

[54] ULTRASONIC TRANSDUCER

[75] Inventor: David G. J. Fanshawe, Selsdon,
England

[73] Assignee: U.S. Philips Corporation

[**] Term: 14 Years

[21] Appl. No.: 860,044

[22] Filed: Dec. 12, 1977

[30] Foreign Application Priority Data

Jun. 13, 1977 [GB] United Kingdom 980410

[51] Int. Cl. D13-99; D14-99

[52] U.S. Cl. D13/99; D10/121;
D14/99

[58] Field of Search 179/142, 141, 108 R,
179/179, 182 R, 146 R, 110 A; 310/8.6, 9.4, 8.5,
9.1, 8.2; D13/99, 32; D10/121; D14/92, 96, 99

[56]

References Cited

U.S. PATENT DOCUMENTS

D. 231,491	4/1974	Hermans	D10/121
D. 246,396	11/1977	O'Brien	D14/92
3,675,053	7/1972	Mifune	310/8.2
3,716,681	2/1973	Barrow	179/110 A
3,752,941	8/1973	Massa et al.	179/110 A
3,890,513	6/1975	Barleen	179/110 A
3,970,804	7/1976	O'Brien	179/141 X

Primary Examiner—Bernard Ansher

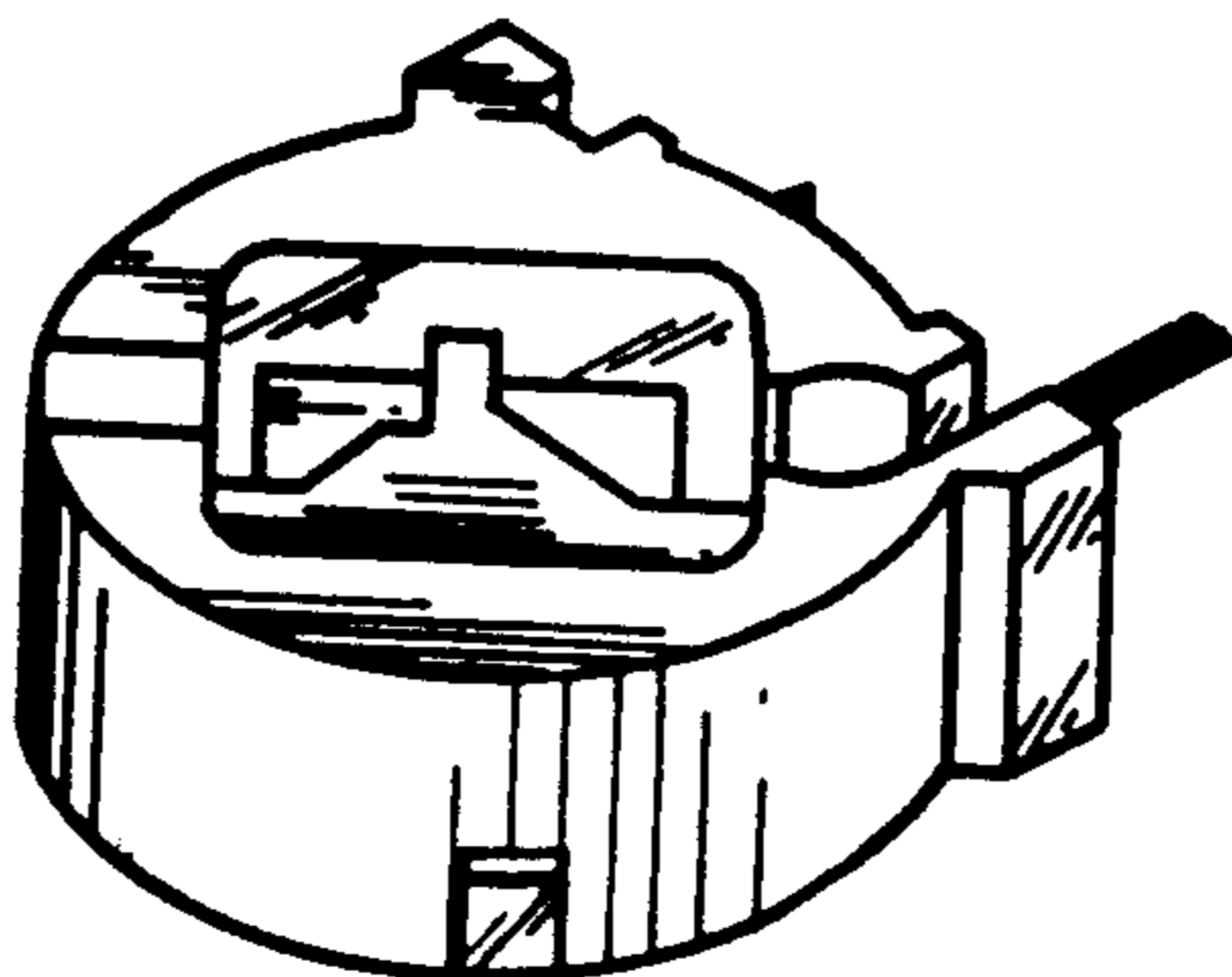
[57]

CLAIM

The ornamental design for an ultrasonic transducer, as shown.

DESCRIPTION

FIG. 1 is a perspective view of an ultrasonic transducer, showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is an elevational view thereof of one side;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is an elevational view thereof of the other side; and
FIG. 6 is a rear elevational view thereof.



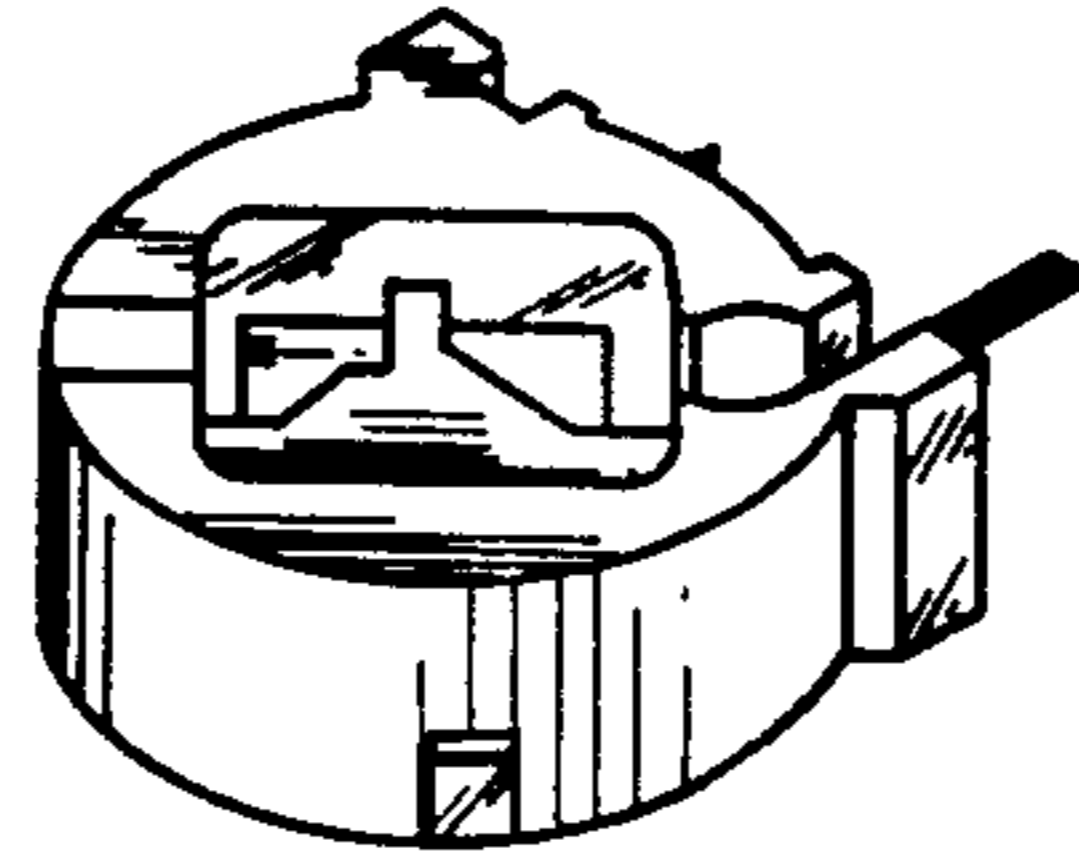


FIG. 1



FIG. 2

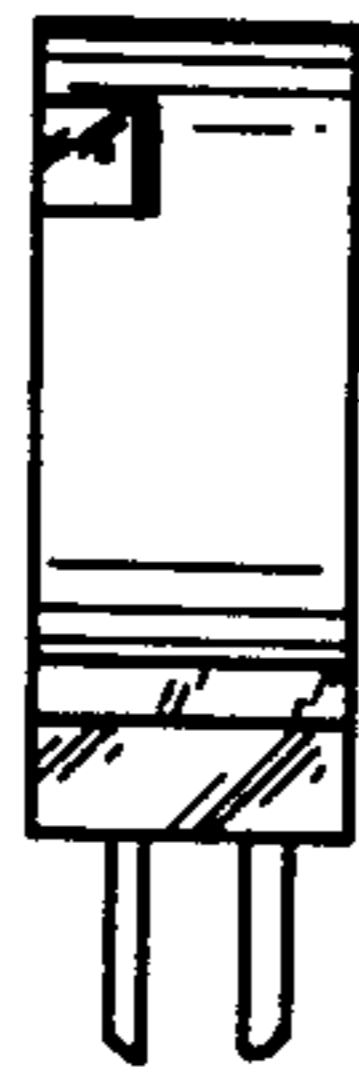


FIG. 3

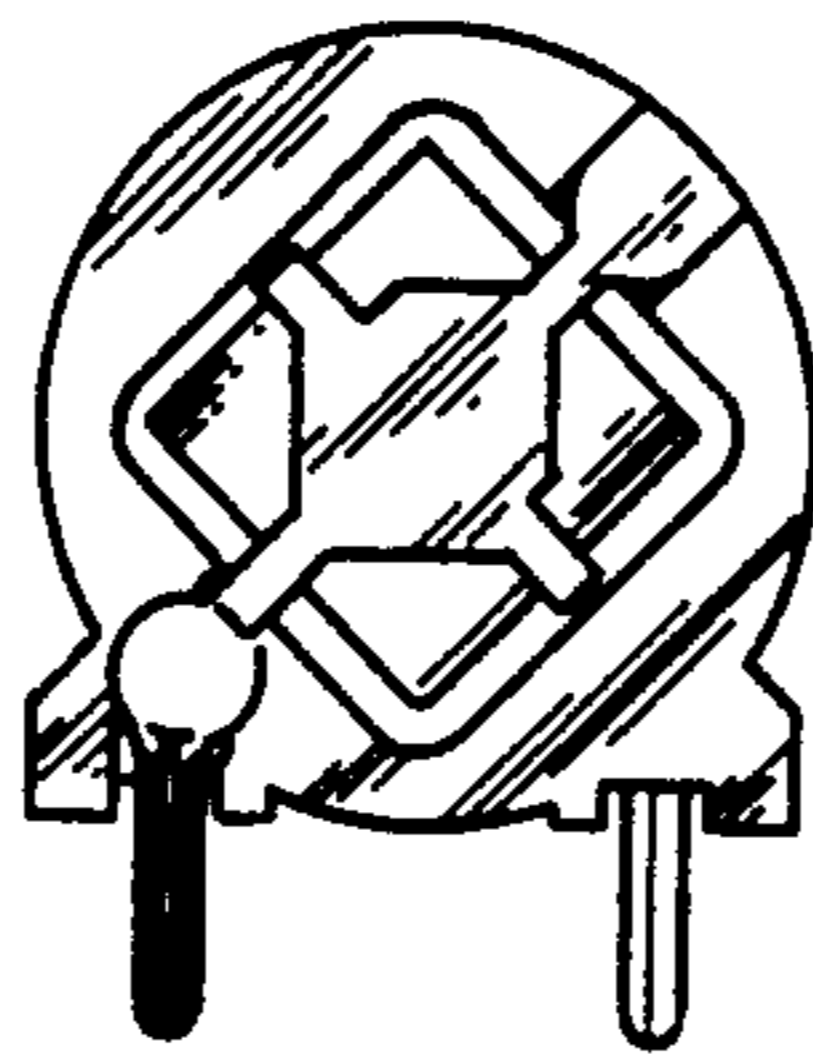


FIG. 4



FIG. 5



FIG. 6