



(12) **United States Design Patent**
Horie et al.

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- (54) **TAPE FEEDER**
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- (30) **Foreign Application Priority Data**
- May 26, 2020 (JP) 2020-010300 D
- (51) **LOC (14) Cl.** **13-03**
- (52) **U.S. Cl.**
- USPC **D13/182**
- (58) **Field of Classification Search**
- USPC D13/199, 182, 133, 147, 184; D15/122
- CPC .. H05K 13/0419; H05K 13/022; H05K 13/02;
- B23P 19/001
- See application file for complete search history.

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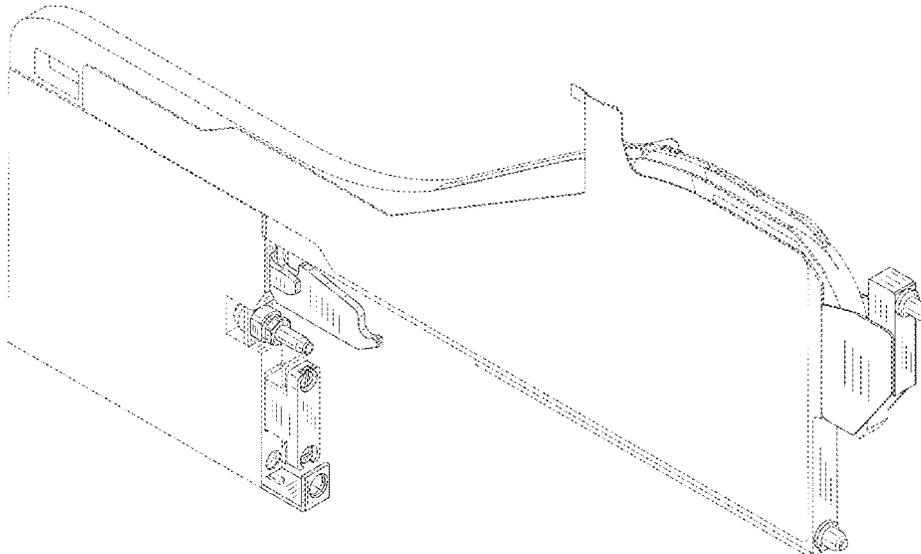
(57) **CLAIM**

We claim the ornamental design for a tape feeder, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a tape feeder according to the invention;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.
The broken lines in the drawings are for the purpose of illustrating portions of the article that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



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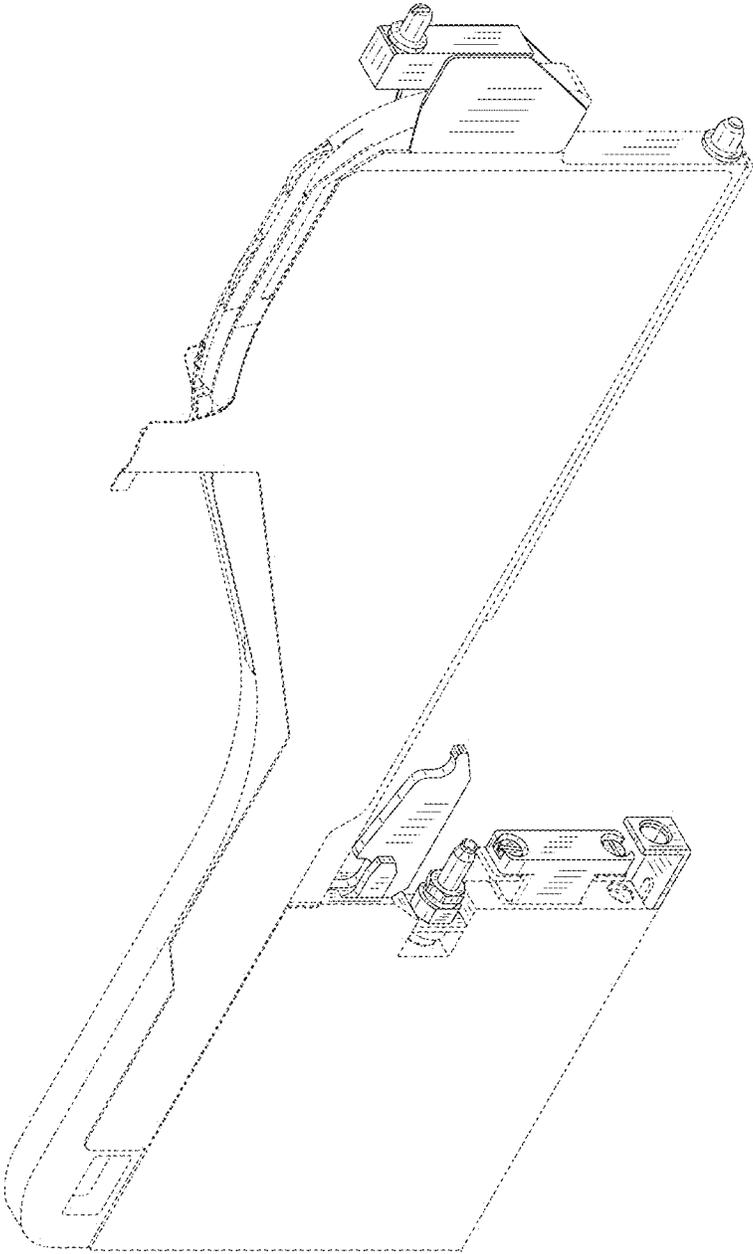


FIG.1

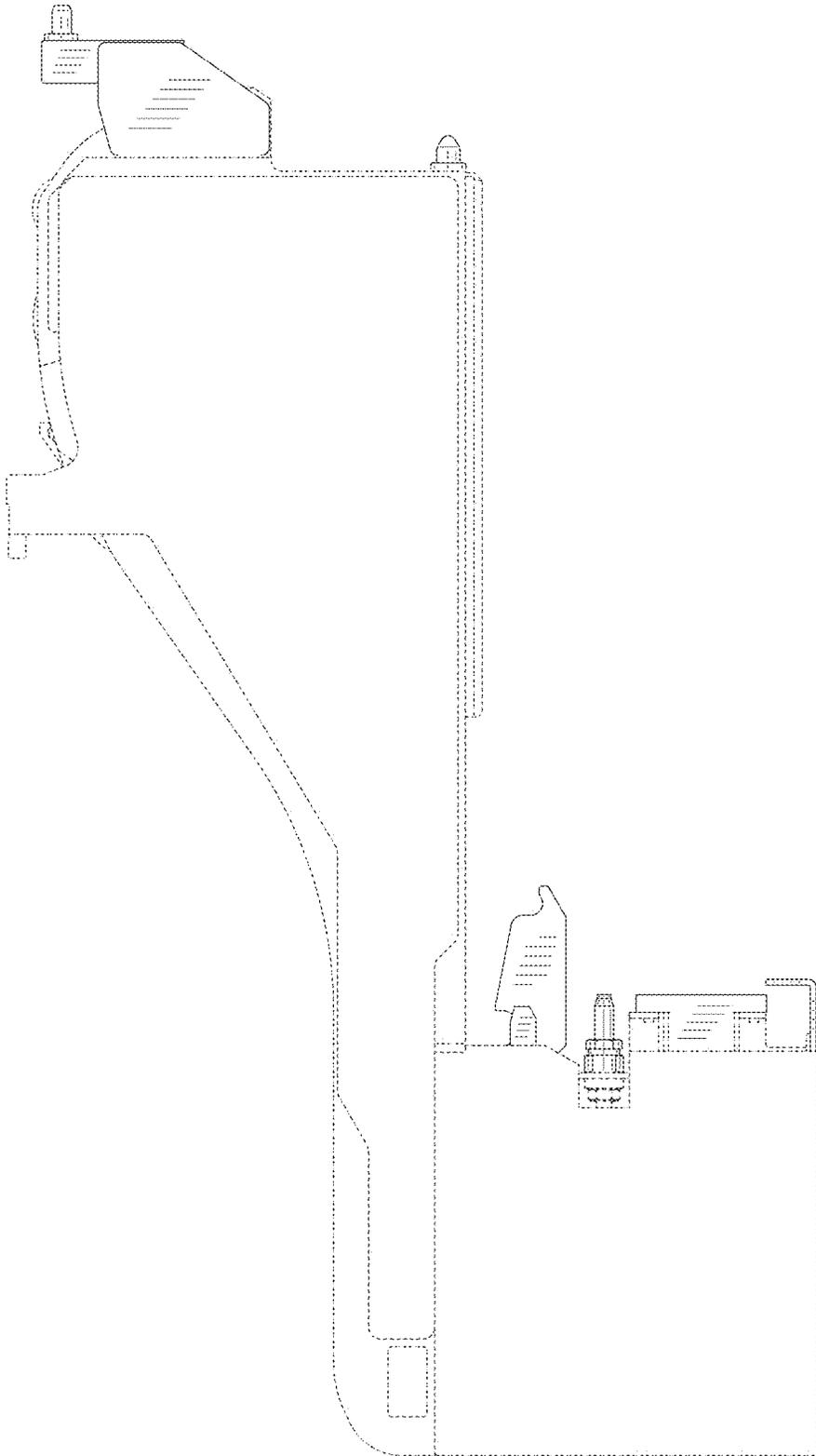


FIG.2

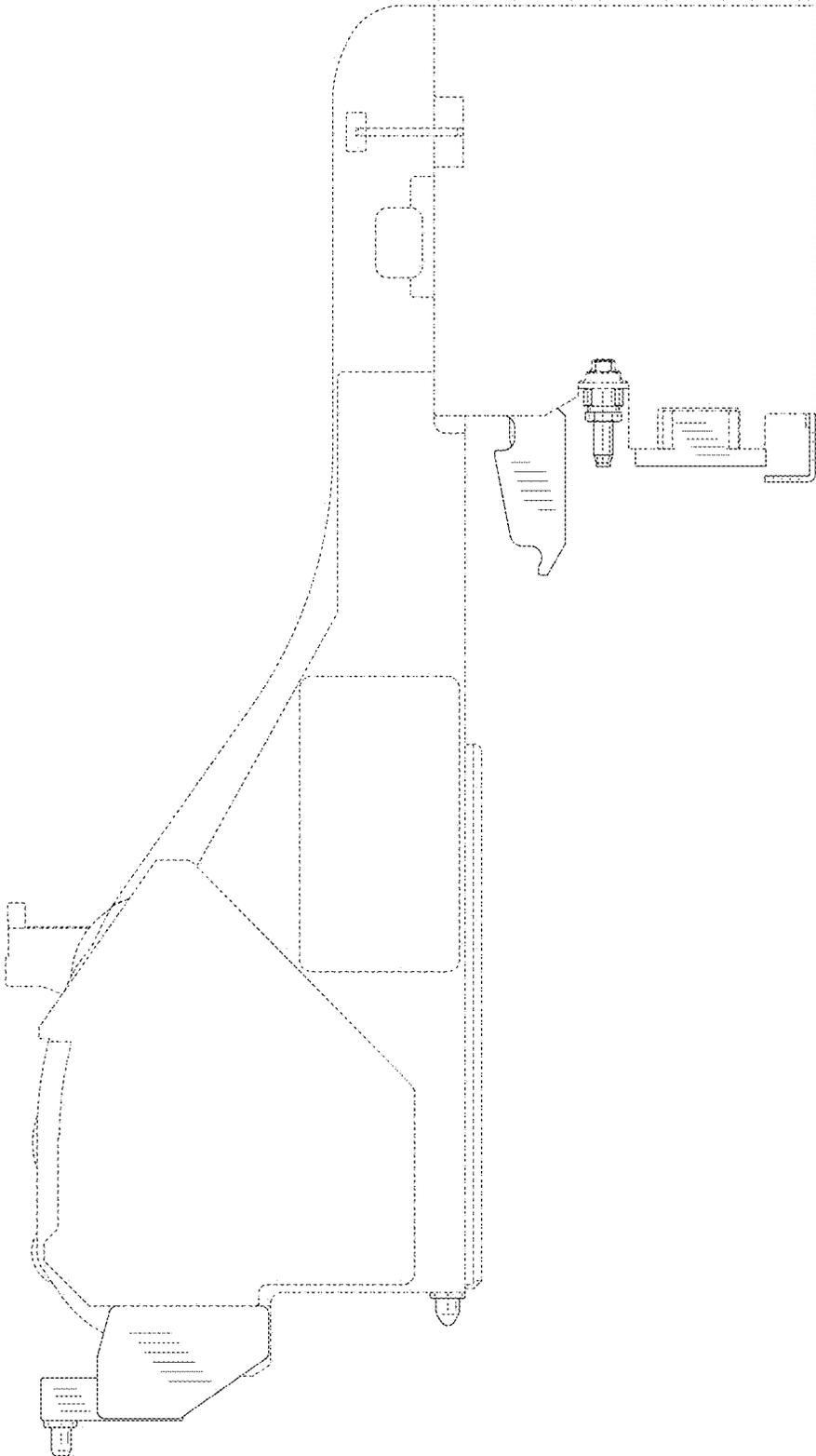


FIG. 3



FIG.4



FIG.5



FIG. 6



FIG. 7