

ABSTRACT

ELECTROSTATIC LATENT IMAGE-DEVELOPING DEVICE
AND TONER CARTRIDGE USED THEREFOR

An electrostatic latent image-developing device comprises a toner cartridge provided with a container having a toner discharge opening, a toner contained in said container and a sealing tape for sealing said toner discharge opening, and a toner cartridge-holding means having a toner-receiving opening and allowing detachably to mount said toner cartridge. The toner cartridge is equipped with a shutter member that is disposed on one edge side of the toner discharge opening and is so constituted as to move to the other edge side across said toner discharge opening to cover said toner discharge opening. The toner cartridge-holding means is equipped with a shutter-moving means which moves the front edge of said shutter member from one edge side to the other edge side of said toner discharge opening.

(Fig. 1)

Fig. 1

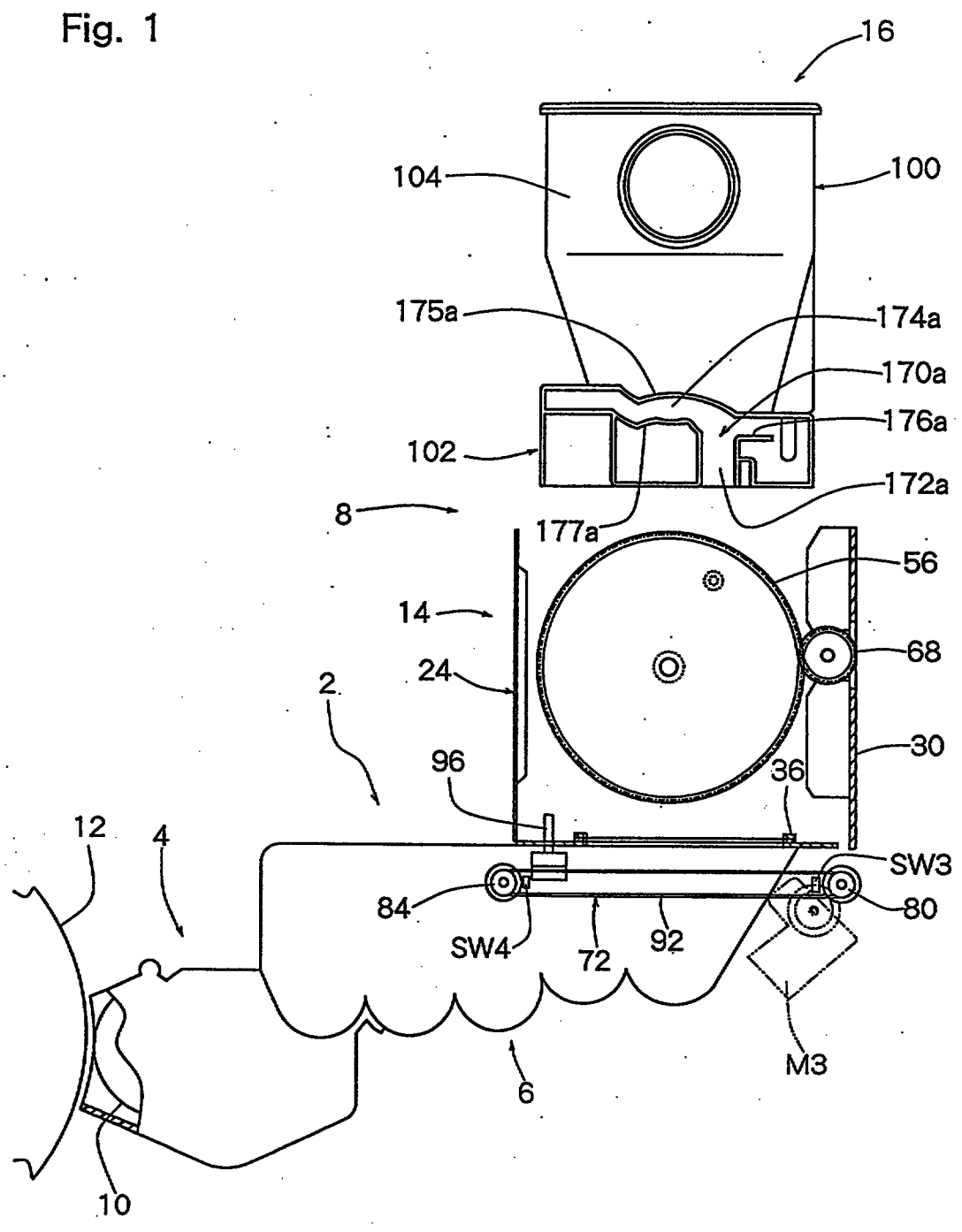


Fig. 2

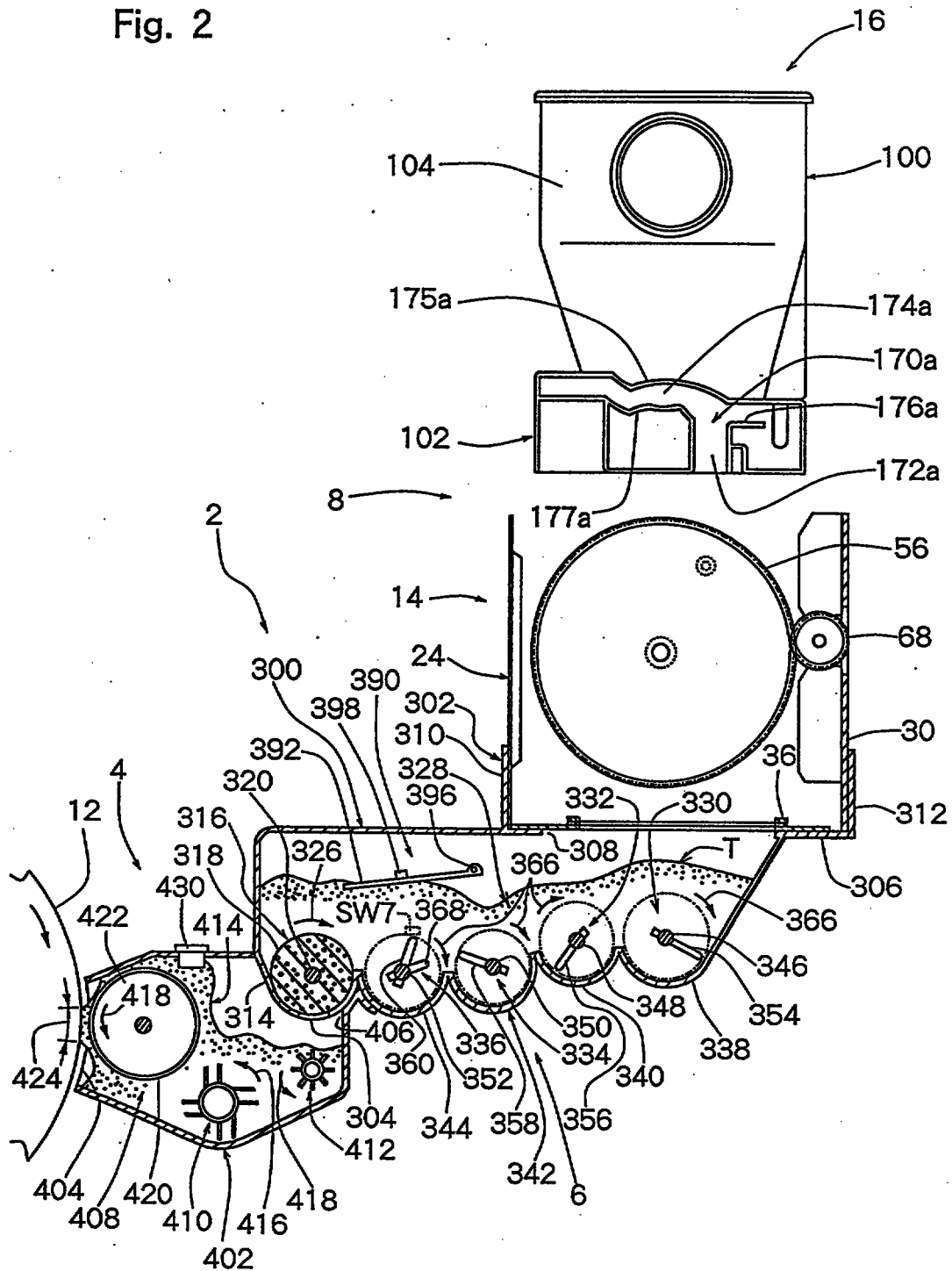


Fig. 3

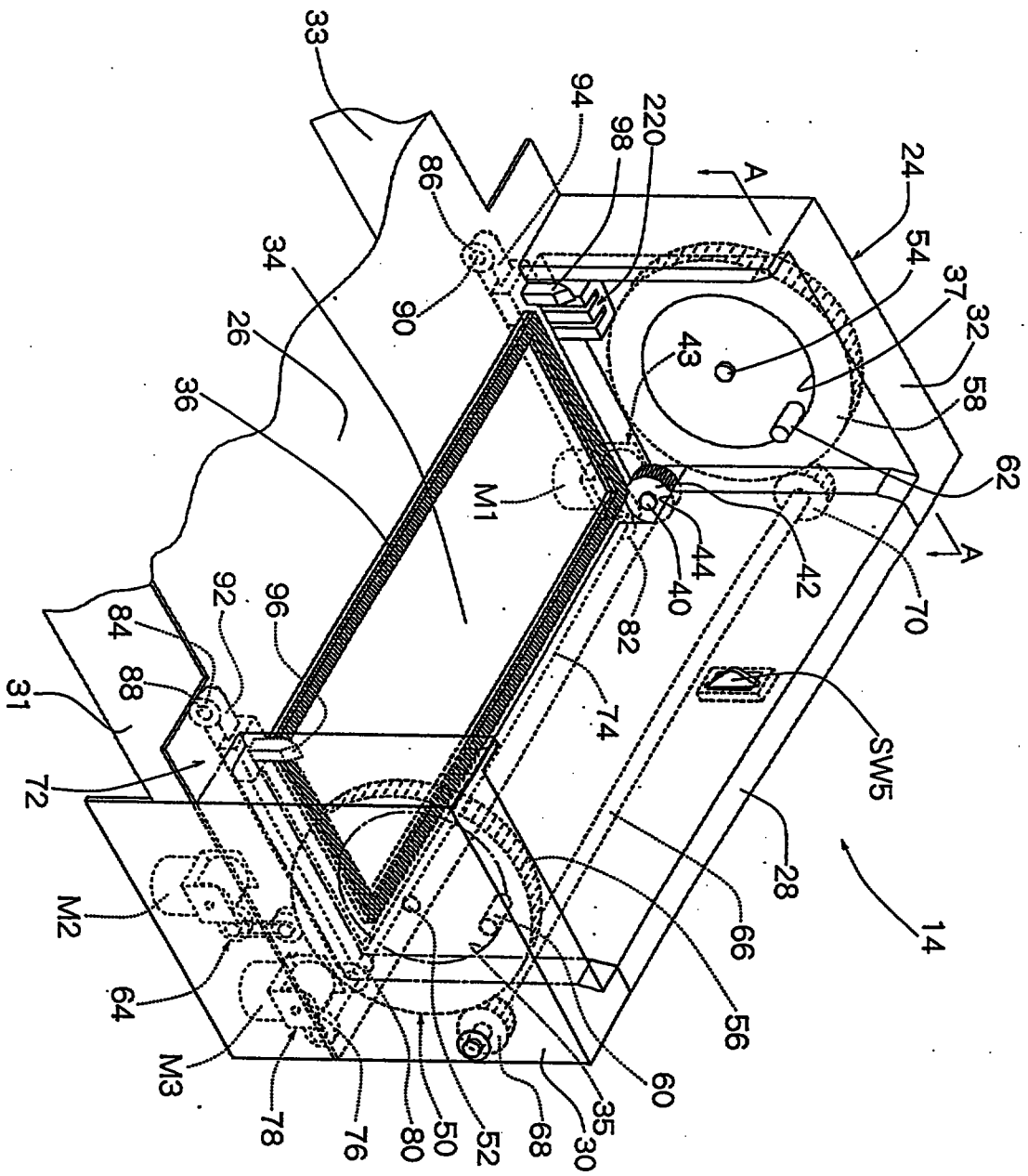


Fig. 4

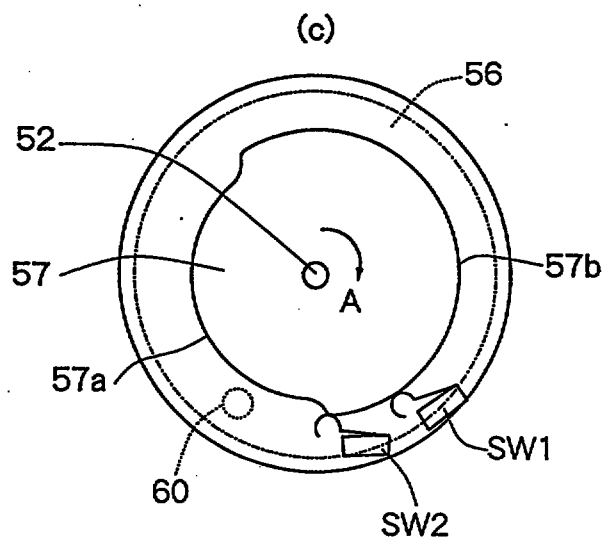
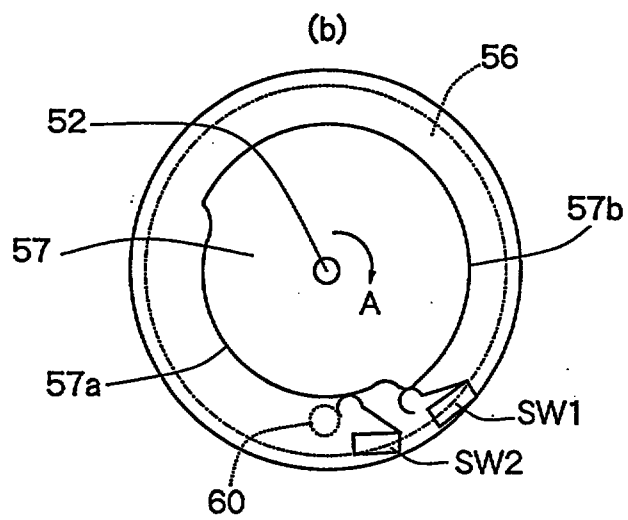
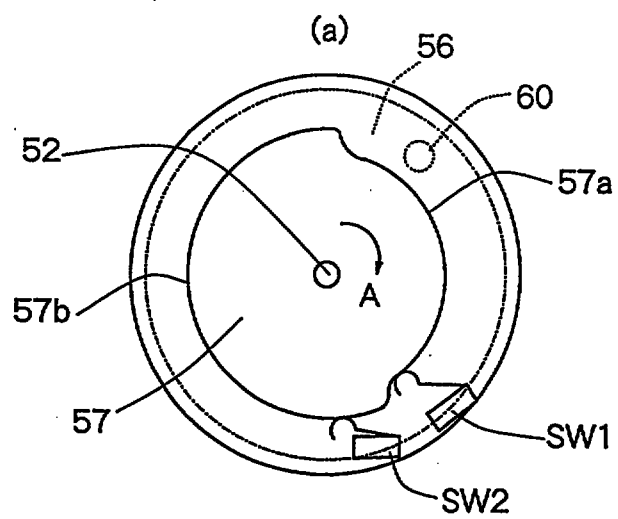
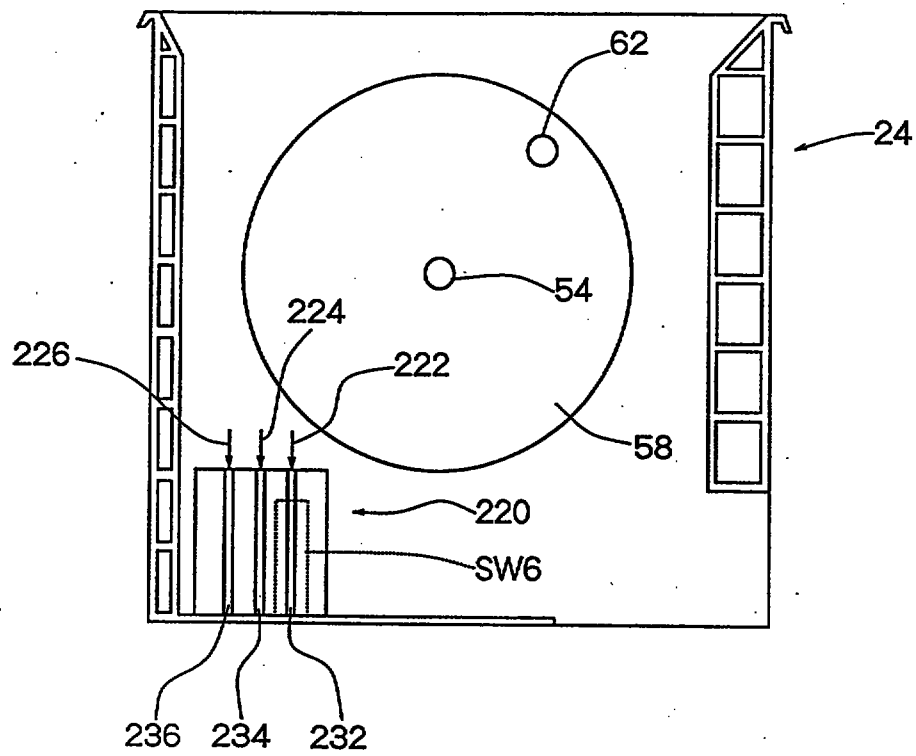


Fig. 5



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Fig. 6

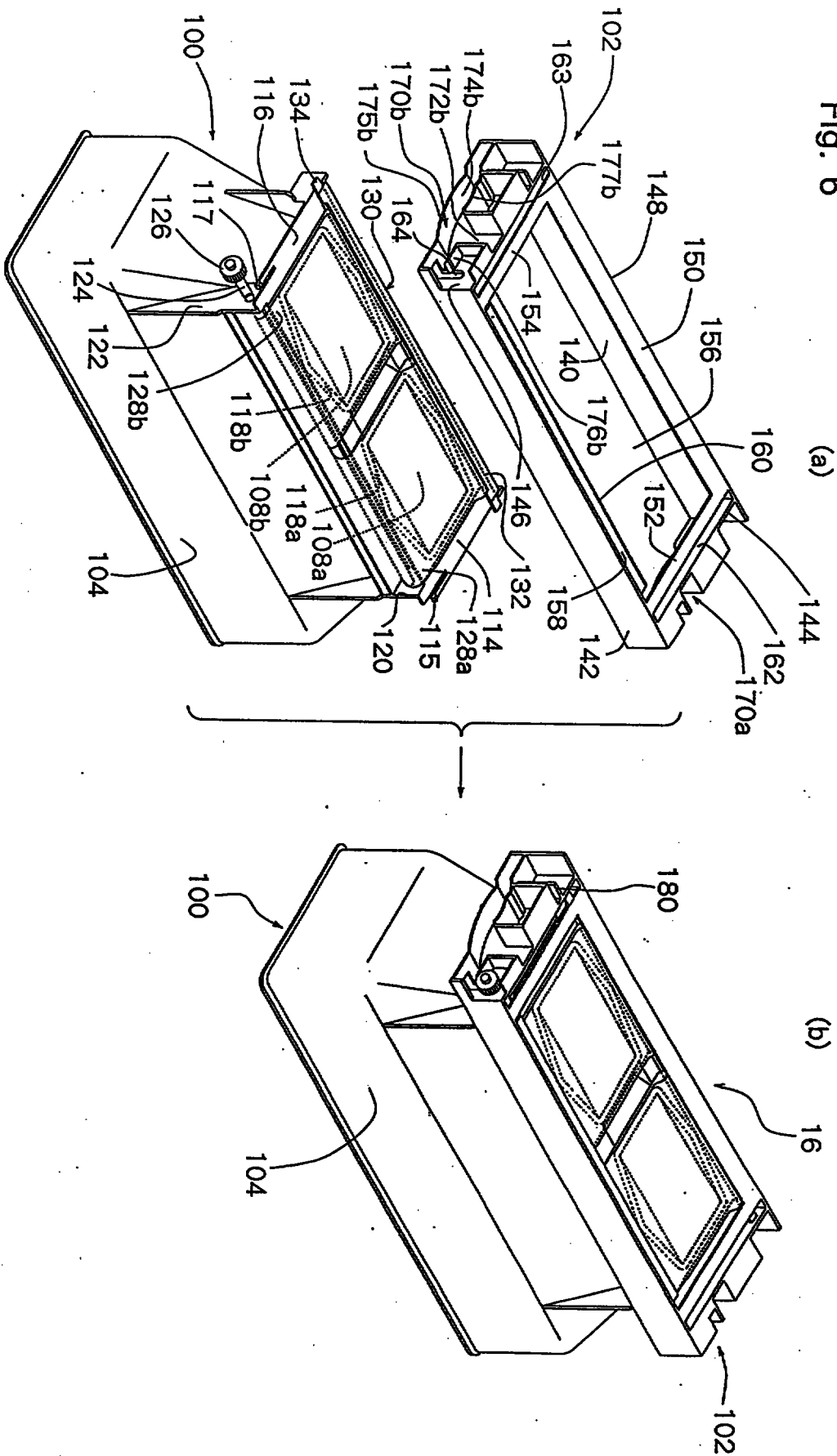


Fig. 7

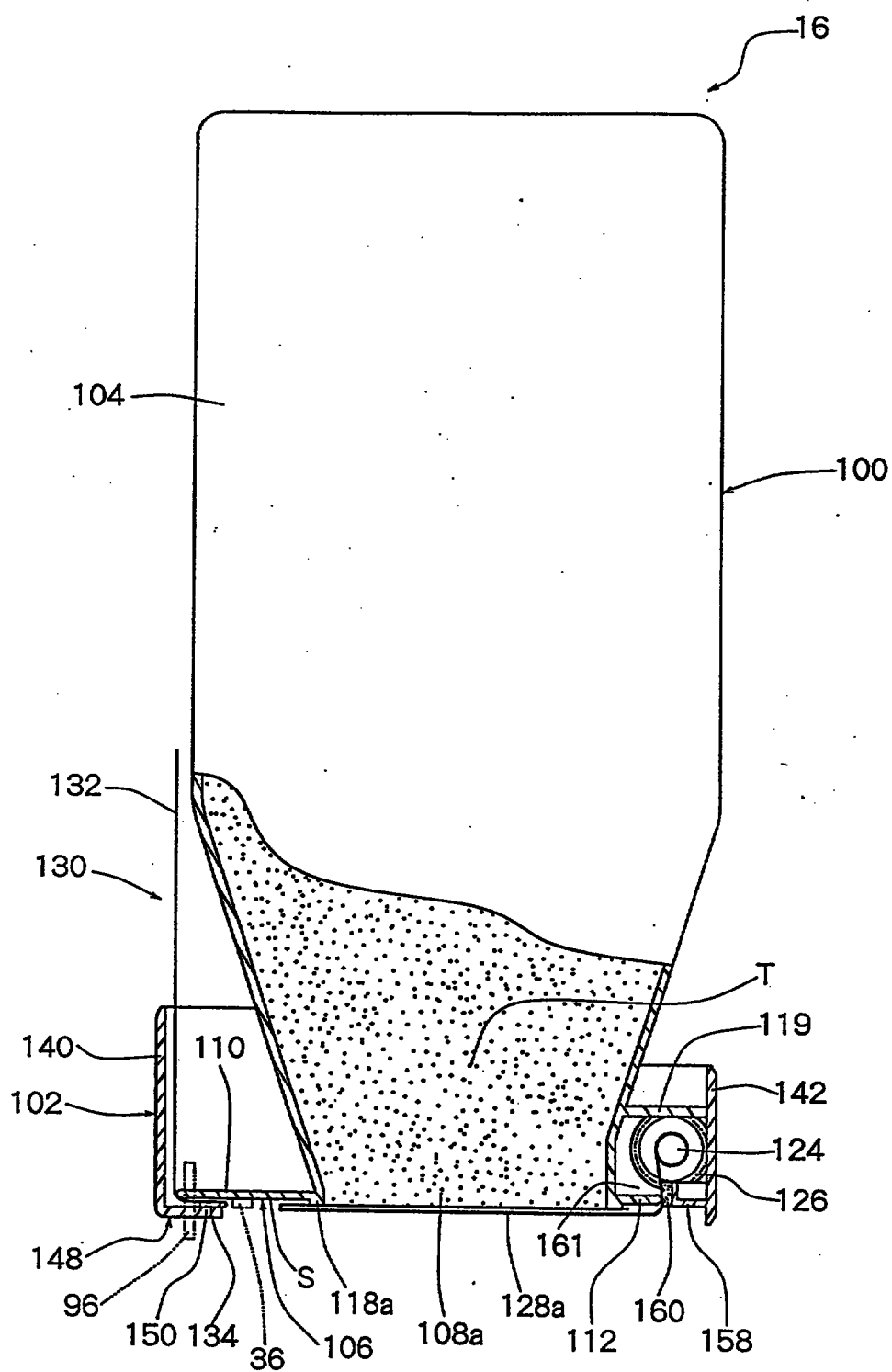


Fig. 8

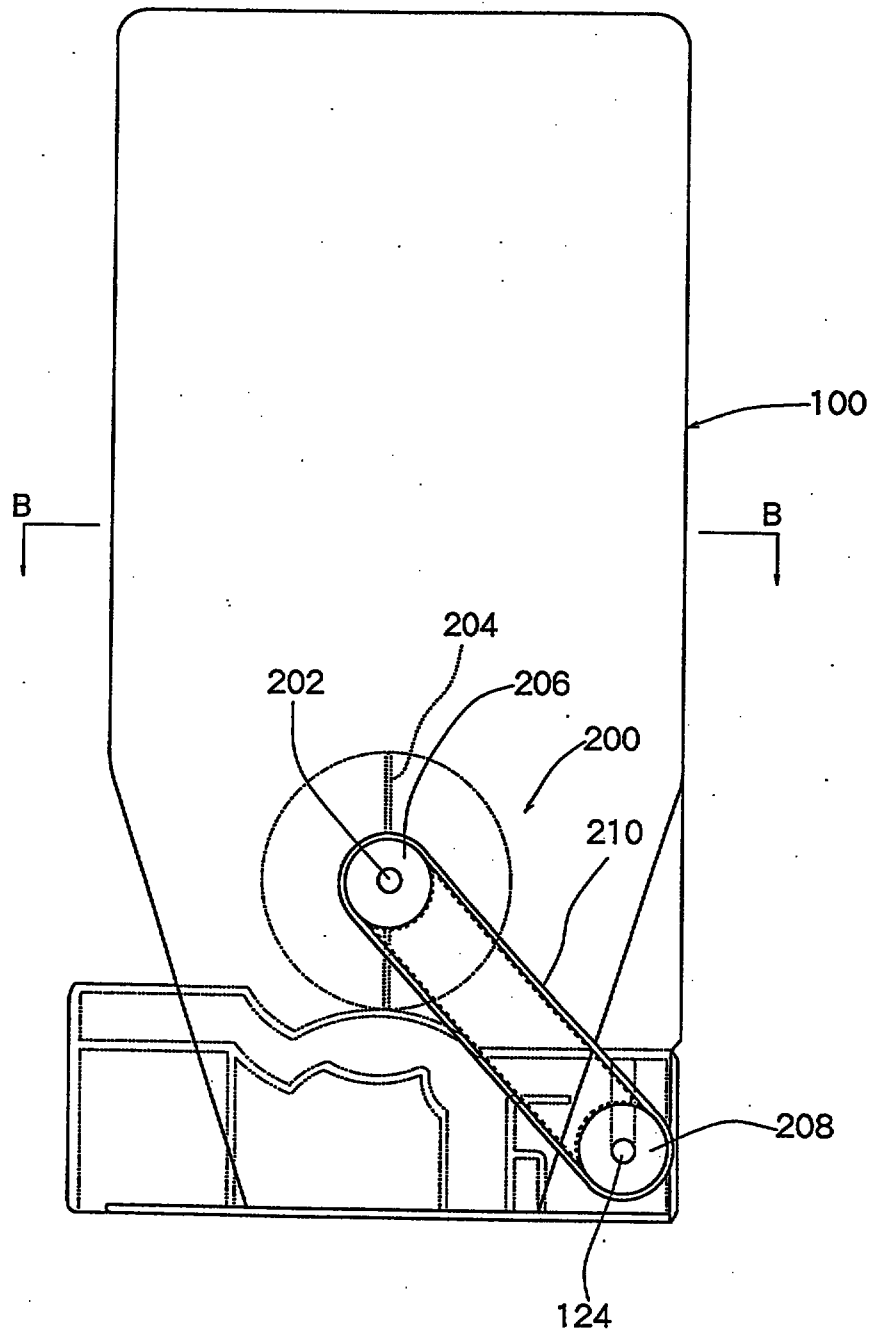


Fig. 9

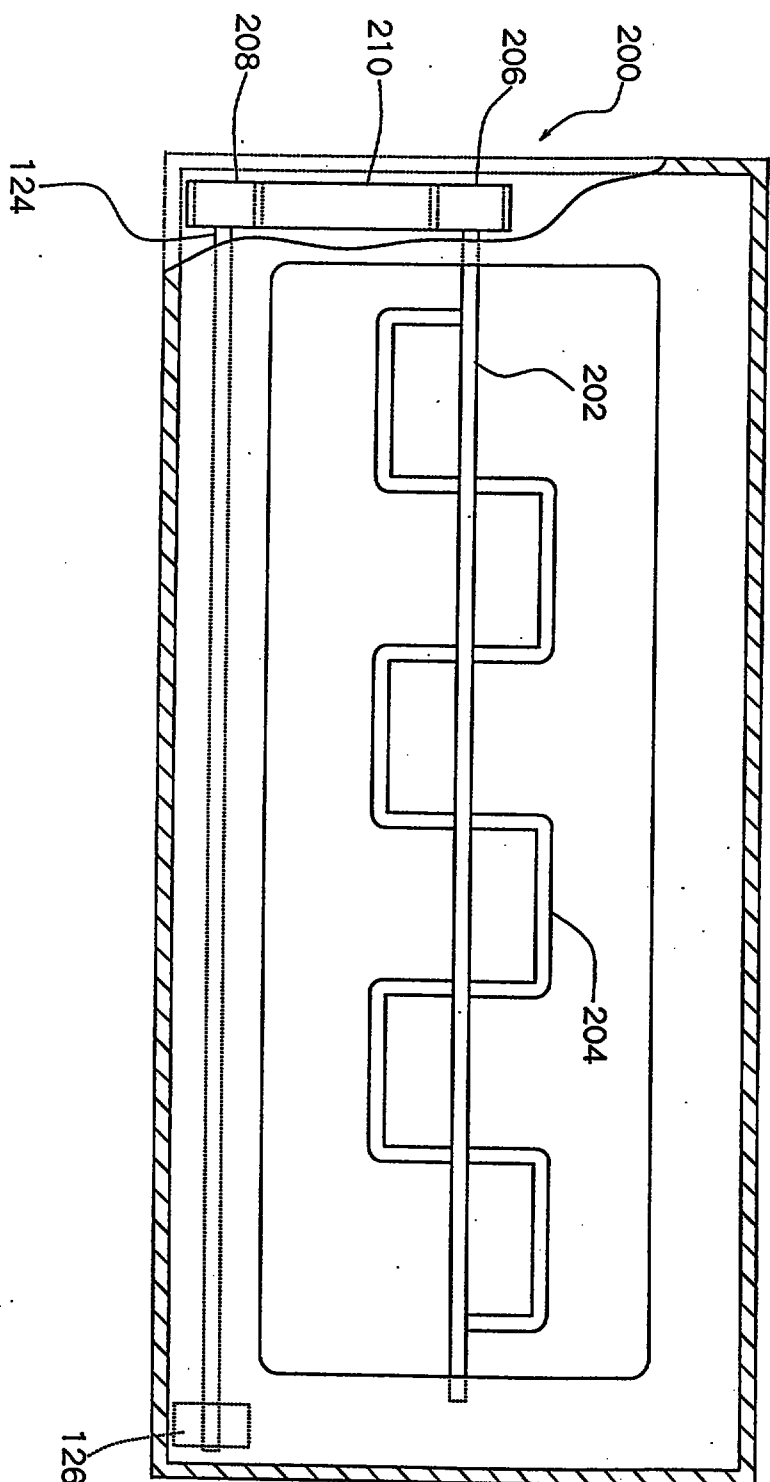


Fig. 10

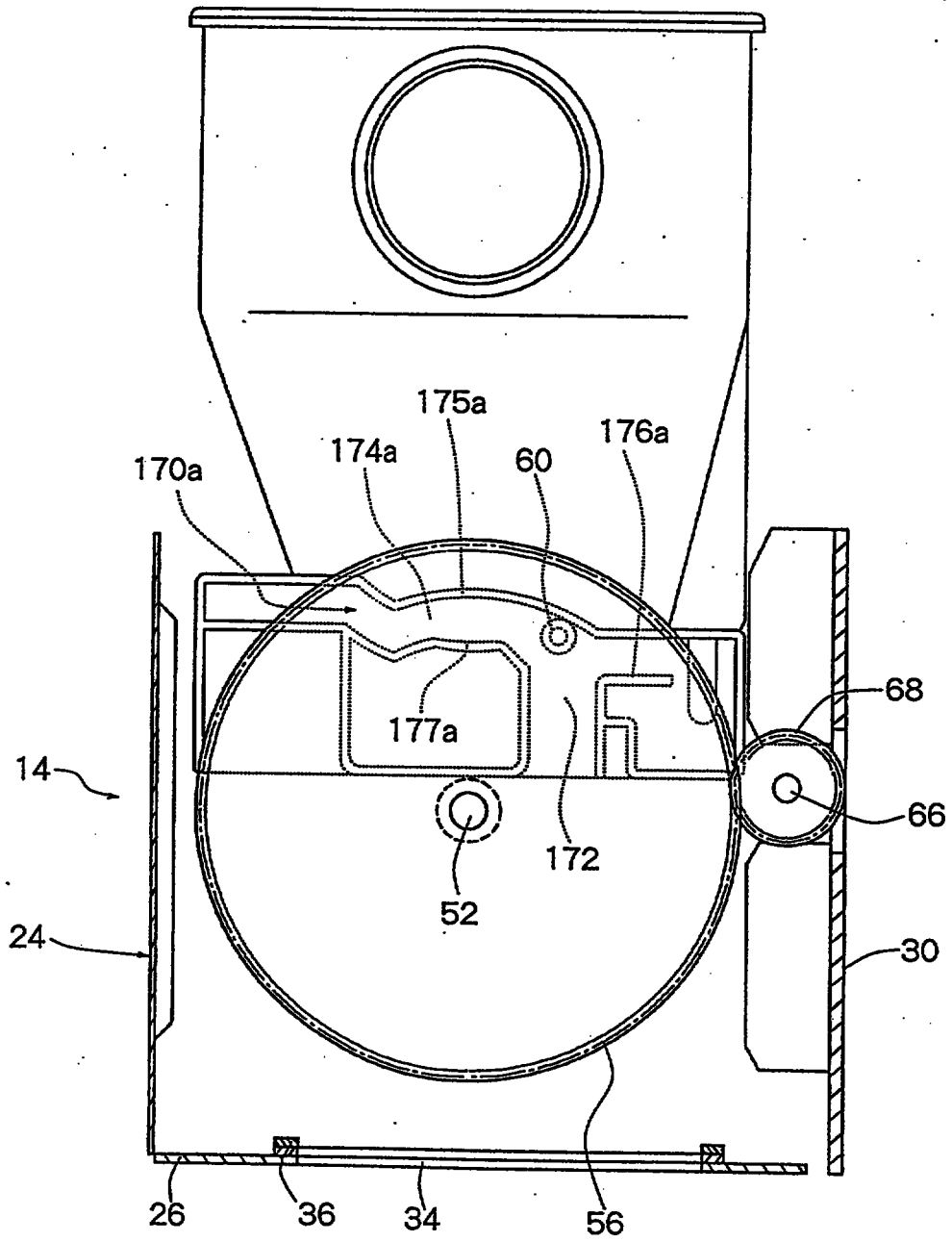


Fig. 11

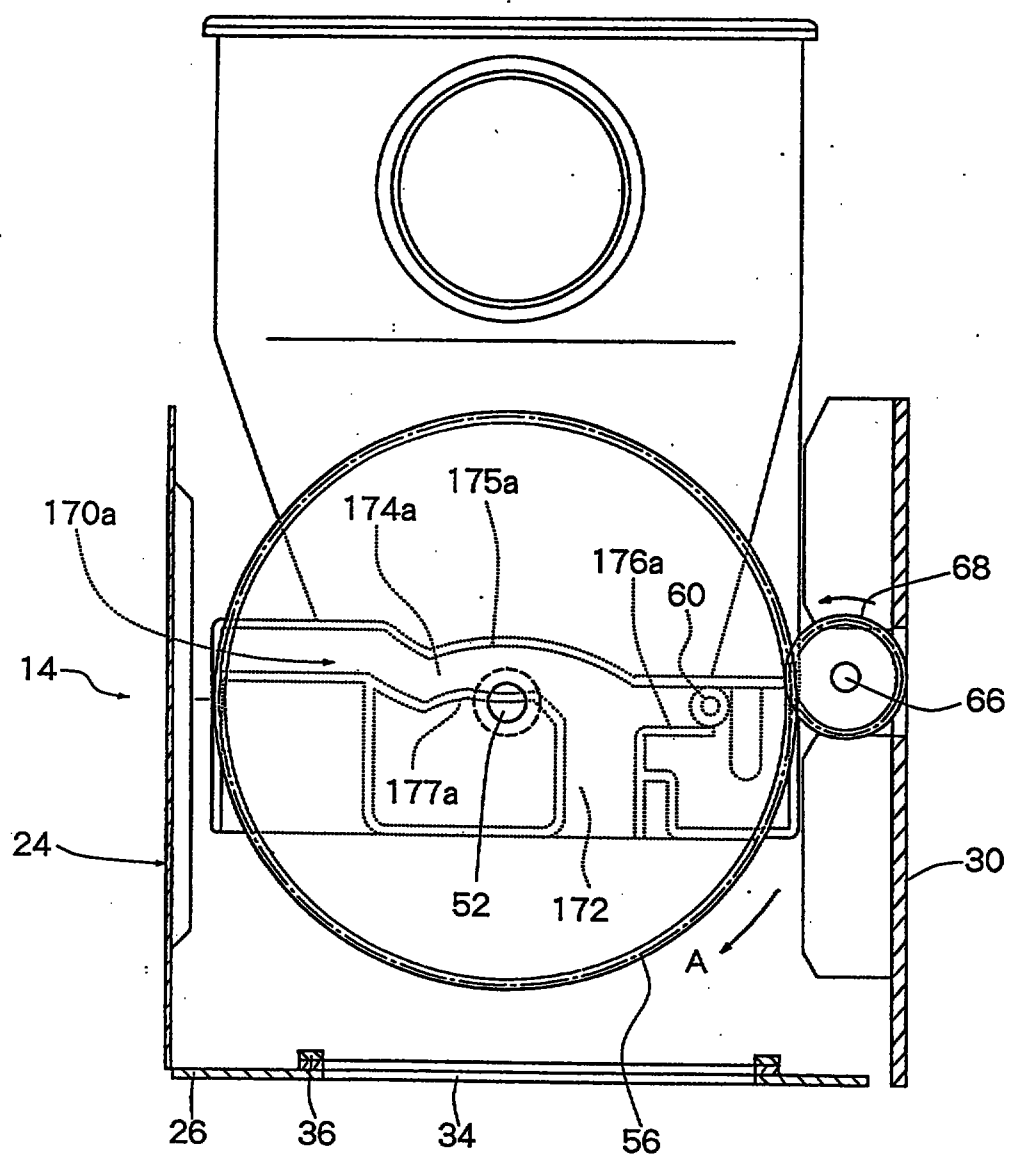


Fig. 12

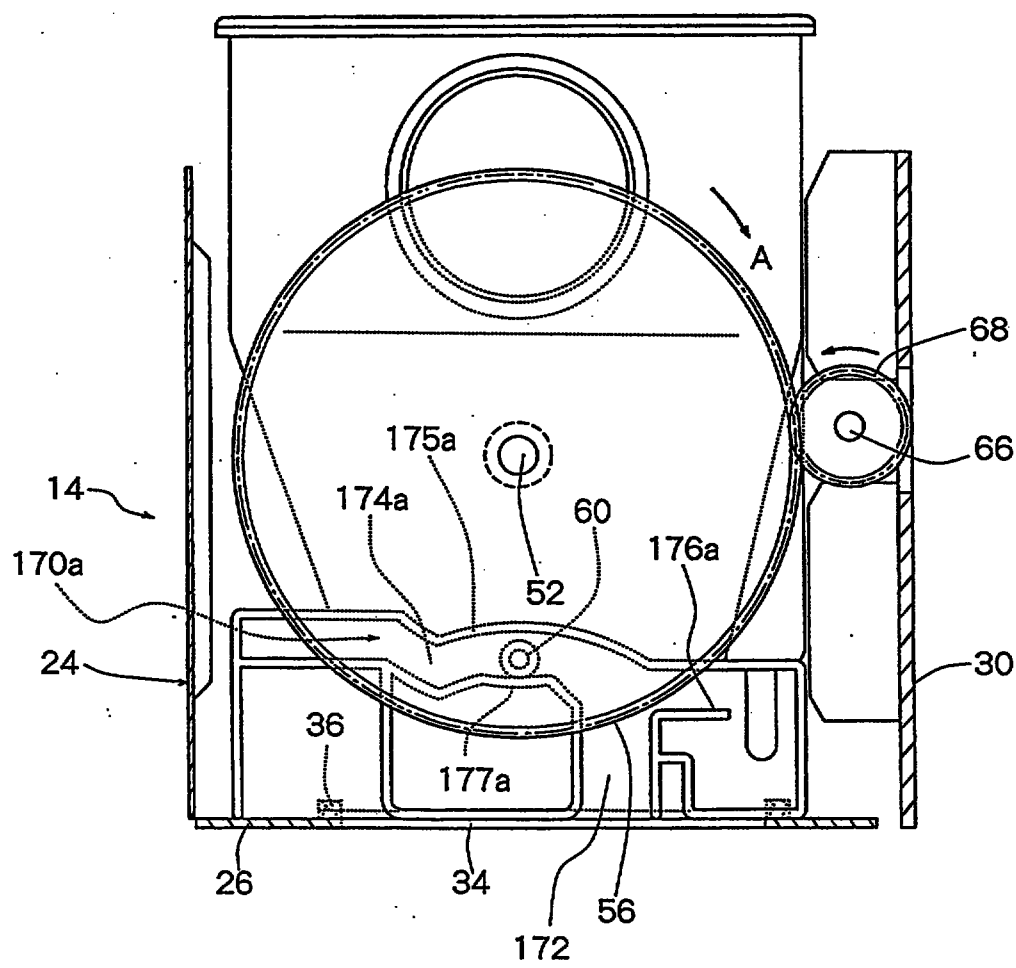


Fig. 13

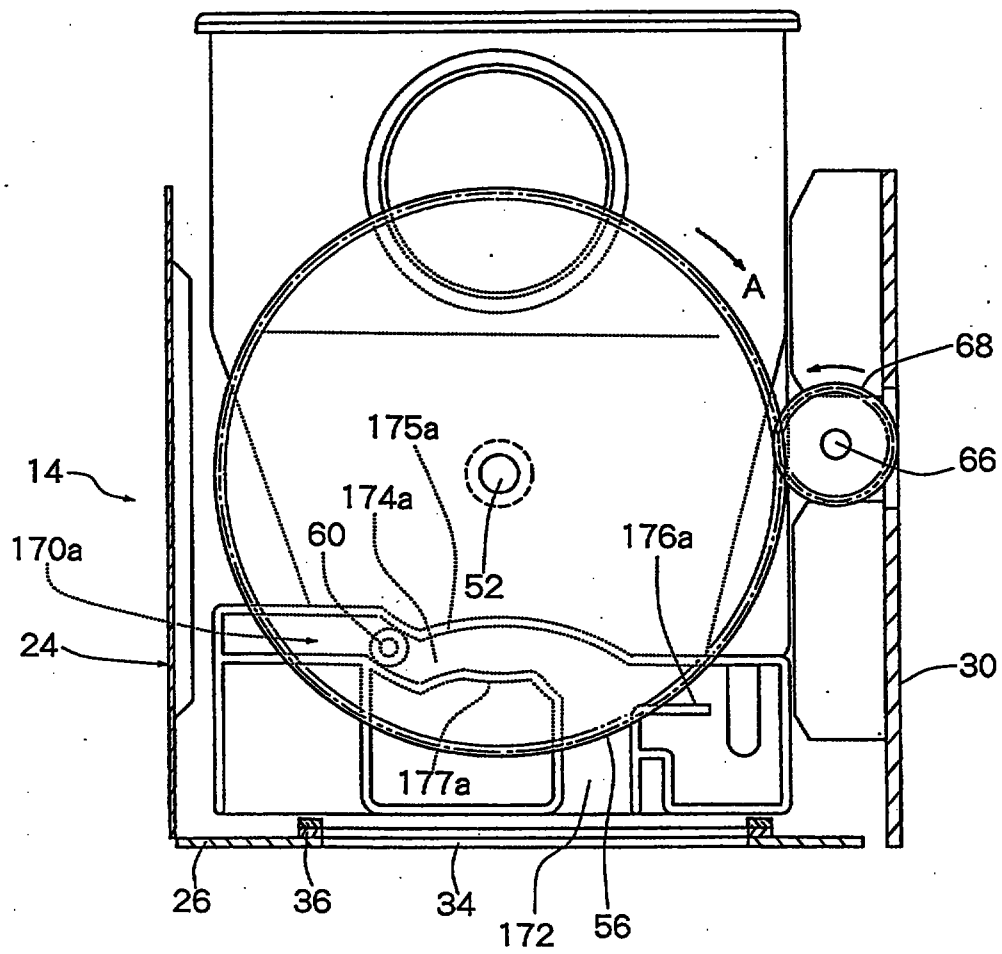


Fig. 14

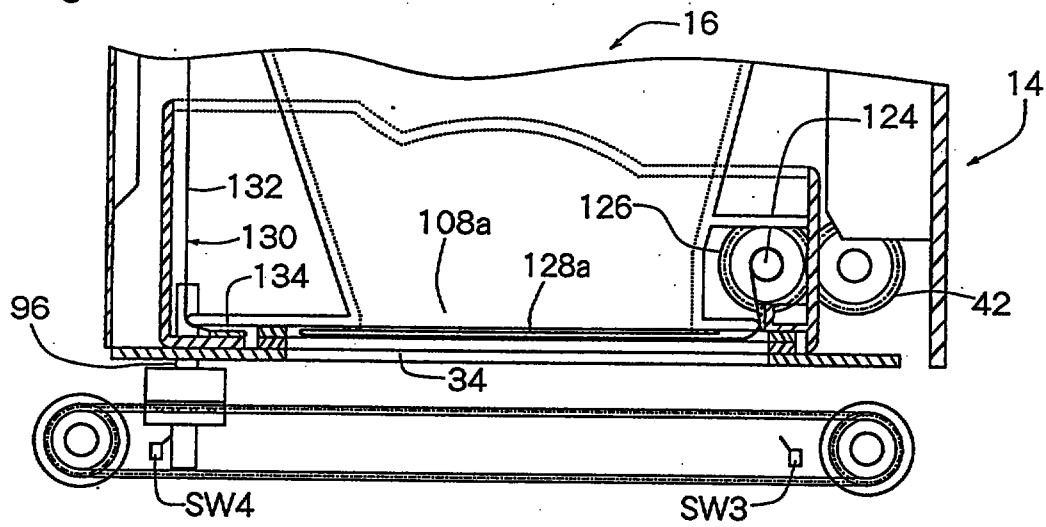


Fig. 15

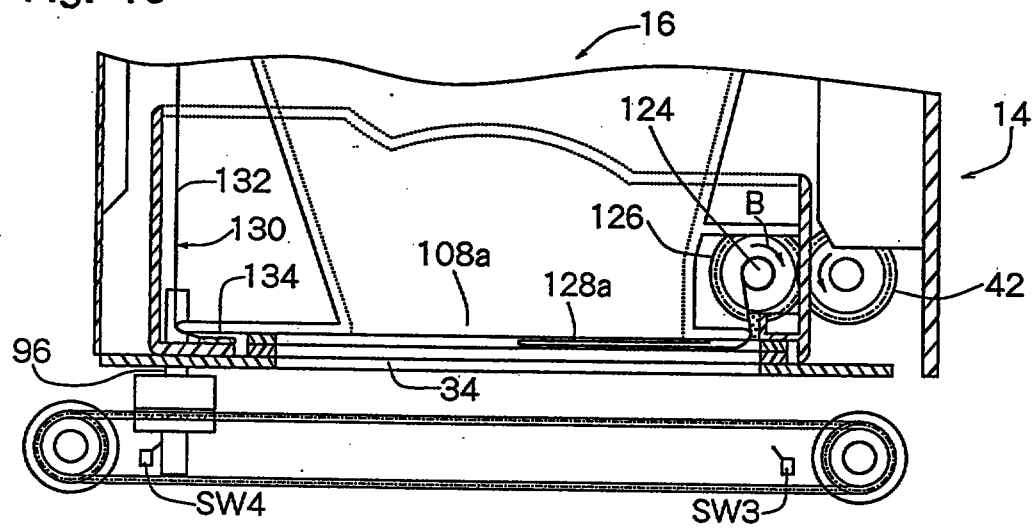


Fig. 16

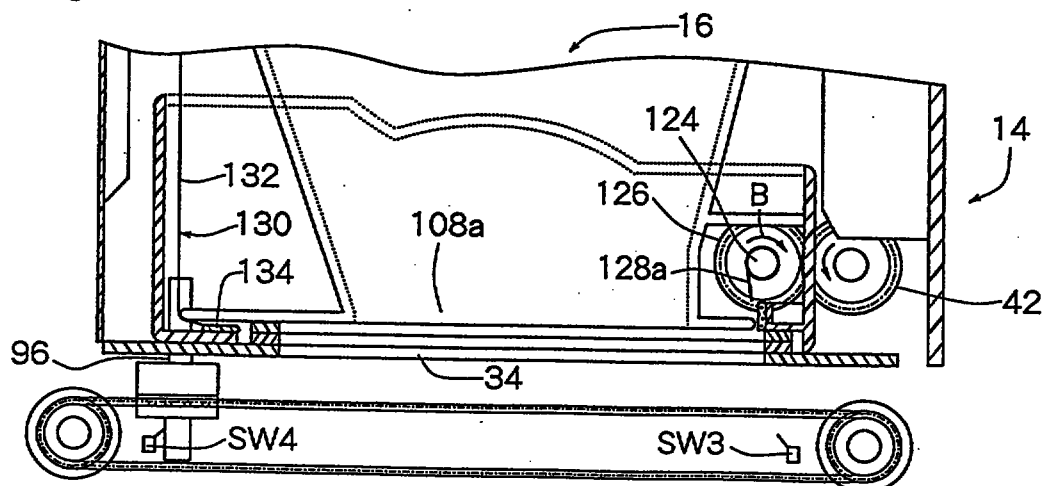


Fig. 17

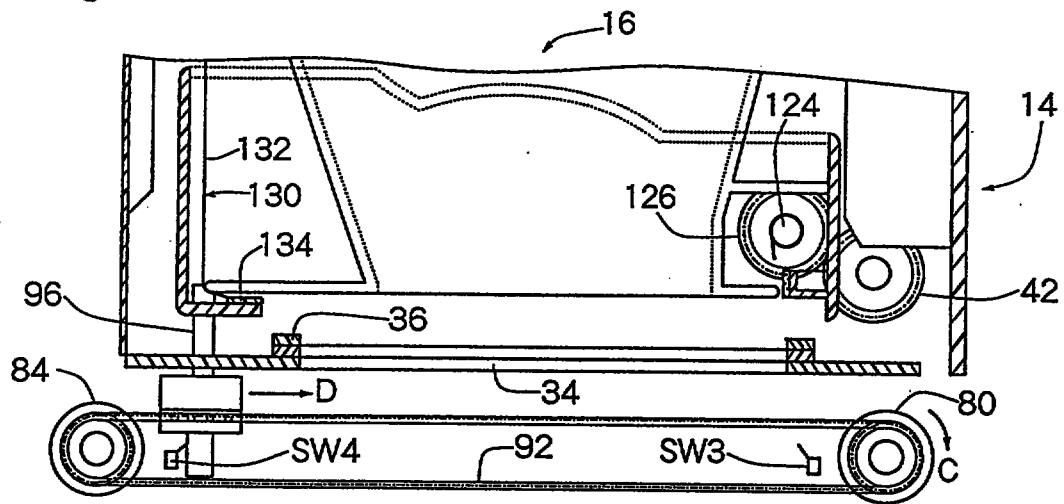


Fig. 18

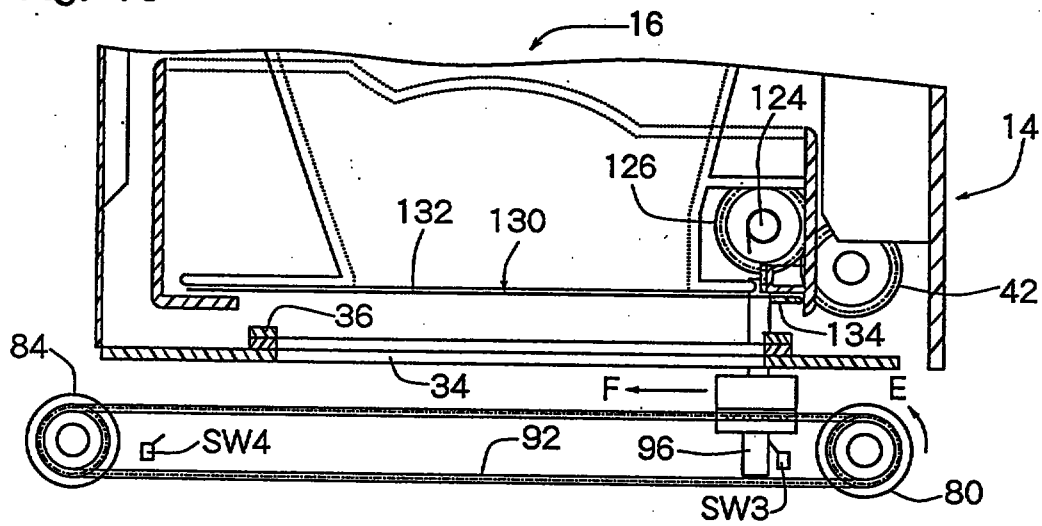


Fig. 19

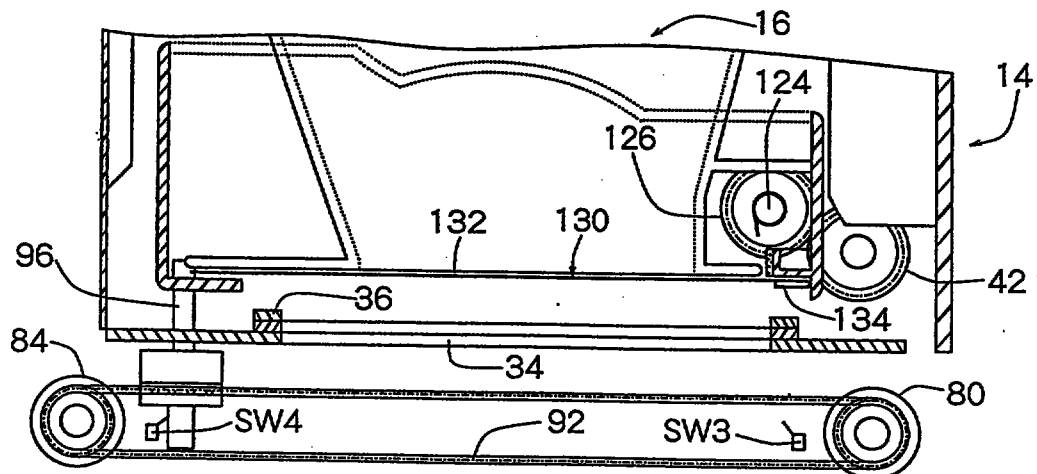


Fig. 20

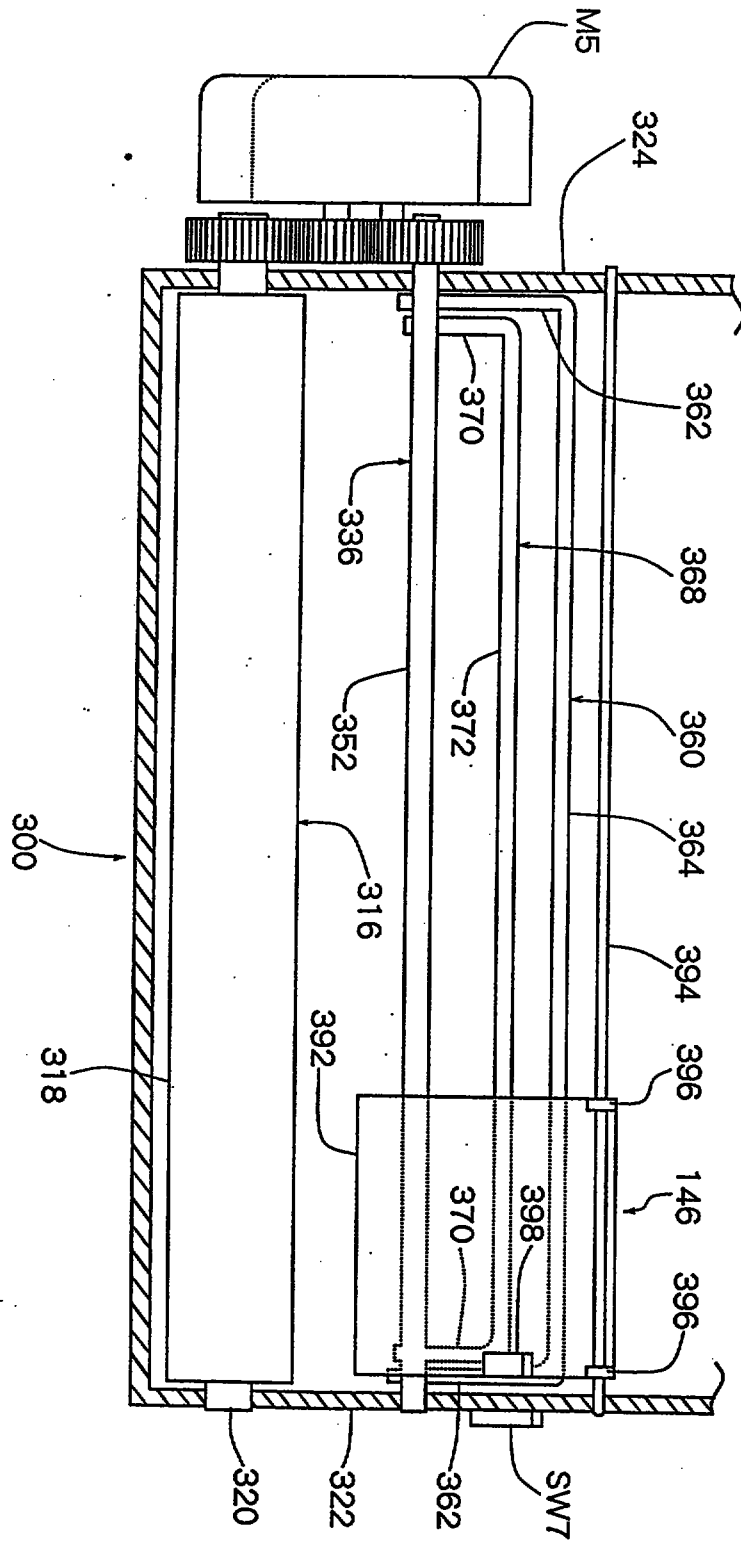


Fig. 21

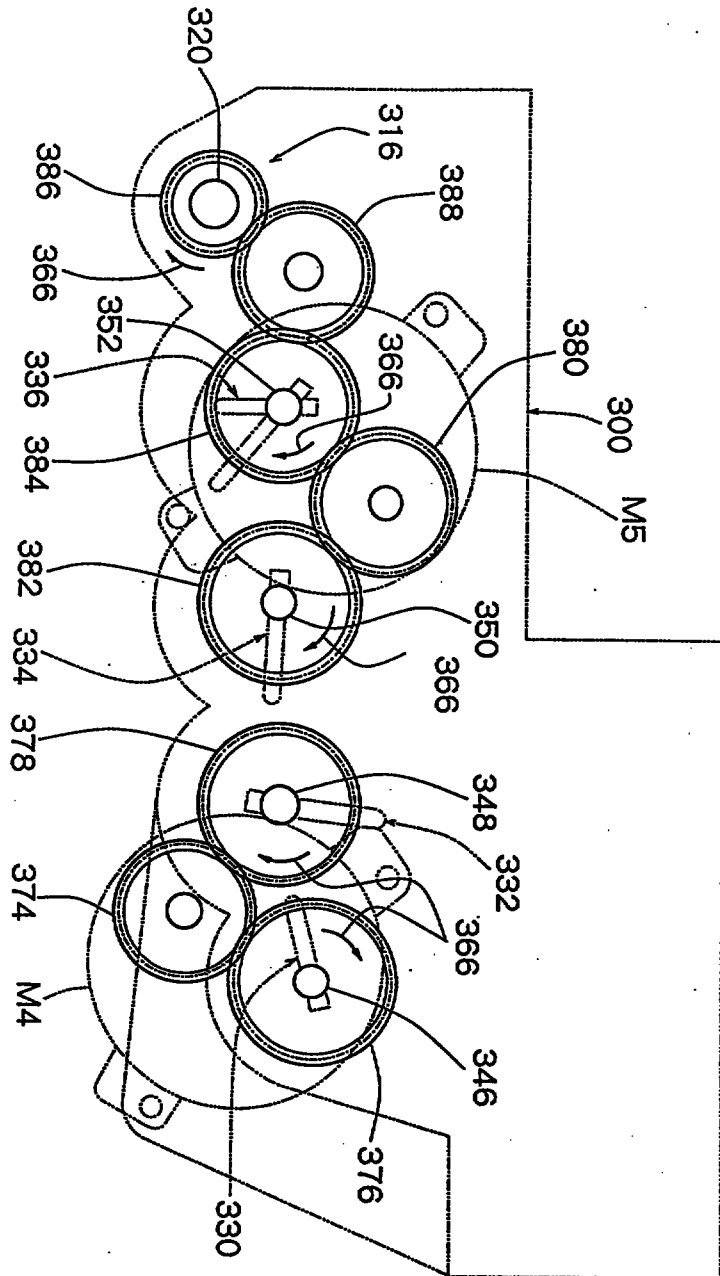


Fig. 22

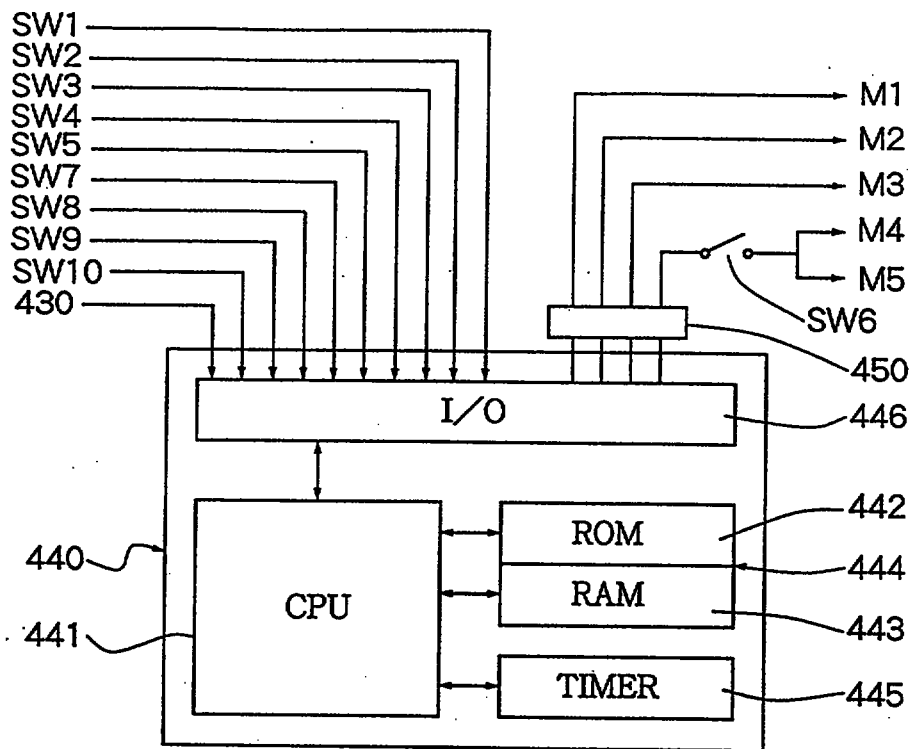


Fig. 23

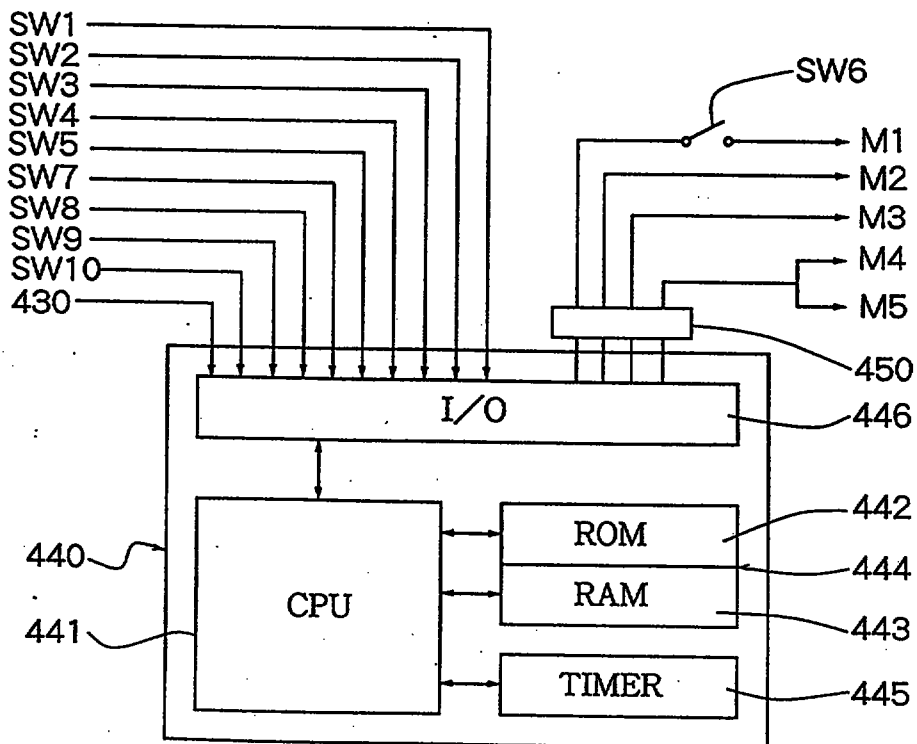


Fig. 24

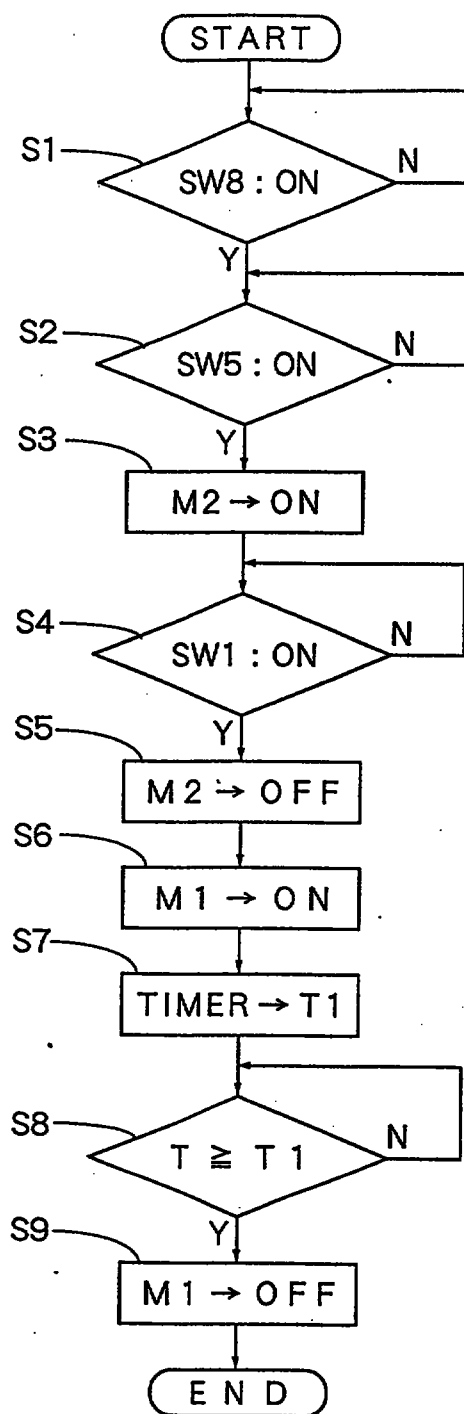


Fig. 25

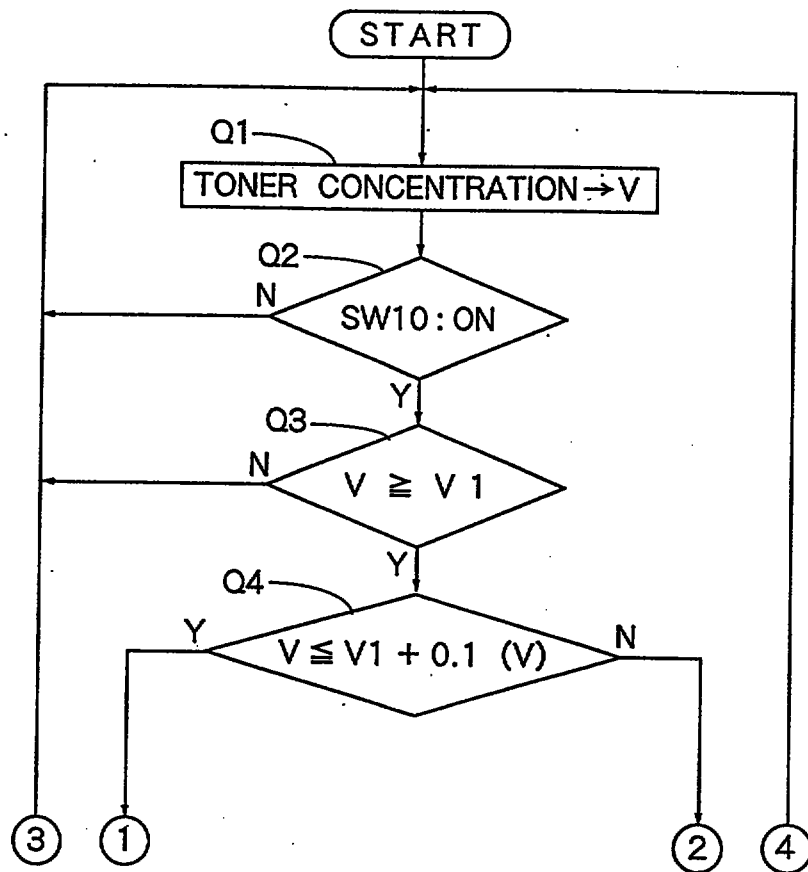


Fig. 26

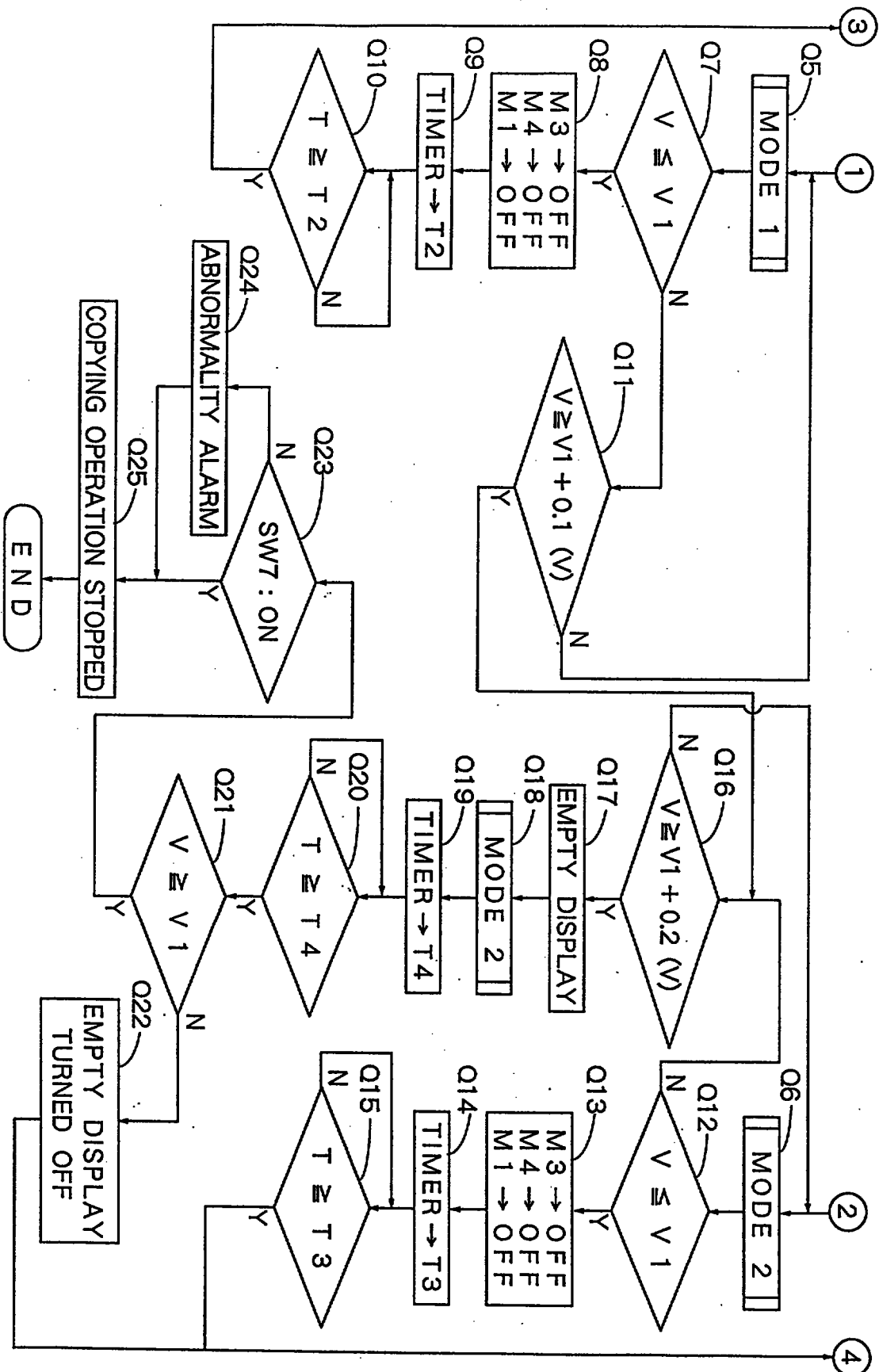


Fig. 27

