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

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(54) **BIOPSY NEEDLE**

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(**) Term: **15 Years**

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(52) **U.S. Cl.**
USPC **D24/130**

(58) **Field of Classification Search**
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606/181, 185; 604/264, 523-528, 272,
604/187, 158, 164.01-164.11, 181, 184,
604/227; 600/101, 139, 143;
128/200.24, 207.14, 207.15
CPC .. A61M 25/007; A61M 1/3653; A61M 25/00;
A61M 39/00; A61M 27/00; A61M
25/0043; A61M 25/0067; A61M 25/0097;
A61F 2/958

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,733,266 A * 3/1998 Gravlee, Jr. A61M 5/3286
604/272
5,752,942 A 5/1998 Doyle et al.
D473,305 S * 4/2003 Halseth D24/129

D497,990 S * 11/2004 Jutila D24/114
7,651,482 B2 * 1/2010 Harris A61M 5/3286
604/272
7,699,791 B2 * 4/2010 Alden A61B 5/150022
600/583
7,722,548 B2 * 5/2010 Cervi A61B 10/0233
600/562
8,052,618 B2 * 11/2011 Haar A61B 5/14532
600/583

(Continued)

FOREIGN PATENT DOCUMENTS

JP H1057490 A 3/1998
JP 2011000214 A 1/2011

(Continued)

OTHER PUBLICATIONS

Olympus Corporation, "ViziShot 2", News Release dated Feb. 27,
2017.

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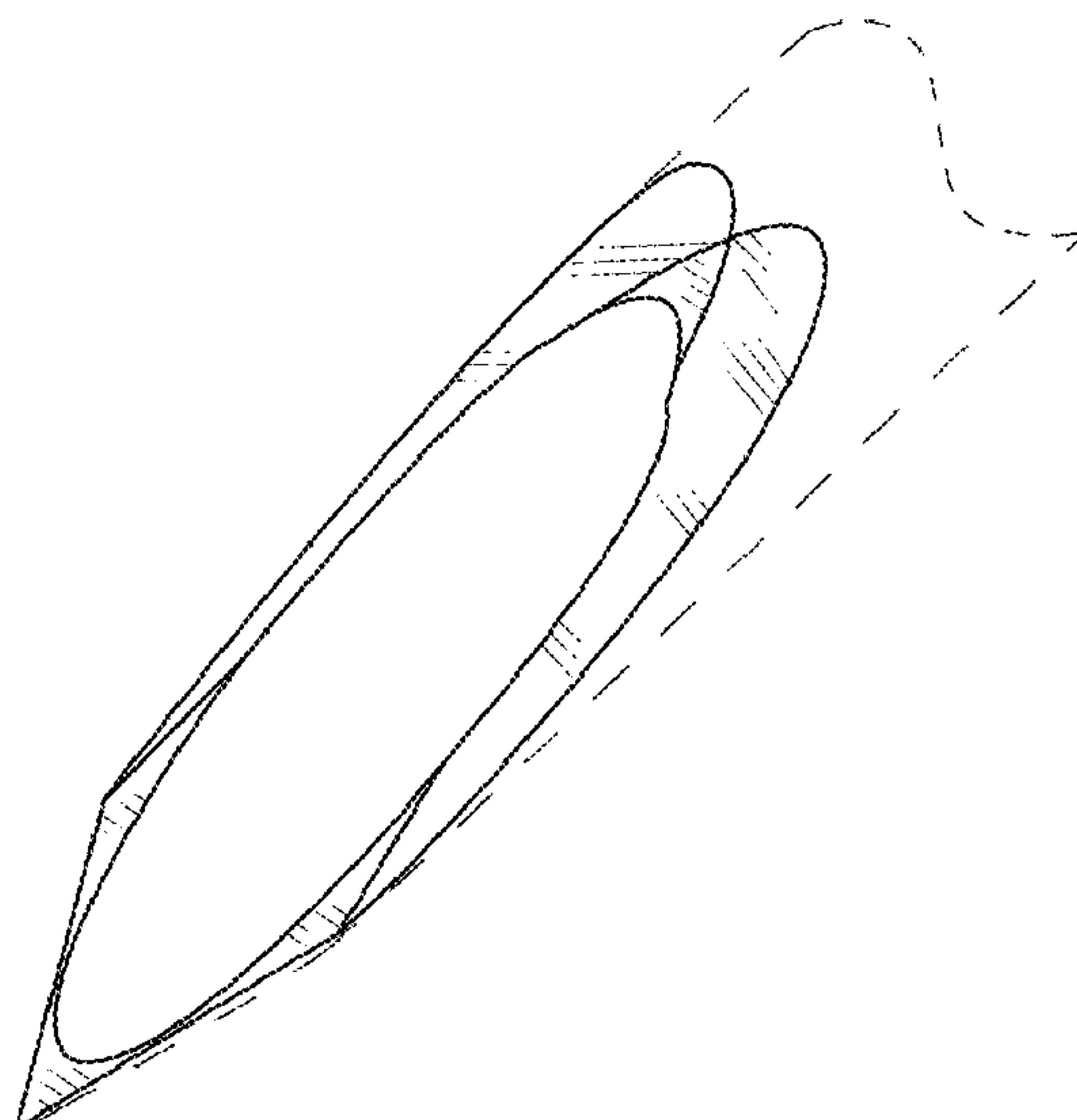
(57) **CLAIM**

The ornamental design for a biopsy needle, as shown and
described.

DESCRIPTION

FIG. 1 is a front perspective view of an embodiment of a
biopsy needle showing our new design;
FIG. 2 is a front view thereof, a rear view being a mirror
image of FIG. 2;
FIG. 3 is a top view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a cross-sectional view taken along line 5-5 in FIG.
2; and,
FIG. 6 is a perspective view thereof, shown in use.
The broken lines shown in the drawings are illustrative
purpose only and form no part of the claimed design.

1 Claim, 3 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

8,142,366 B2 * 3/2012 Haar A61B 5/157
600/583
D657,461 S * 4/2012 Schembre A61B 10/0275
D24/130
8,257,392 B2 * 9/2012 Ahn A61M 5/3286
606/185
8,439,877 B2 * 5/2013 Burkholz A61M 5/329
604/164.08
D689,605 S * 9/2013 Bellenoit D24/112
D690,009 S 9/2013 Schembre et al.
8,556,924 B2 * 10/2013 Liu A61B 17/3421
606/185

FOREIGN PATENT DOCUMENTS

JP 2012030010 A 2/2012
JP 5945651 B1 7/2016

* cited by examiner

FIG. 1

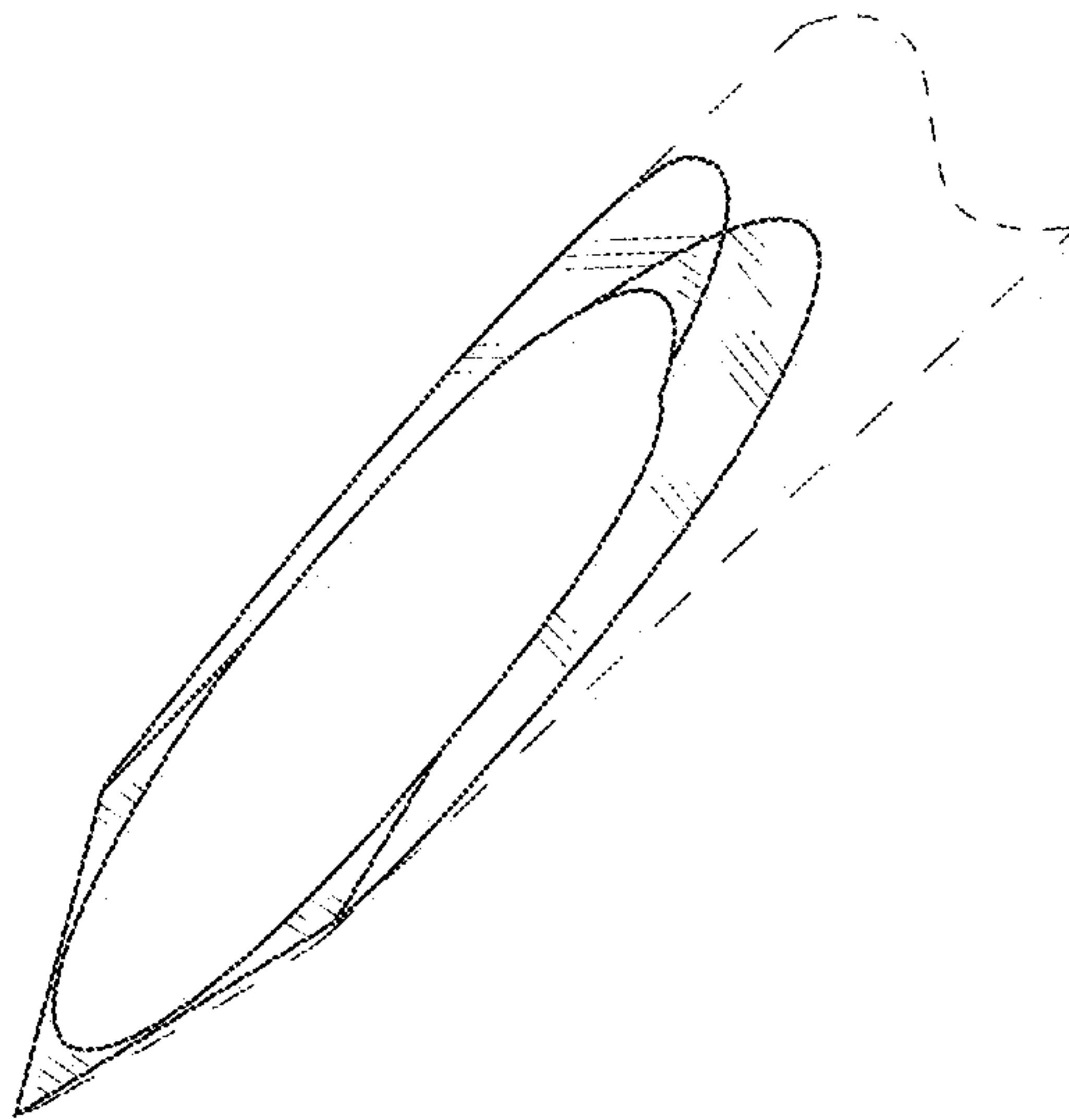


FIG. 2

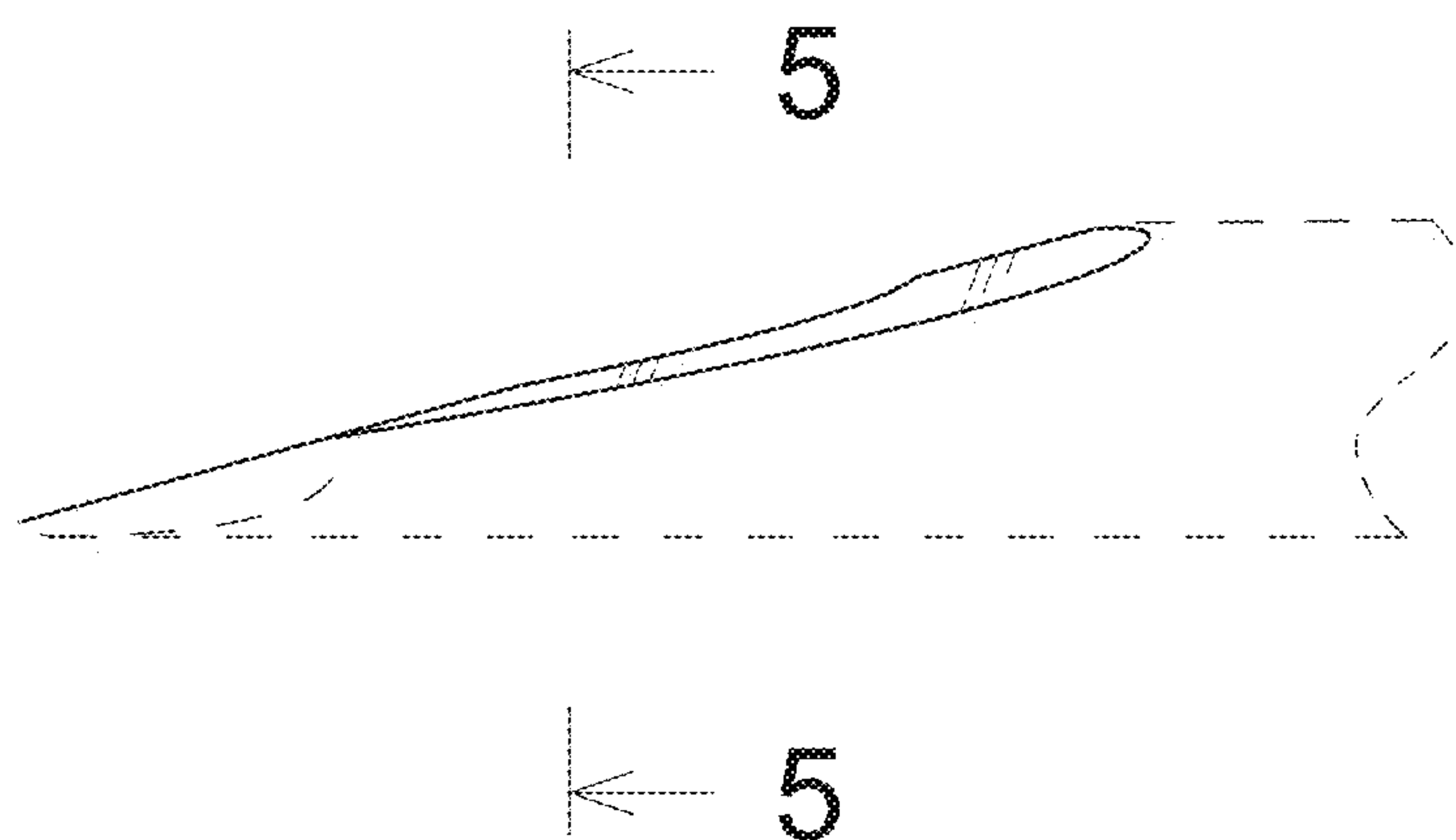


FIG. 3

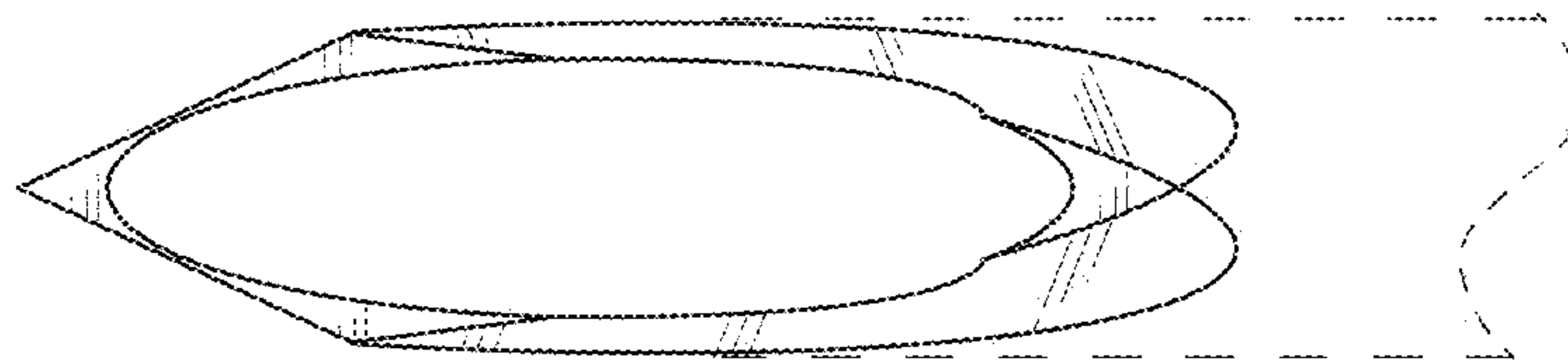


FIG. 4

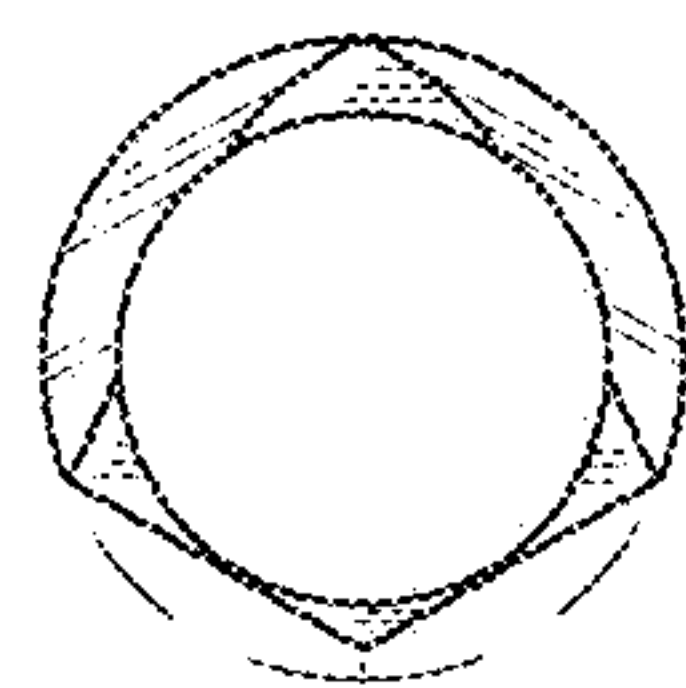


FIG. 5

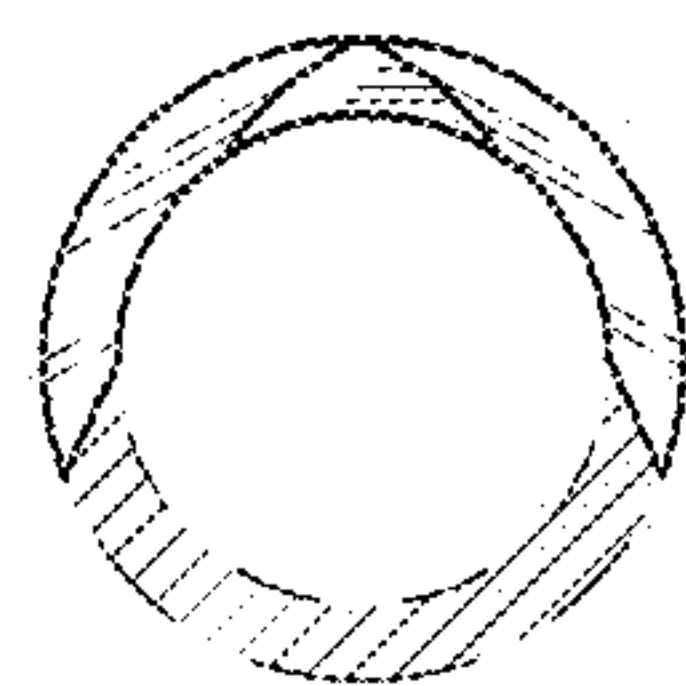


FIG. 6

