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(12) **United States Design Patent**
Manneschi

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(45) **Date of Patent:** **** Jan. 14, 2003**

(54) **COLUMN-SHAPED TRANSDUCER FOR
TRANSPONDER MAGNETIC CARD
READERS**

4,951,029 A * 8/1990 Severson 340/506
5,523,739 A * 6/1996 Manneschi 324/243
5,933,077 A * 8/1999 Vogt et al. 340/3.43
D421,263 S * 2/2000 Phillips D14/222
D422,578 S * 4/2000 Bertrand et al. D14/385

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* cited by examiner

(**) Term: **14 Years**

Primary Examiner—Freda Nunn

(21) Appl. No.: **29/131,571**

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Dougherty

(22) Filed: **Oct. 23, 2000**

(57) **CLAIM**

(30) **Foreign Application Priority Data**

The ornamental design for the column-shaped transducer for
transponder magnetic card readers, as shown and described.

Jul. 31, 2000 (IT) AR0000028

DESCRIPTION

(51) **LOC (7) Cl.** **14-02**

(52) **U.S. Cl.** **D14/222; D14/385**

(58) **Field of Search** D14/385, 222;
235/380, 382, 382.5, 375, 379; 250/556,
341.1, 338.1; 340/506, 505, 552, 3.43;
324/243

FIG. 1 is the rear elevational view of the column-shaped
transducer for transponder magnetic card readers with ellip-
tic profile of the transversal section;

FIG. 2 is a side elevational view thereof, with the opposite
side being a mirror image;

FIG. 3 is a top plan view thereof;

FIG. 4 is a front elevational view thereof;

FIG. 5 is a perspective view thereof; and,

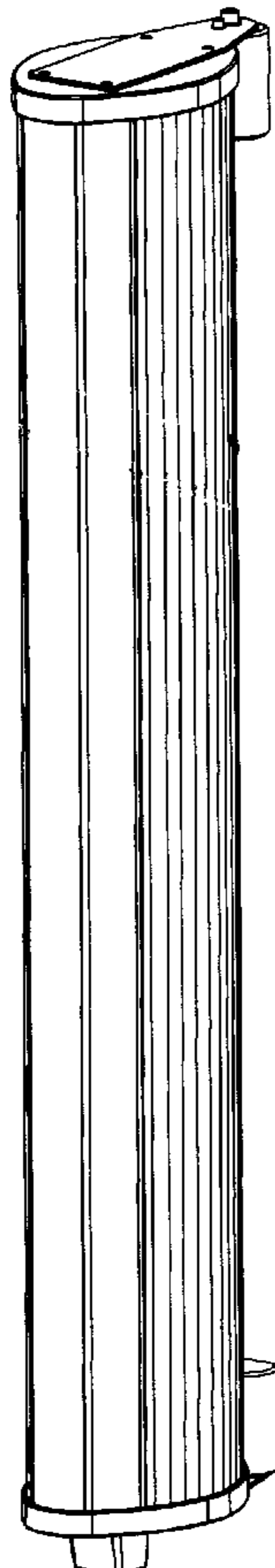
FIG. 6 is a bottom plan view thereof.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,121,102 A * 10/1978 Wilson 250/338.1
4,850,018 A * 7/1989 Vogt 340/505

1 Claim, 1 Drawing Sheet



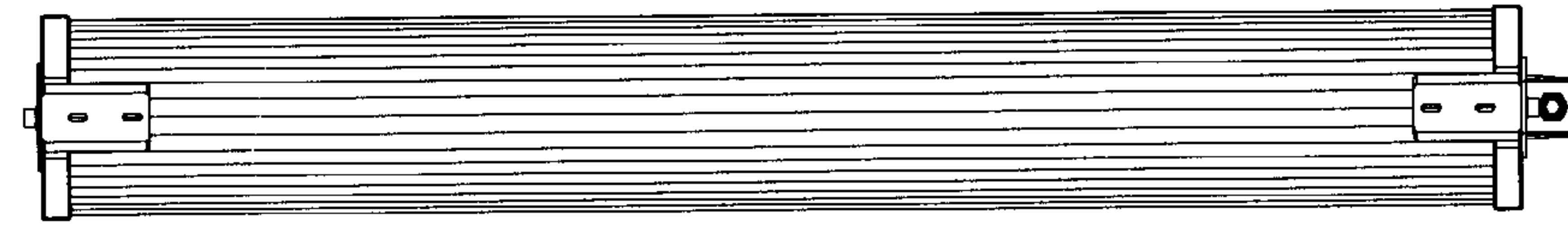


Fig. 1

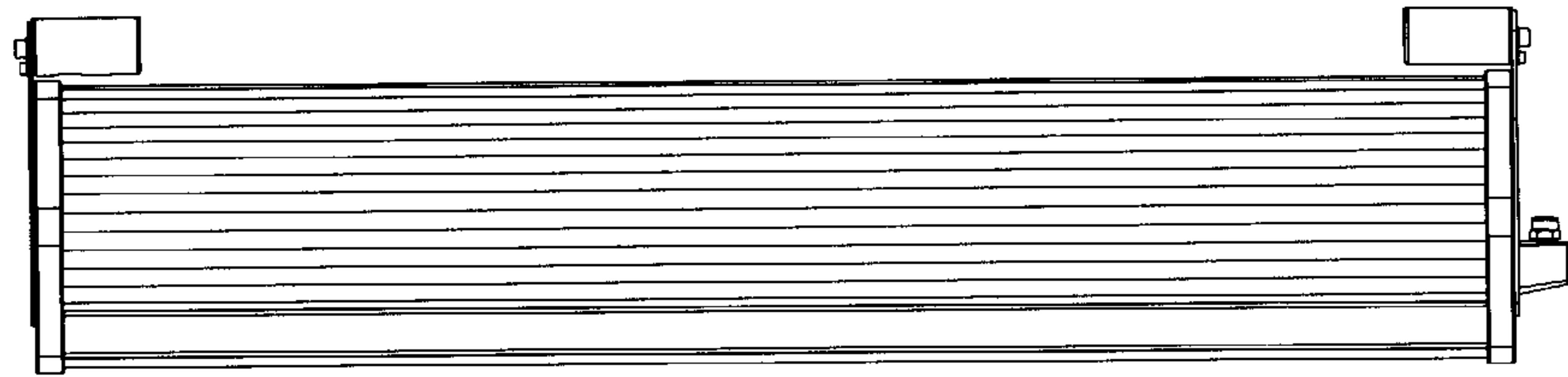


Fig. 2

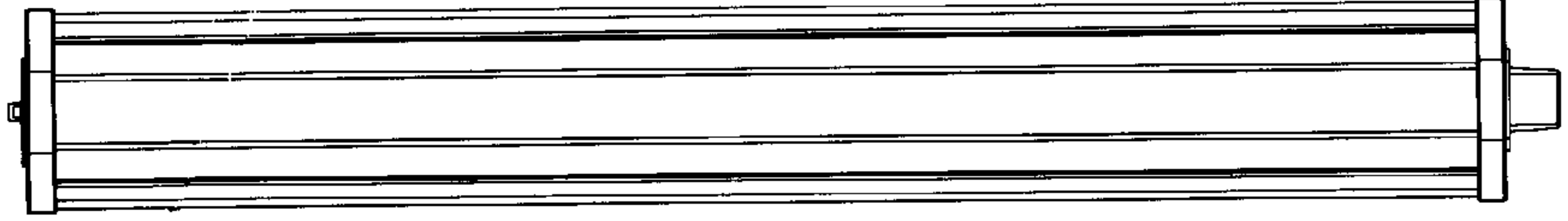


Fig. 4

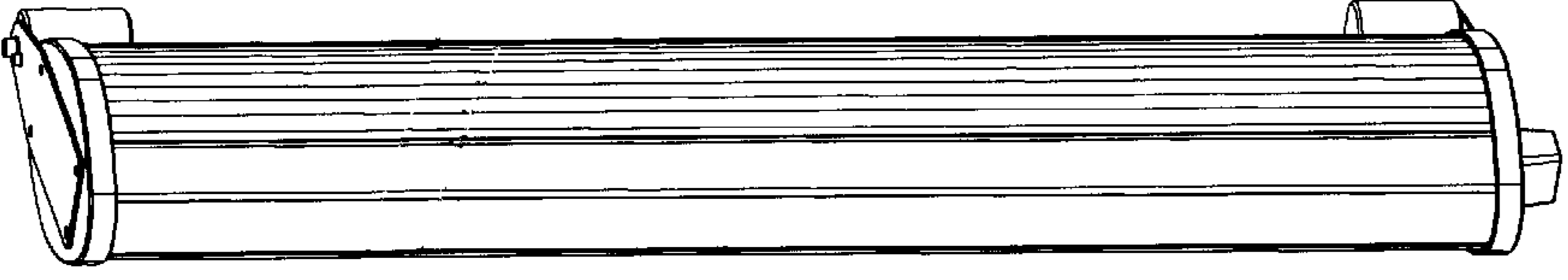


Fig. 5

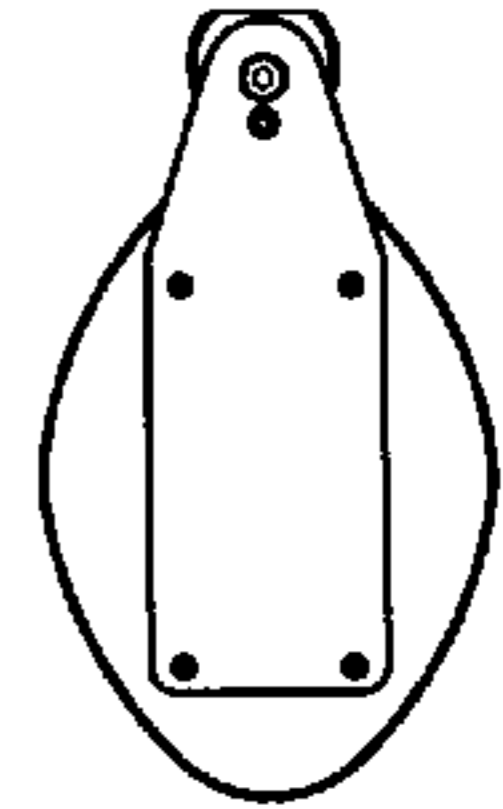


Fig. 3

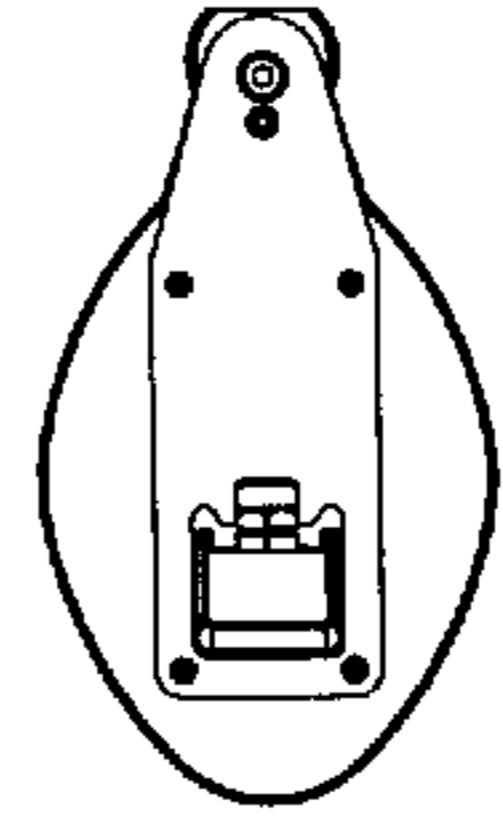


Fig. 6