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Takahashi et al.

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- (54) **MAGNETIC TAPE CARTRIDGE**
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- (73) Assignee: **Fuji Photo Film Co., Ltd.**, Kanagawa-Ken (JP)
- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 132 days.

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(74) *Attorney, Agent, or Firm*—Sughrue Mion, PLLC

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- (30) **Foreign Application Priority Data**
 - Nov. 8, 1999 (JP) 11-317166
 - Nov. 9, 1999 (JP) 11-318464
- (51) **Int. Cl.**⁷ **G11B 23/027**
- (52) **U.S. Cl.** **360/132**
- (58) **Field of Search** 360/132; 242/338.1, 242/338.2

(57) **ABSTRACT**

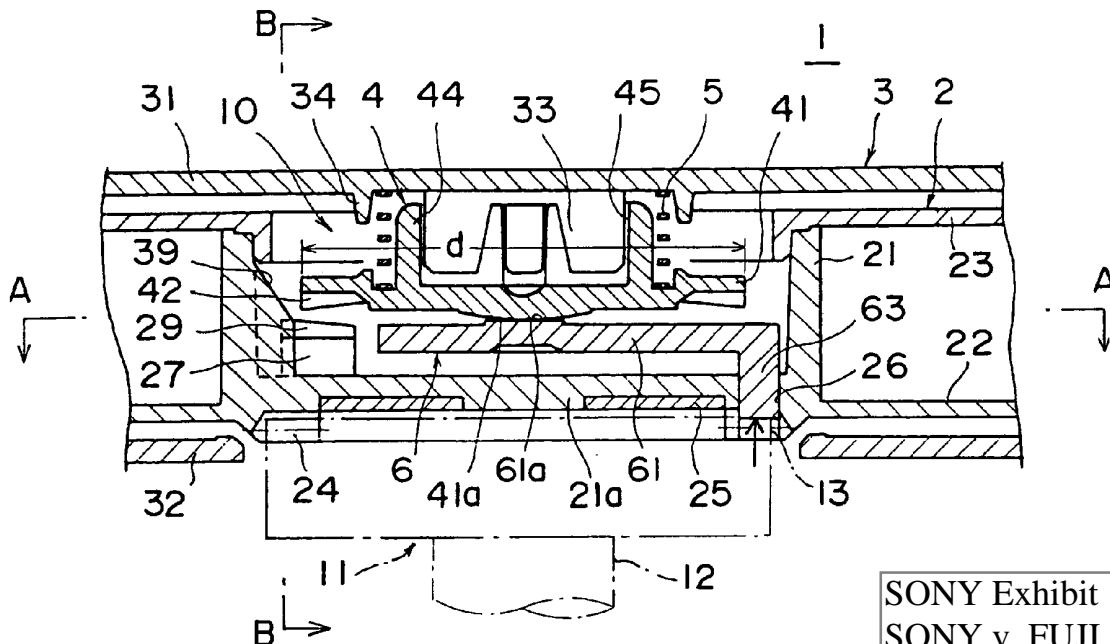
A magnetic tape cartridge includes a magnetic tape wound around a single reel, a cartridge casing in which the reel is housed for rotation and a reel stopper which locks the reel not to rotate when the magnetic tape cartridge is not being used and releases the reel to permit to rotate when the magnetic tape cartridge is to be used. The reel stopper includes a braking member which is movable between a locking position where it is in contact with the reel to restrict rotation of the reel and a releasing position where it is away from the reel to permit rotation of the same, an urging member which urges the braking member toward the locking position, and a releasing member which is rotated integrally with the reel and moves the braking member toward the releasing position in response to a reel chucking action of the reel drive means of a tape drive. The braking member is provided with a braking gear which is adapted to be engaged, to restrict rotation of the reel, with an engagement gear tooth on an engagement projection formed on the reel while the reel is provided with a guide member which centers the braking member with respect to the reel.

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4 Claims, 4 Drawing Sheets



SONY Exhibit 1001
SONY v. FUJI

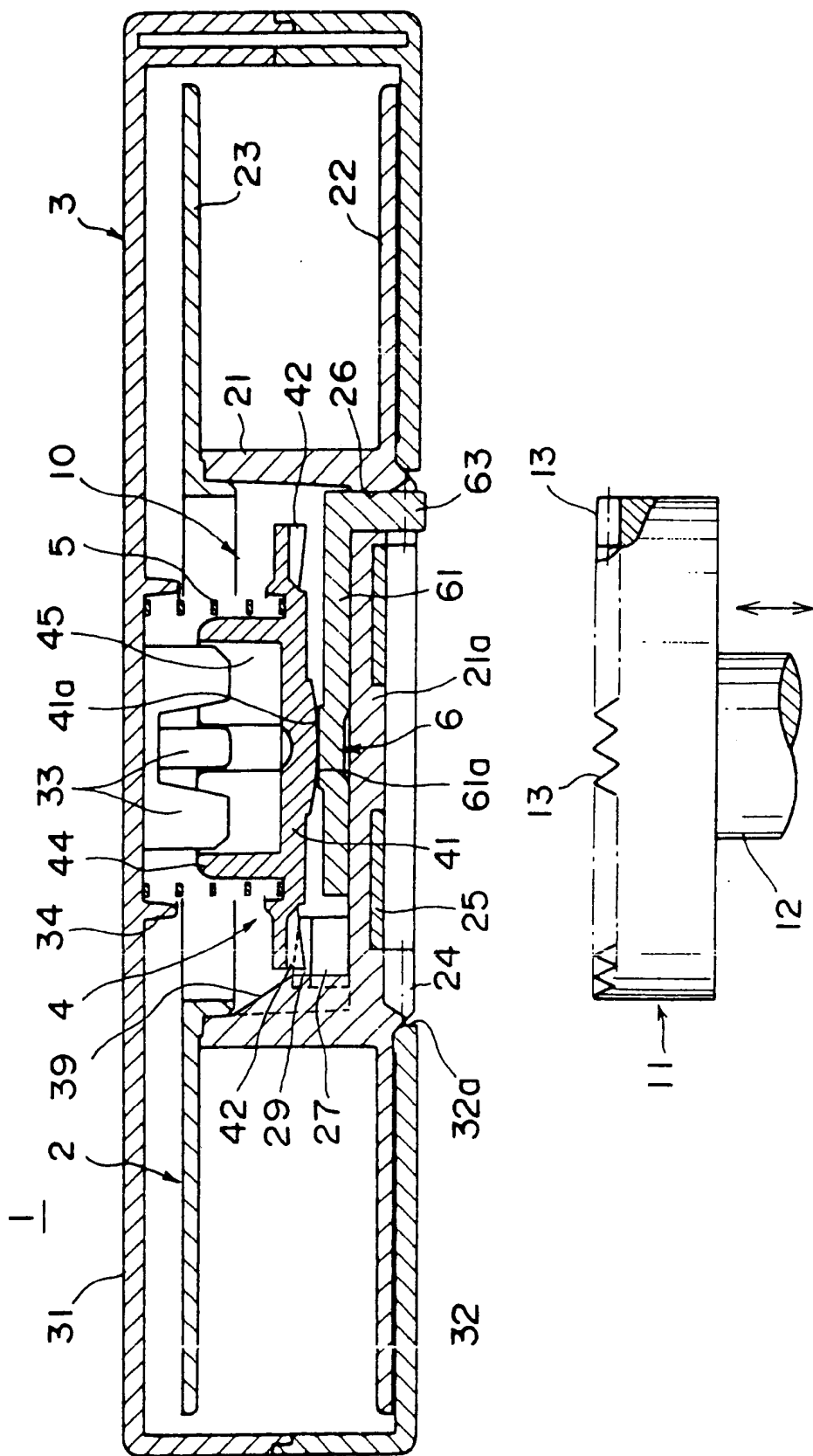
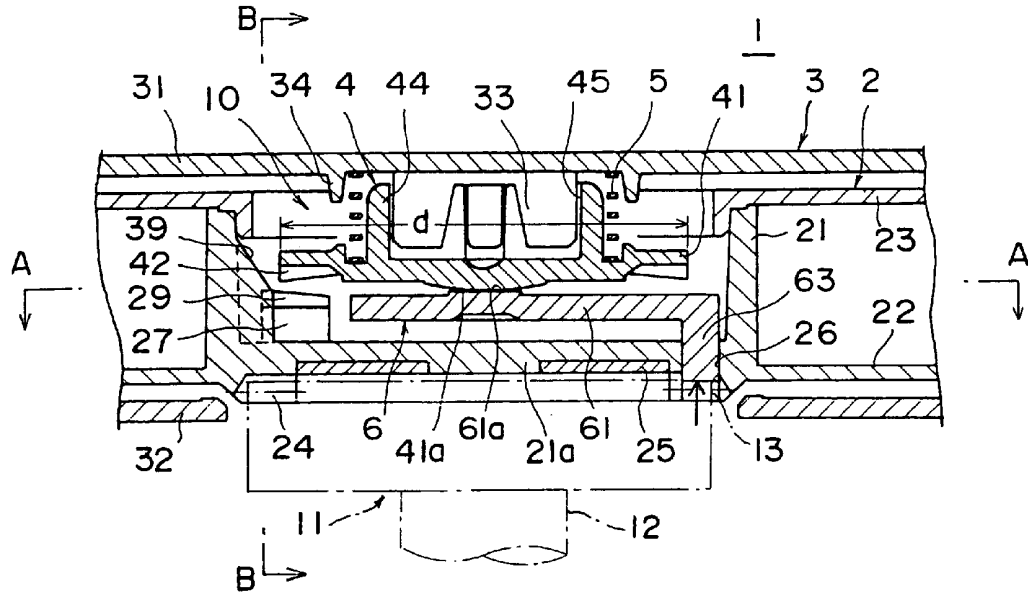
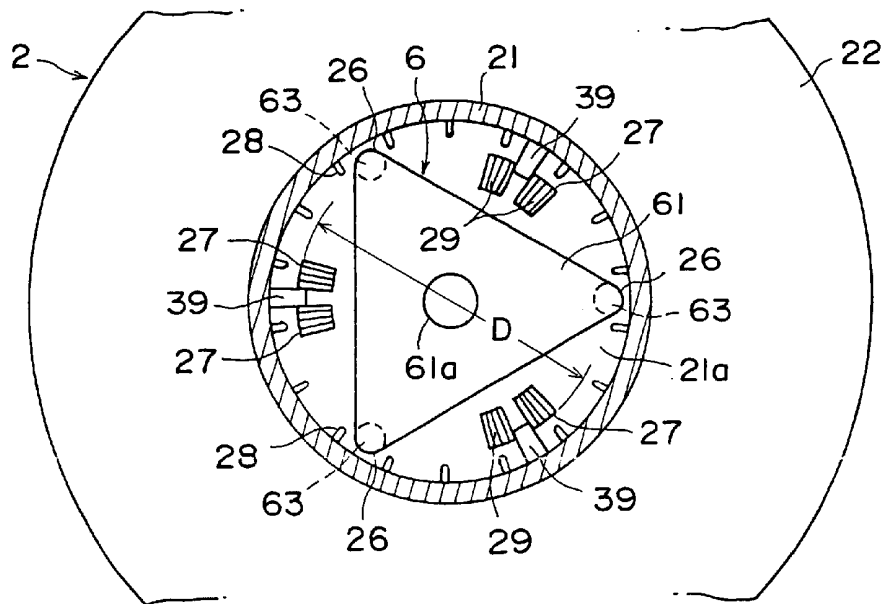


FIG. 1

F I G . 2



F I G . 3



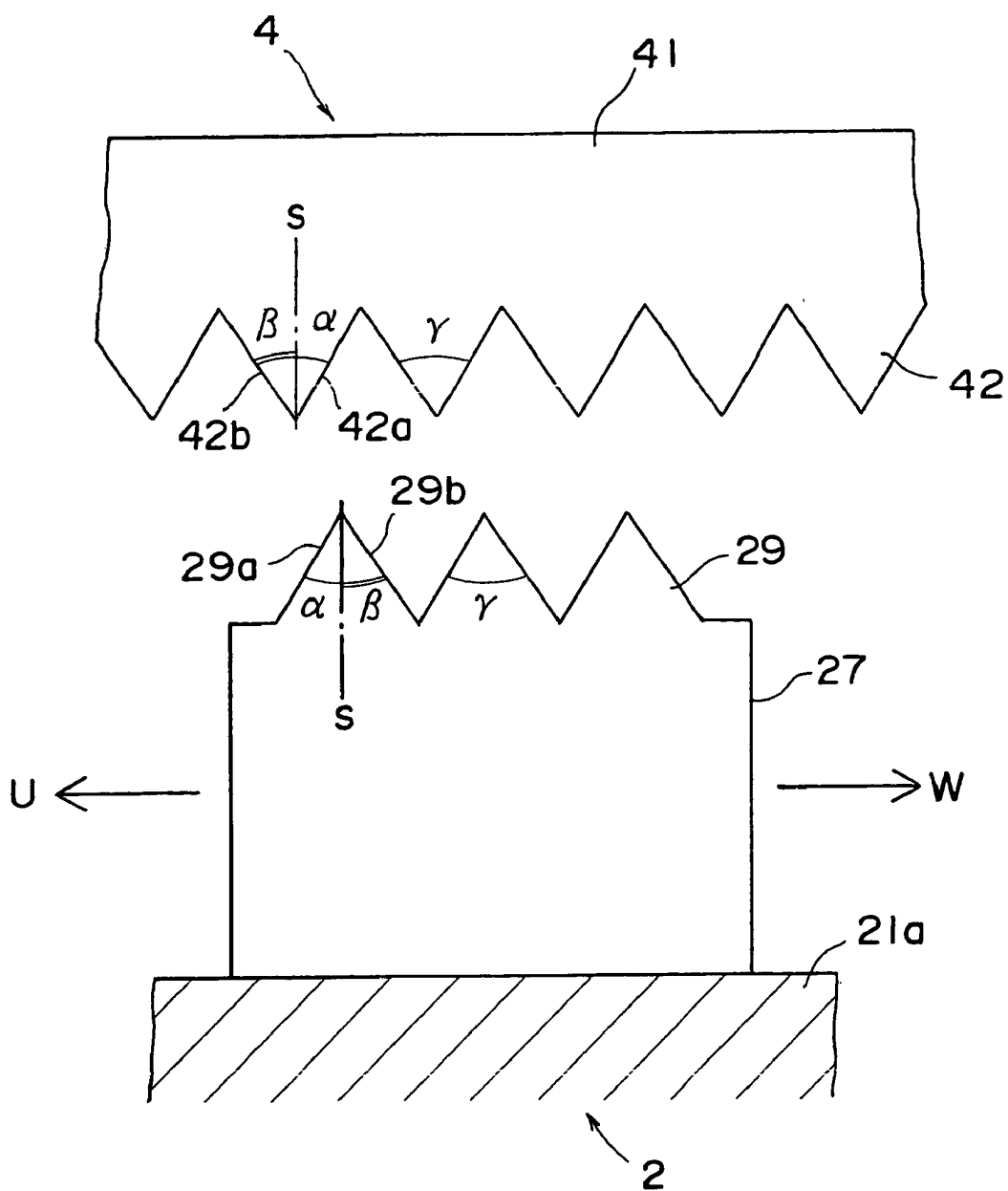
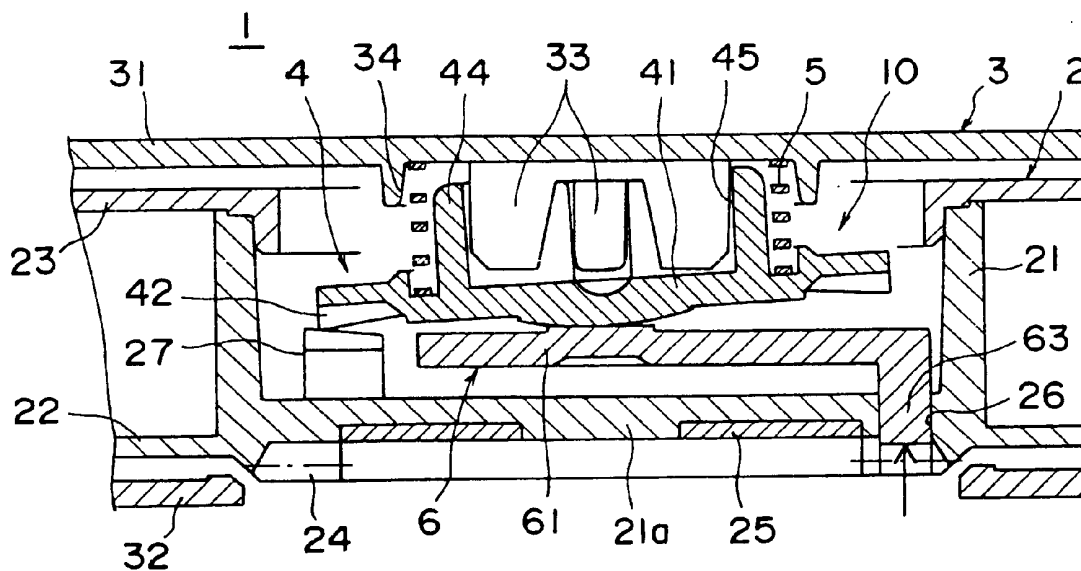


FIG. 4

F I G . 5



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