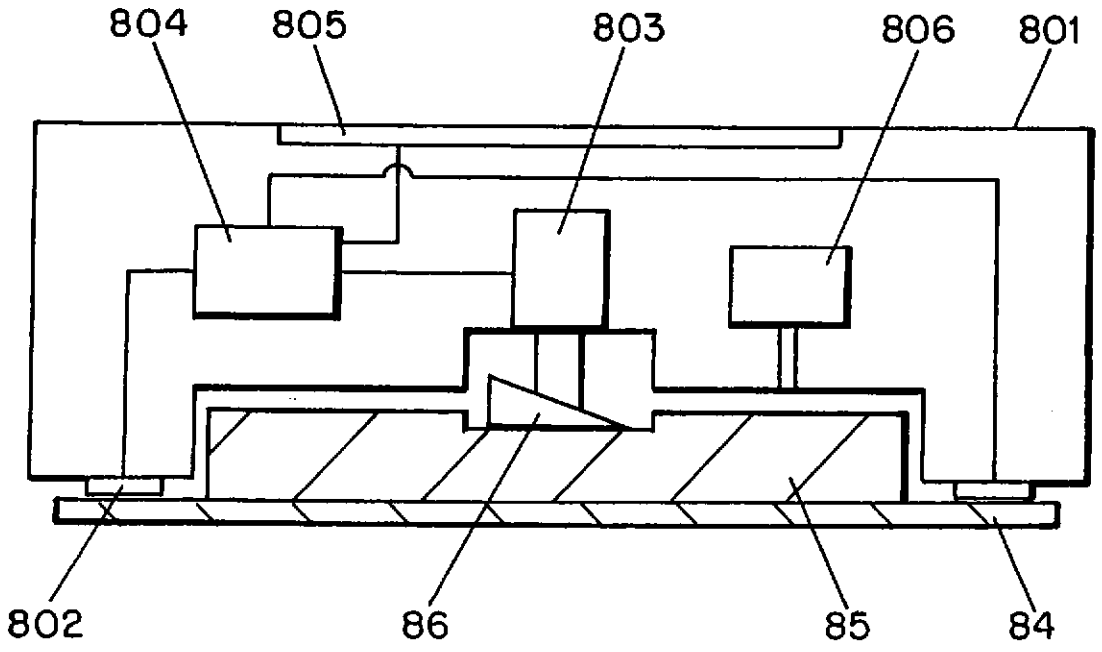


Fig. 9A

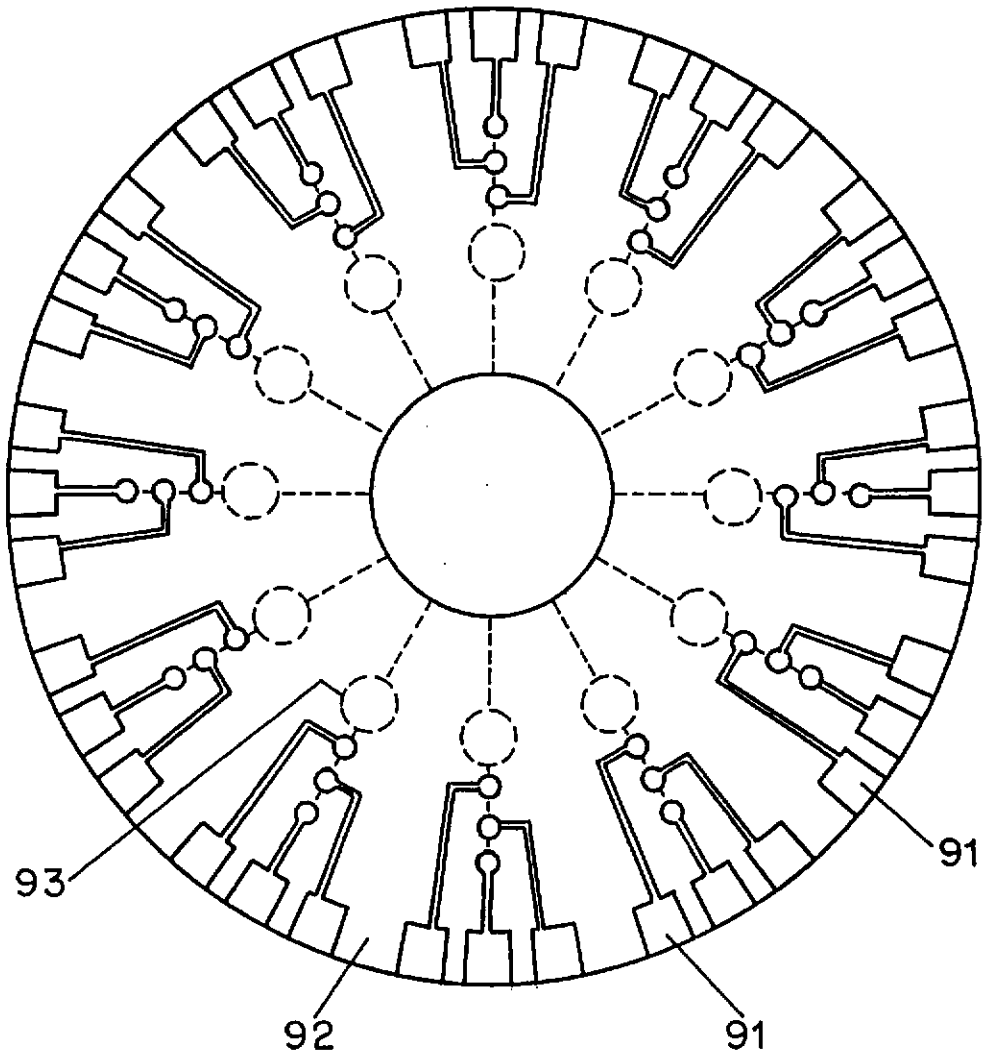
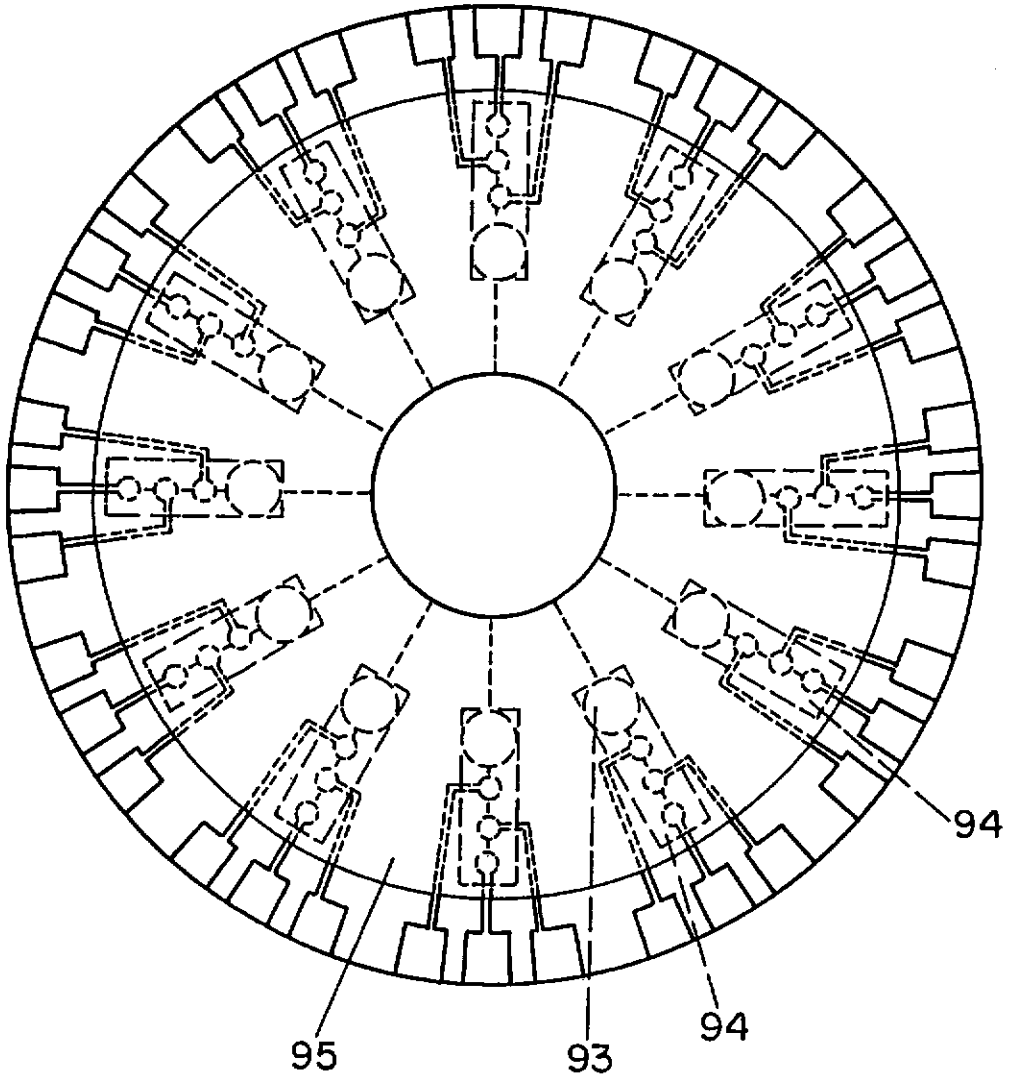


Fig. 9B



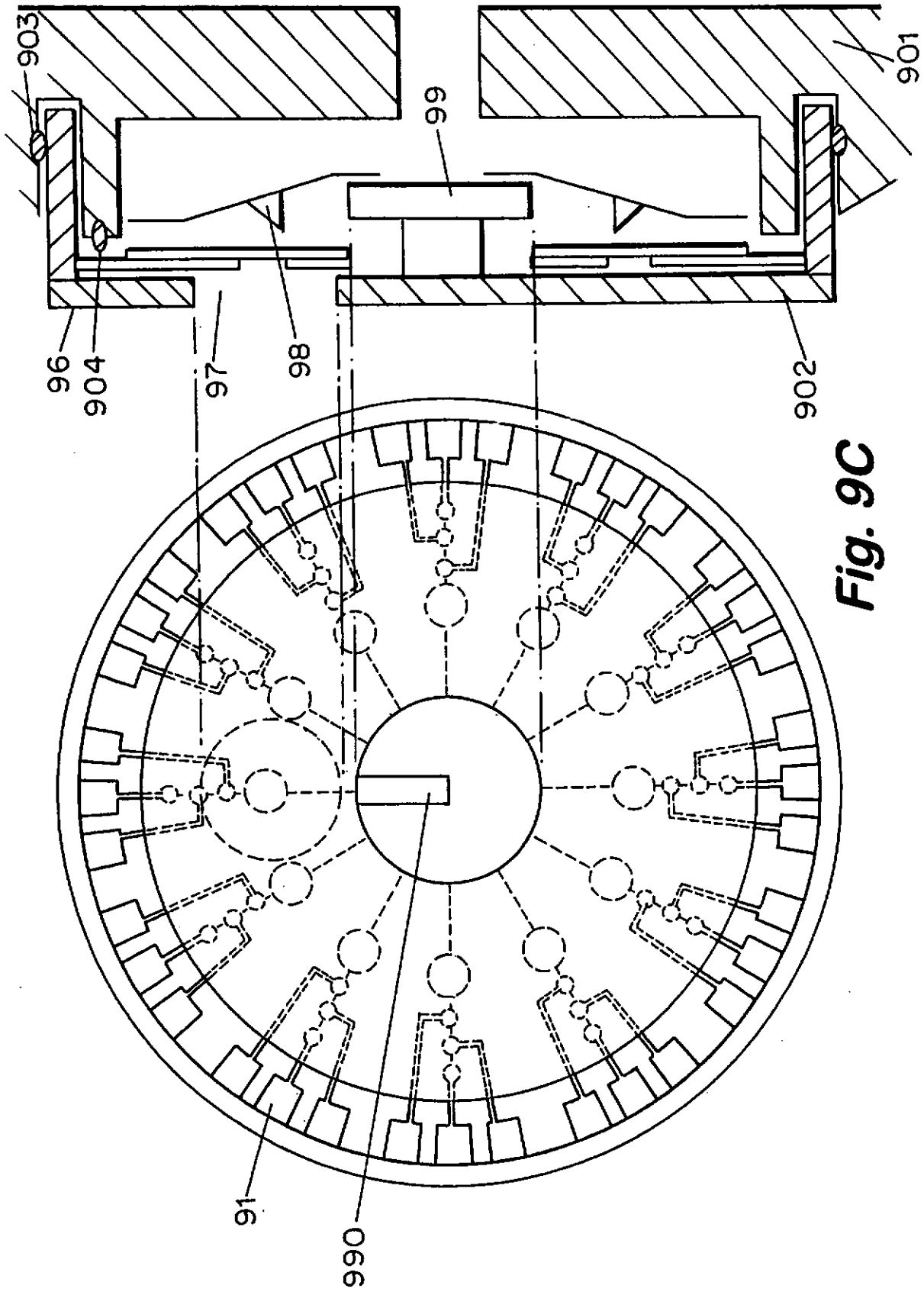
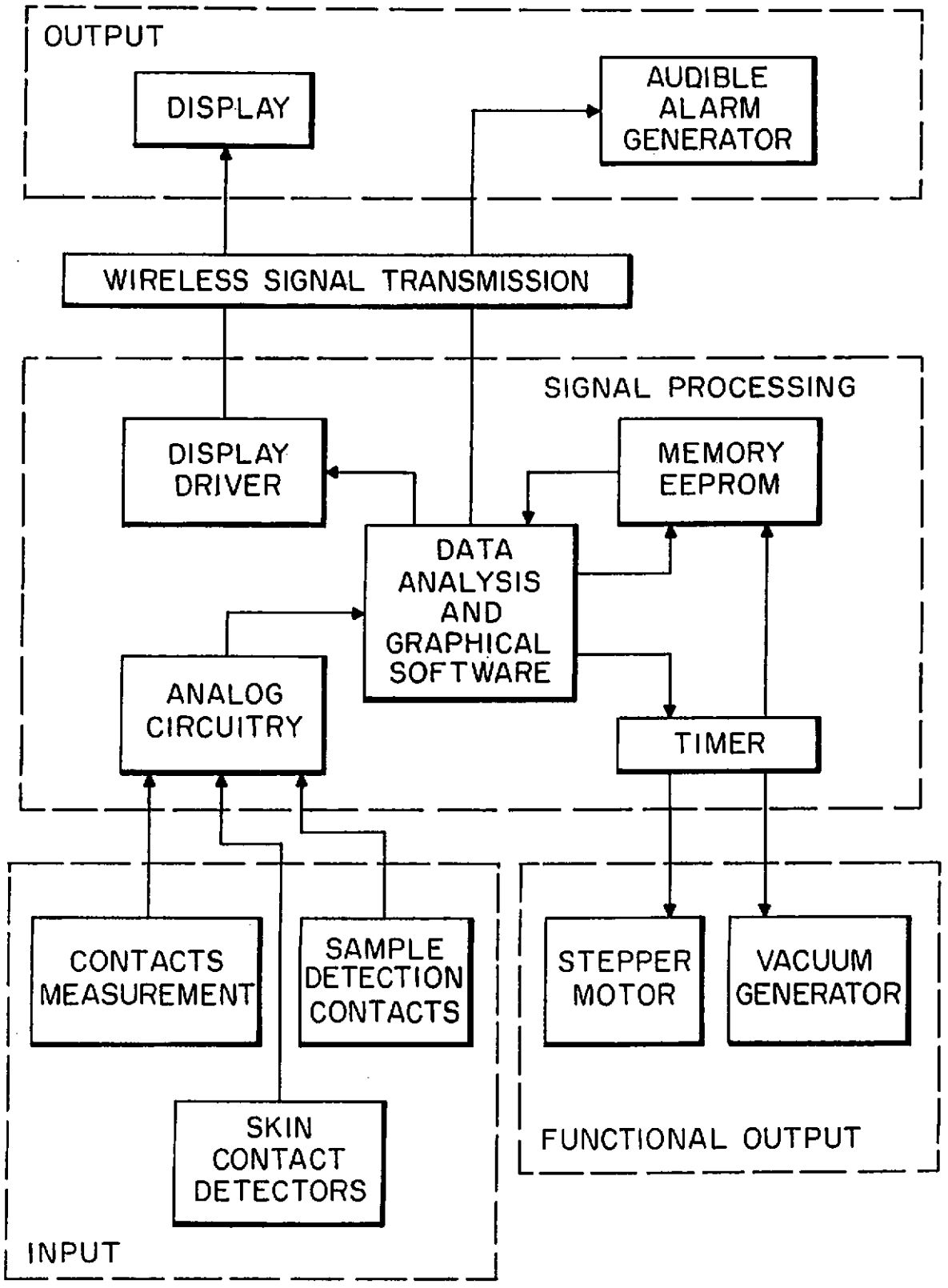


Fig. 9C

Fig. 10


OUTPUT
DISPLAY
AUDIBLE ALARM GENERATOR
WIRELESS SIGNAL TRANSMISSION
SIGNAL PROCESSING
DISPLAY DRIVER
MEMORY EEPROM
DATA ANALYSIS AND GRAPHICAL SOFTWARE
ANALOG CIRCUITRY
TIMER
CONTACTS MEASUREMENT
SAMPLE DETECTION CONTACTS
SKIN CONTACT DETECTORS
INPUT
STEPPER MOTOR
VACUUM GENERATOR
FUNCTIONAL OUTPUT