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(12)

United States Design Patent

Winivis

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(54) SPOT WELD SEPARATOR

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

(21) Appl. No.: **29/147,078**

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(51) LOC (7) Cl. **08-05**

(52) U.S. Cl. **D8/70**

(58) Field of Search D8/70, 61, 62;
408/84, 86, 199, 211, 212, 213, 214, 229,
230, 704, 705, DIG. 1; D15/139

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,499,584	A	*	7/1924	Litchfield	.....	408/211
1,875,362	A	*	9/1932	Wells	.....	22/340
2,613,710	A	*	10/1952	Emmons	.....	408/211
2,652,083	A	*	9/1953	Emmons	.....	408/211
2,769,355	A	*	11/1956	Crisp	.....	408/230
2,852,968	A	*	9/1958	Rowley	.....	408/86
3,104,564	A	*	9/1963	Hougen	.....	408/199
3,564,947	A	*	2/1971	Maier	.....	408/211
4,230,429	A	*	10/1980	Eckle	.....	D15/139
4,313,506	A	*	2/1982	O'Connell	.....	D15/139
D273,391	S	*	4/1984	Lassiter	.....	D15/139
4,664,567	A	*	5/1987	Edwards	.....	D15/139
4,878,788	A	*	11/1989	Wakihira et al.	.....	408/199
4,968,193	A	*	11/1990	Chaconas et al.	.....	408/211
4,991,467	A	*	2/1991	Packer	.....	408/199
5,056,967	A	*	10/1991	Hageman	.....	408/199
5,149,234	A	*	9/1992	Durfee, Jr.	.....	408/199
D340,184	S	*	10/1993	Desaulniers	.....	D8/14
5,288,183	A	*	2/1994	Chaconas et al.	.....	408/211
5,380,133	A	*	1/1995	Schimmer	.....	408/199
D385,468	S	*	10/1997	Wallach	.....	D15/139

D401,489	S	*	11/1998	Ambrose	.....	D8/70
5,860,773	A	*	1/1999	Blomberg et al.	.....	408/199
5,931,615	A	*	8/1999	Wiker	.....	408/229
6,036,410	A	*	3/2000	Shun'ko	.....	408/230
6,056,486	A	*	5/2000	Colvin	.....	408/230
6,113,321	A	*	9/2000	Mulroy et al.	.....	408/211
6,132,149	A	*	10/2000	Howarth et al.	.....	408/229
6,206,619	B1	*	3/2001	Frisbie	.....	408/199
6,309,149	B1	*	10/2001	Borschert et al.	.....	408/230
6,312,432	B1	*	11/2001	Leppelmeier	.....	408/230
6,315,504	B1	*	11/2001	Sekiguchi et al.	.....	408/229
6,315,505	B1	*	11/2001	Moore	.....	408/199

OTHER PUBLICATIONS

Do All cutting tools, gages, Industrial Supplies and Machine Tools, c. 1965, p. 200, DoAll Co.*

* cited by examiner

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(57) **CLAIM**

The ornamental design for a spot weld separator, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the spot weld separator of the present invention.

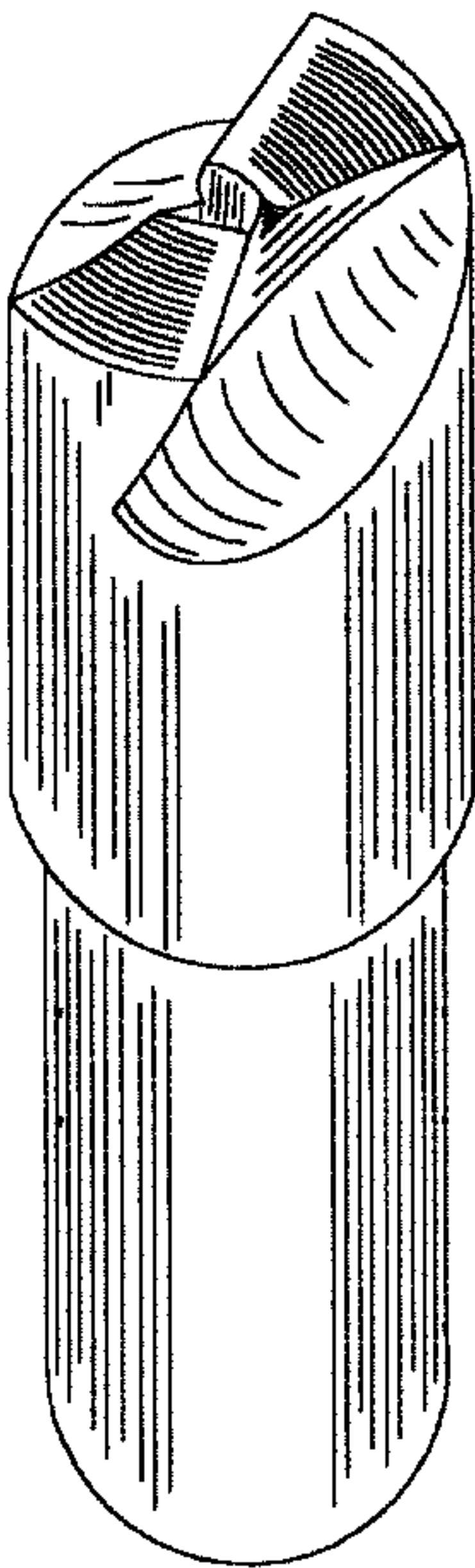
FIG. 2 is a side view of the spot weld separator of the present invention.

FIG. 3 is an end view of the spot weld separator of the present invention.

FIG. 4 is a top view of the spot weld separator of the present invention; and,

FIG. 5 is a bottom view of the spot weld separator of the present invention.

1 Claim, 3 Drawing Sheets



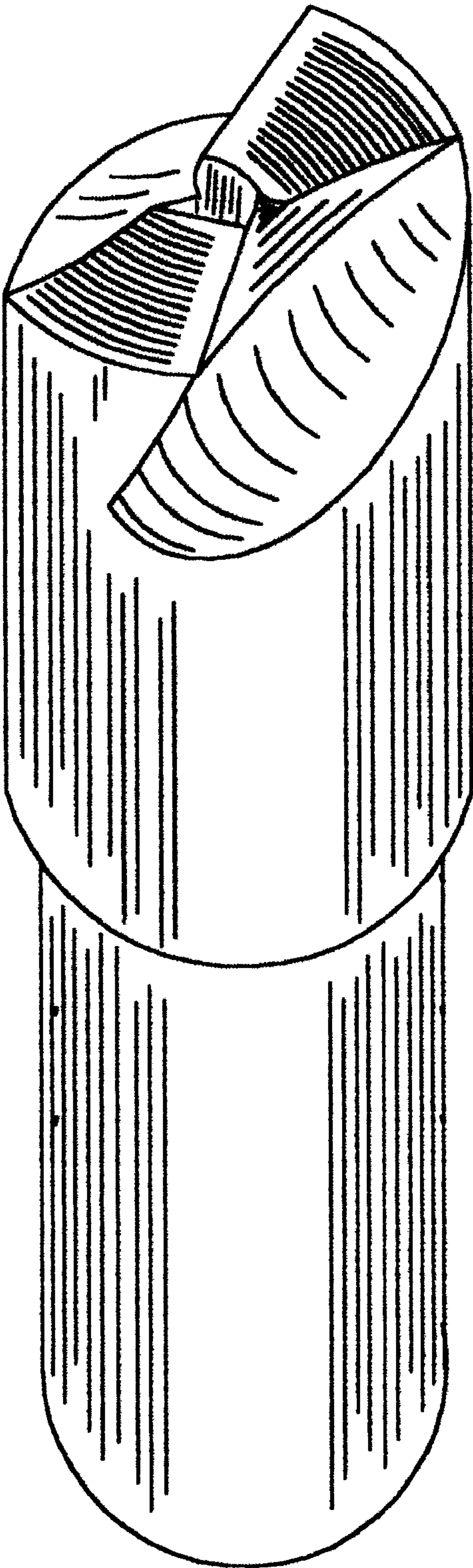


Fig 1.

Fig 3.

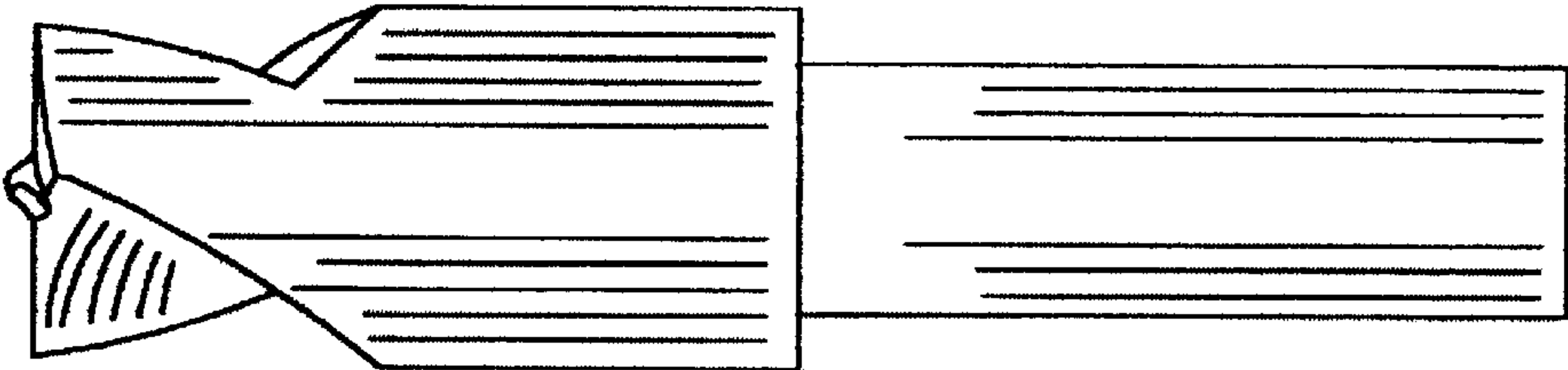
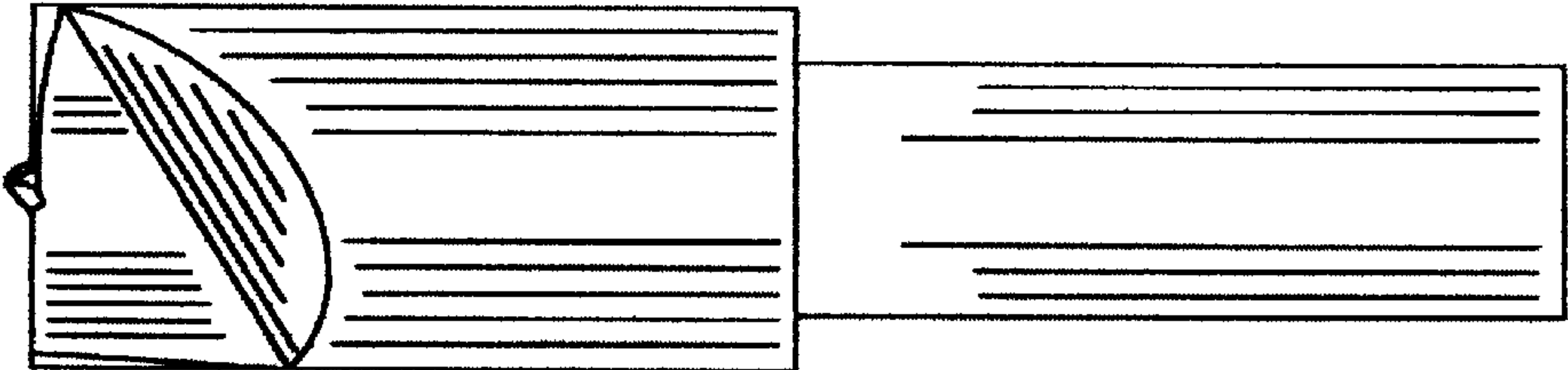


Fig 2.



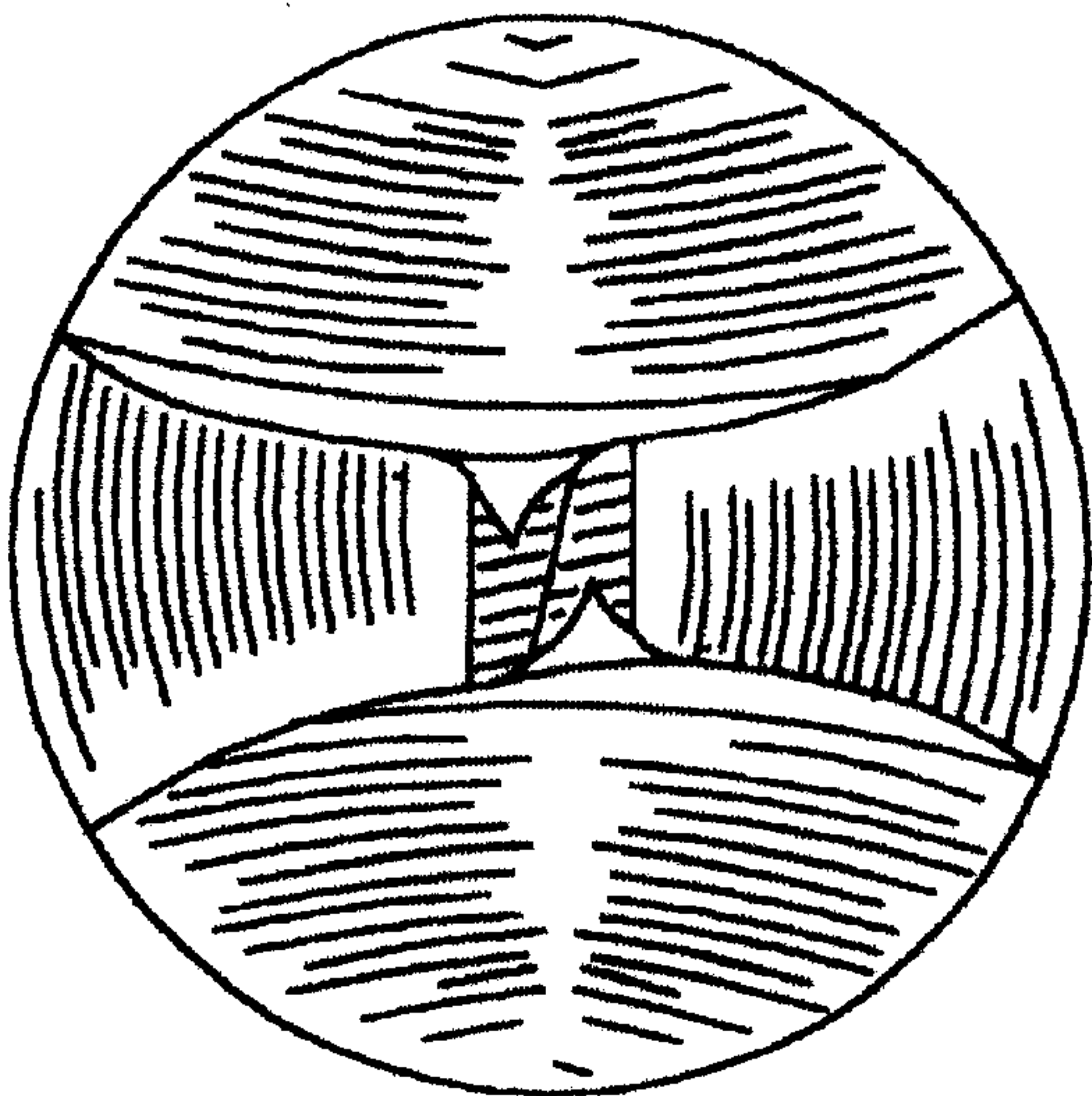


Fig 4.

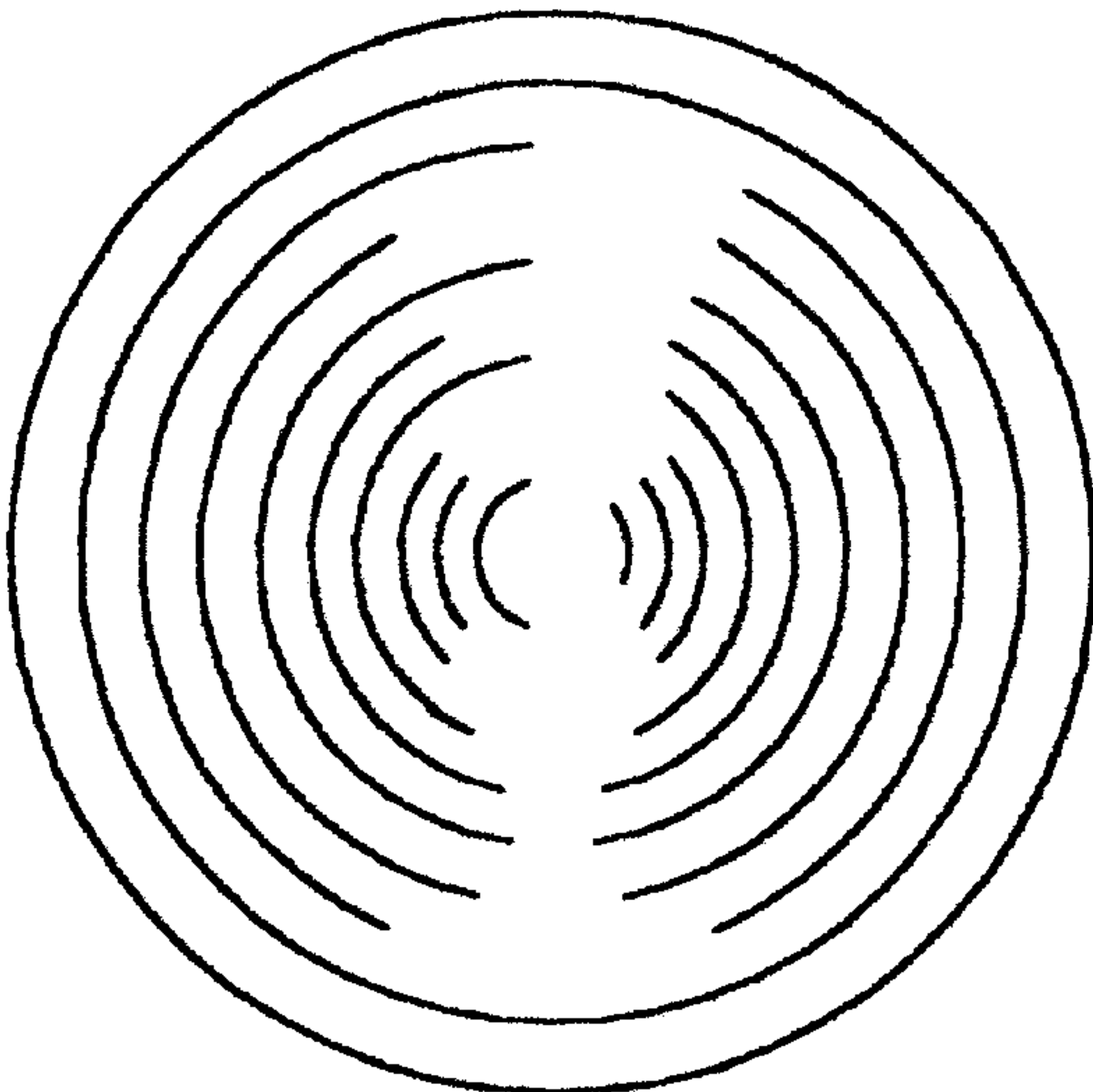


Fig 5.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : Des. 477,515 S
DATED : July 22, 2003
INVENTOR(S) : Gerrald P. Winivis

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,
Item [76], Inventors, should read -- **Gerrald P. Wivinis** --.

Signed and Sealed this

Twenty-eighth Day of October, 2003

A handwritten signature in black ink, appearing to read "James E. Rogan", with a long horizontal stroke extending from the bottom of the signature.

JAMES E. ROGAN
Director of the United States Patent and Trademark Office