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

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(45) **Date of Patent:** **** Feb. 25, 2014**

(54) **COOLING FAN**

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

(21) Appl. No.: **29/419,217**

(22) Filed: **Apr. 26, 2012**

(51) **LOC (10) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/413**

(58) **Field of Classification Search**
USPC D23/370–385, 411–414, 365, 364;
415/60, 66, 68, 208.1, 213.1, 214.1;
310/257; 361/695; 126/299 D, 299 R;
D26/51, 72, 73; D32/15, 16

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a cooling fan, as shown and described.

DESCRIPTION

FIG. 1 is a front view of the cooling fan embodying our new ornamental design and with environmental structure shown in phantom.

FIG. 2 is a rear view of the cooling fan shown in FIG. 1.

FIG. 3 is a cross sectional view showing one blade.

FIG. 4 is another cross sectional view with the cooling fan inverted showing one blade.

FIG. 5 is an edge view of a blade.

FIG. 6 is the view of FIG. 5 inverted.

FIG. 7 is a perspective view of the cooling fan showing one blade in isolation.

FIG. 8 is a front view of a single cooling fan blade similar to the view in FIG. 1 but without the environmental structure shown in phantom.

FIG. 9 is a rear view of a single cooling fan blade similar to the view in FIG. 2 but without the environmental structure shown in phantom.

FIG. 10 is a side view of a single cooling fan blade similar to the view in FIG. 3 but without the environmental structure shown in phantom.

FIG. 11 is a inverted view of a single cooling fan blade similar to the view in FIG. 4 but without the environmental structure shown in phantom.

FIG. 12 is a edge view of a single cooling fan blade similar to the view in FIG. 5 but without the environmental structure shown in phantom.

FIG. 13 is an inverted edge view of a single cooling fan blade similar to the view in FIG. 6 but without the environmental structure shown in phantom.

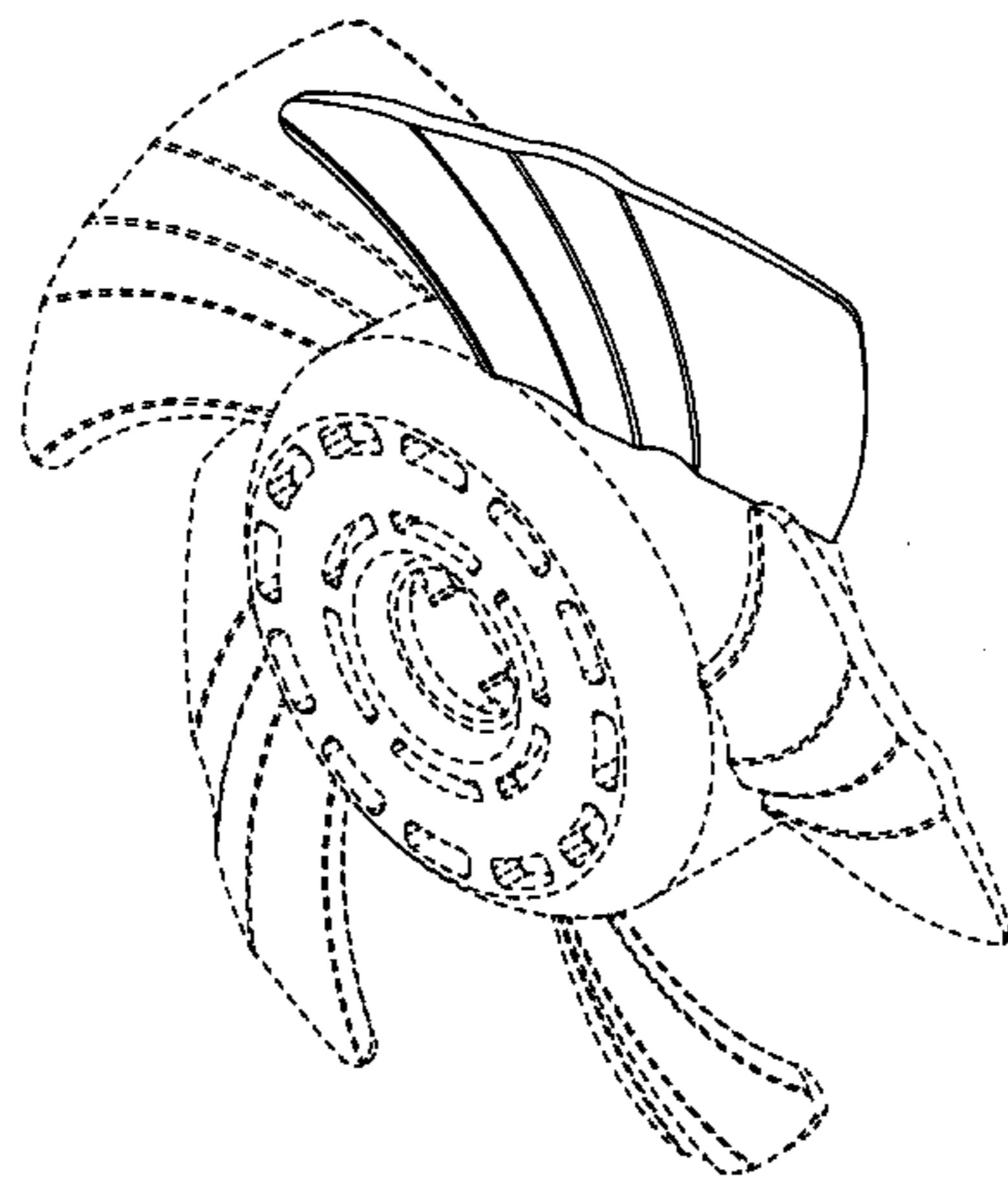
FIG. 14 is a perspective view of a single cooling fan blade indicating the location of cross-sectional views A-A and B-B found in FIGS. 15 and 16 respectively.

FIG. 15 is a cross-sectional view of the blade shown in FIG. 14 from location A-A; and,

FIG. 16 is a cross-sectional view of the blade shown in FIG. 14 from location B-B.

The broken lines in the drawings depict environmental subject matter only and form no part of the claimed design.

1 Claim, 16 Drawing Sheets



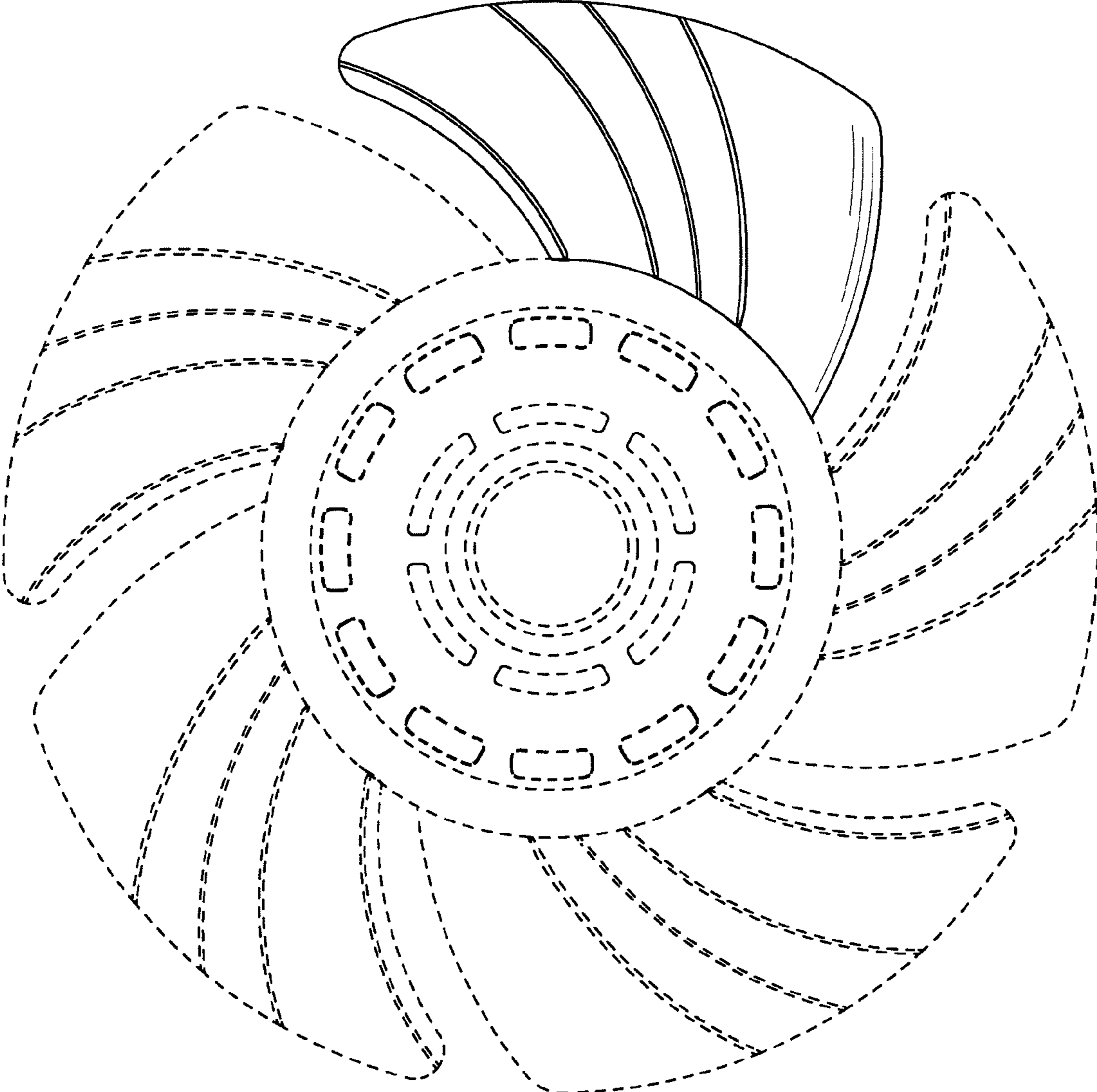


Fig. 1

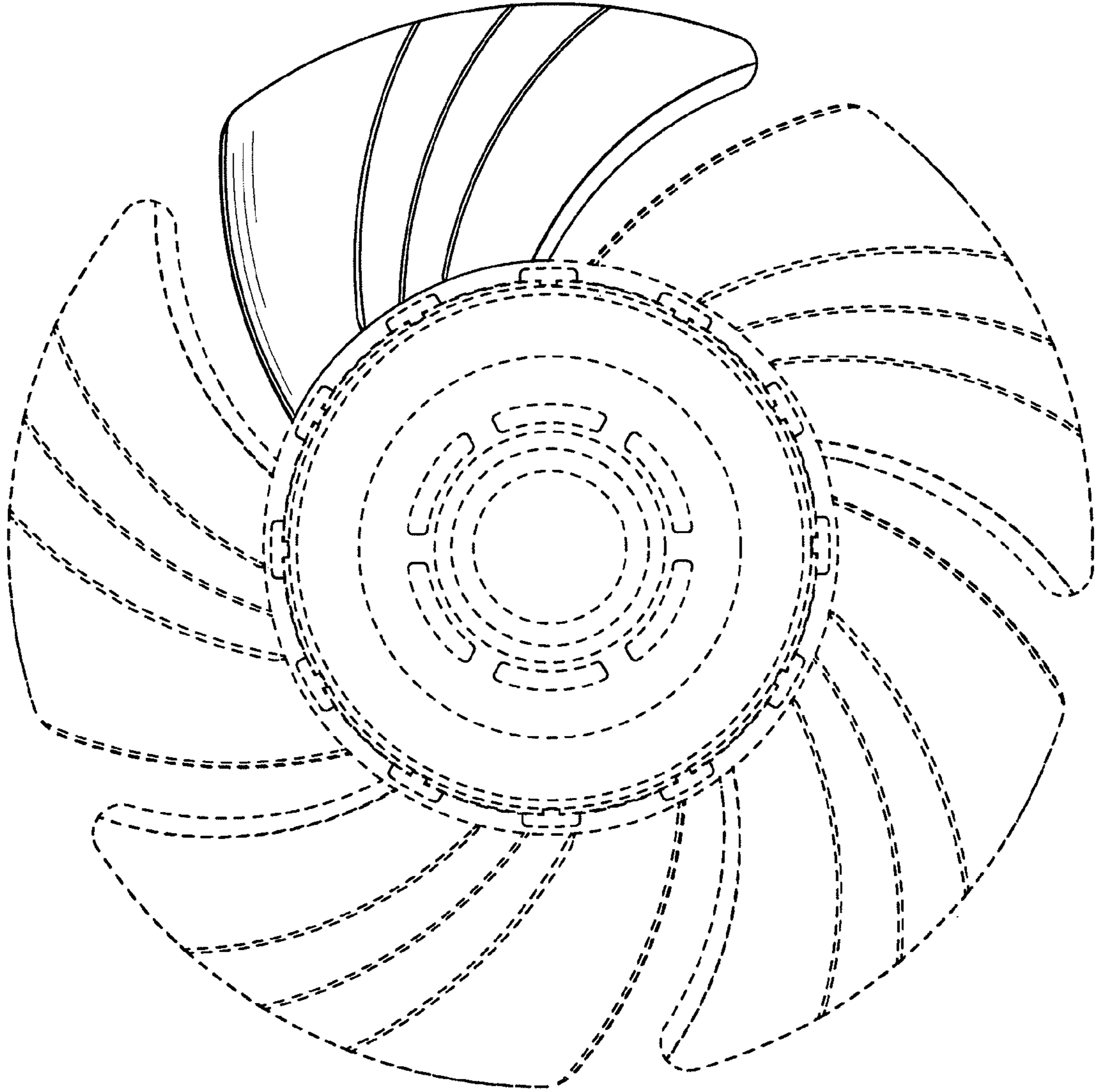


Fig. 2

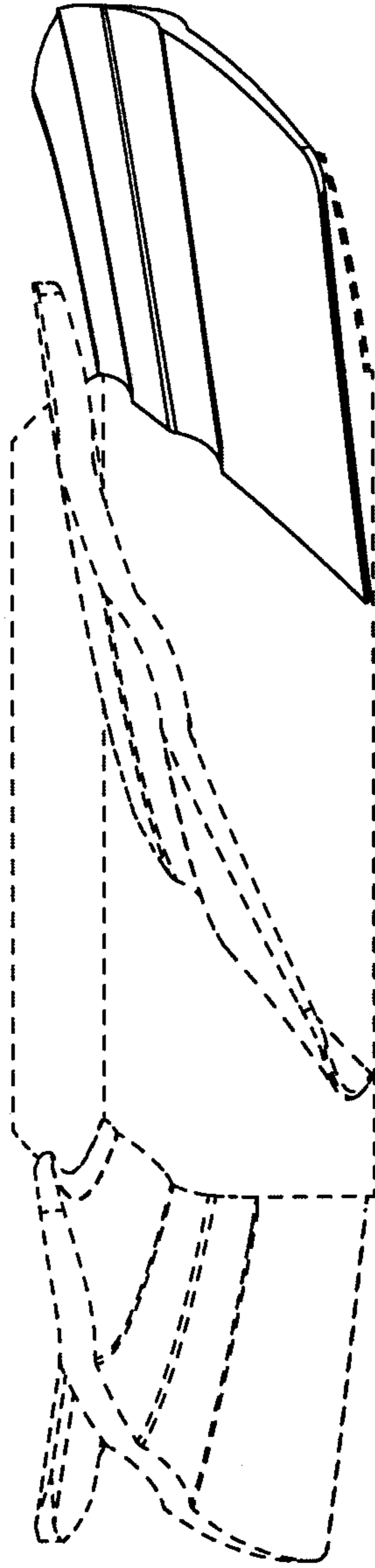


Fig. 3

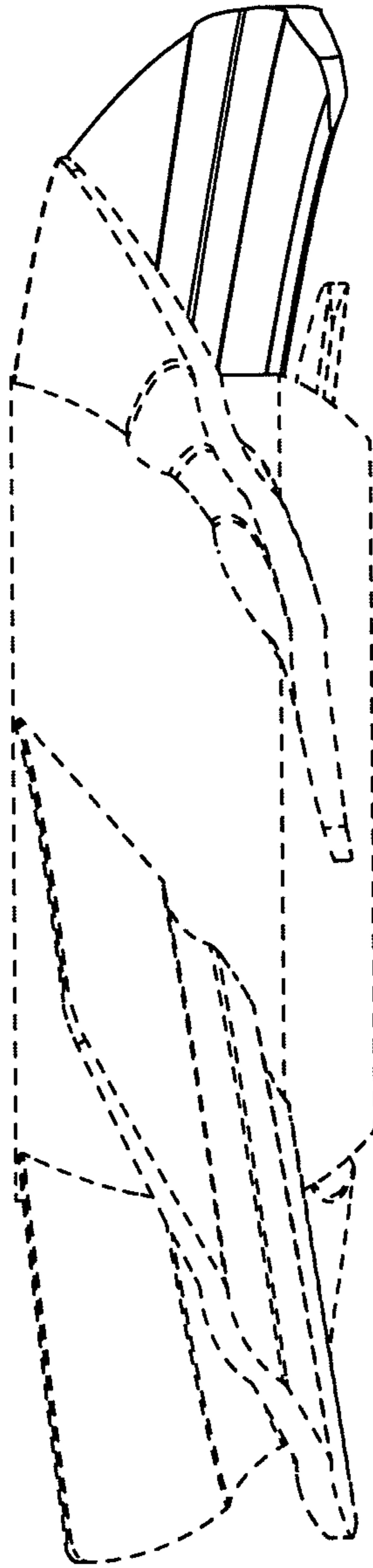


Fig. 4

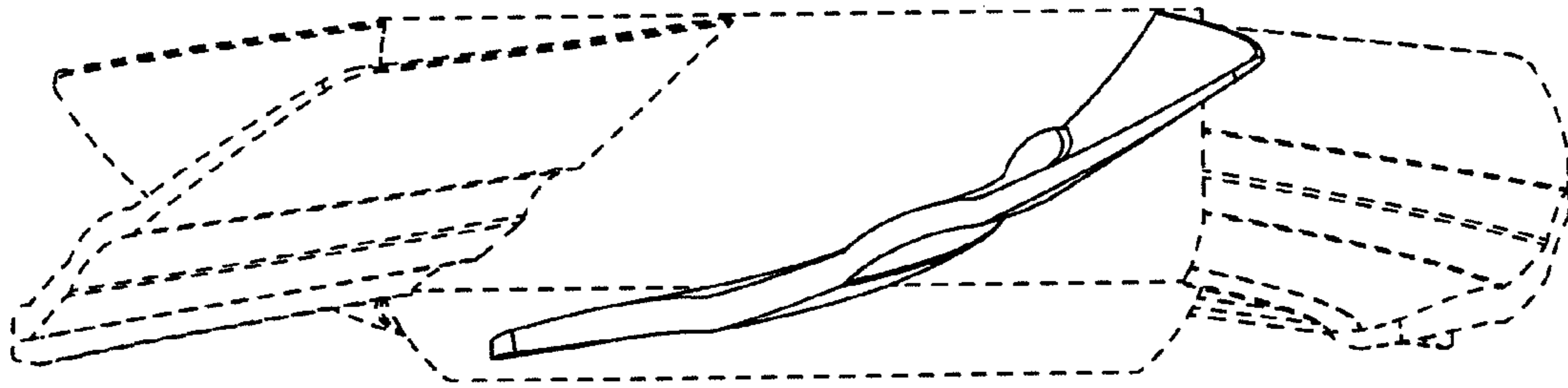


Fig. 5

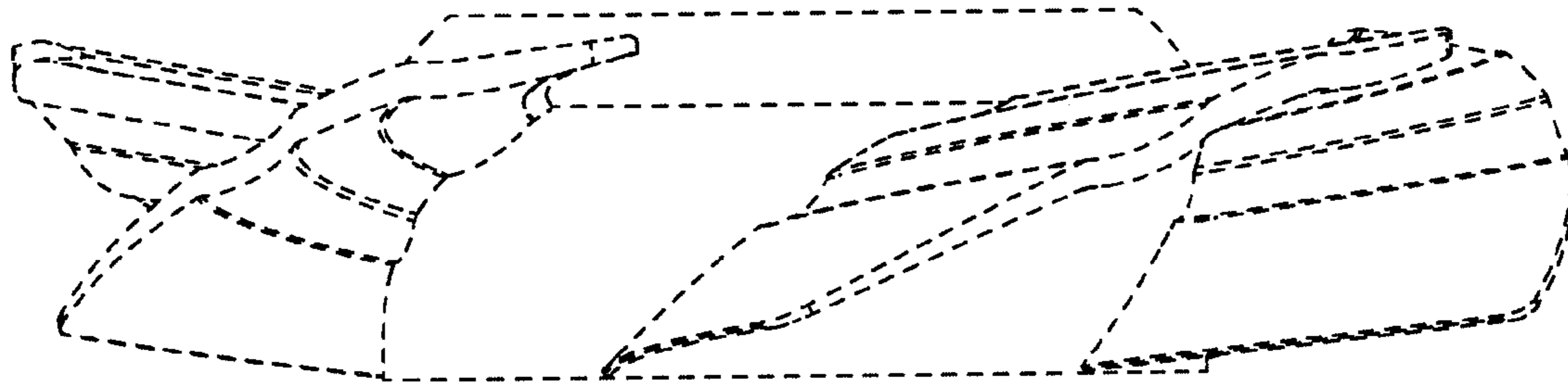


Fig. 6

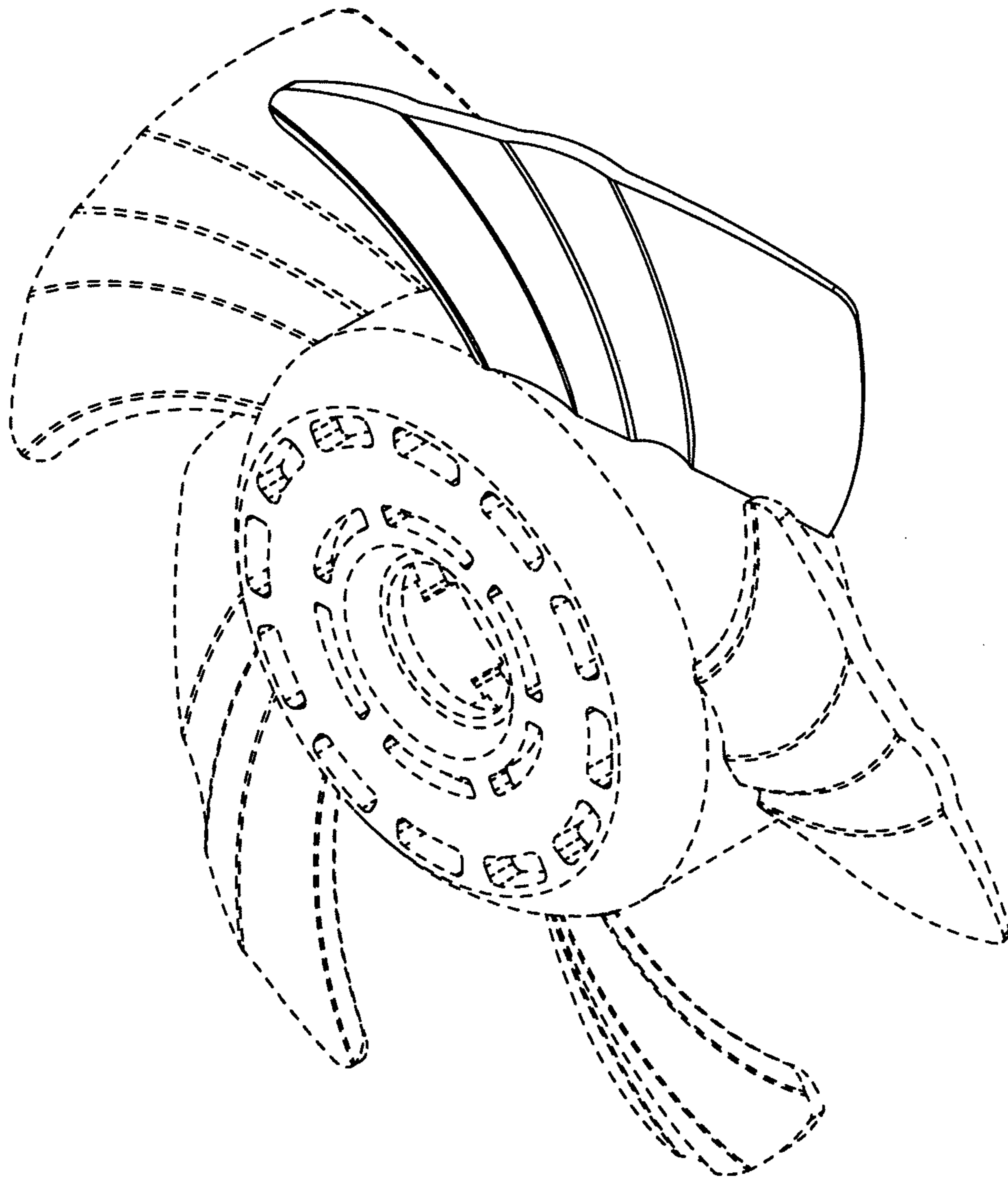


Fig. 7

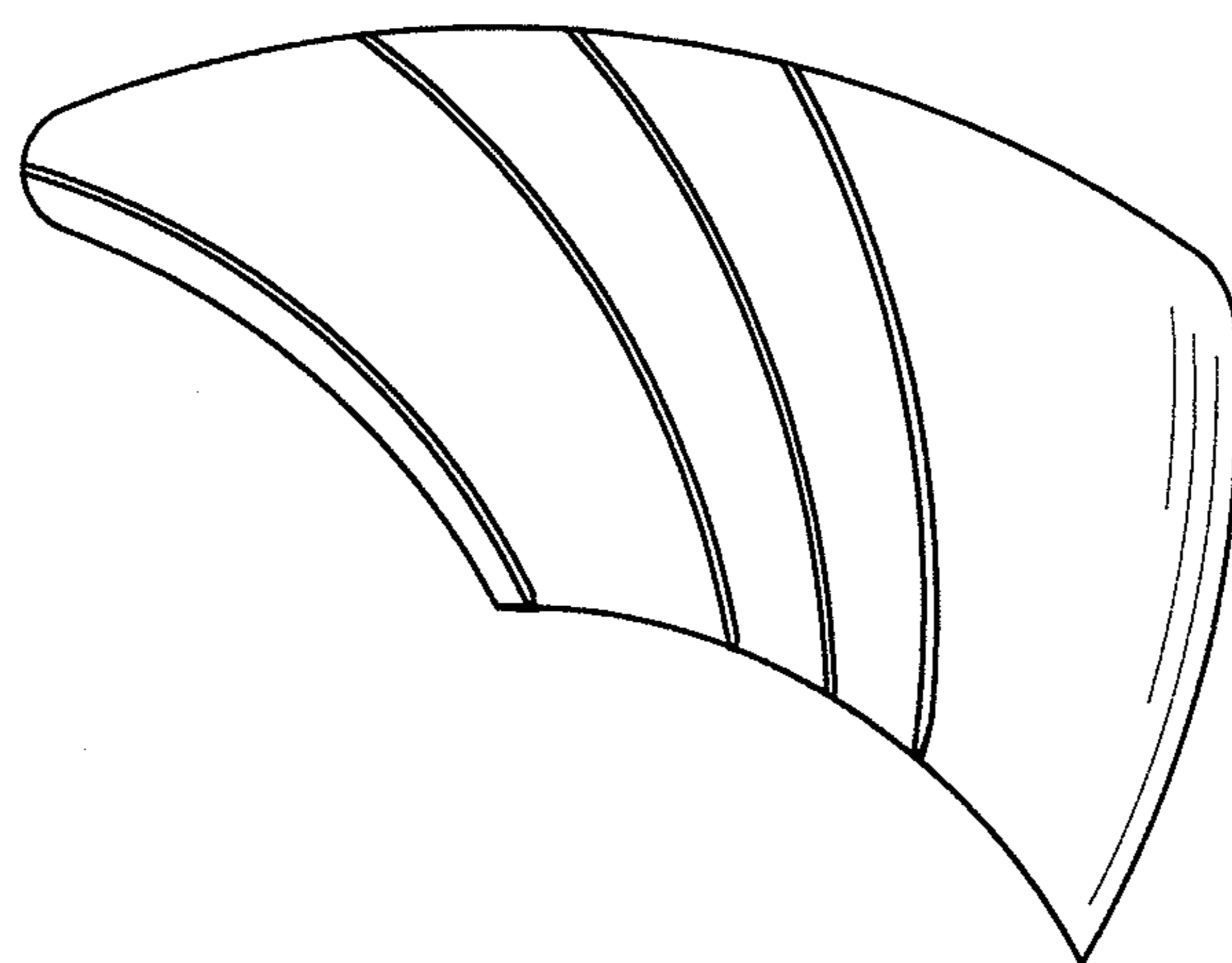


Fig. 8

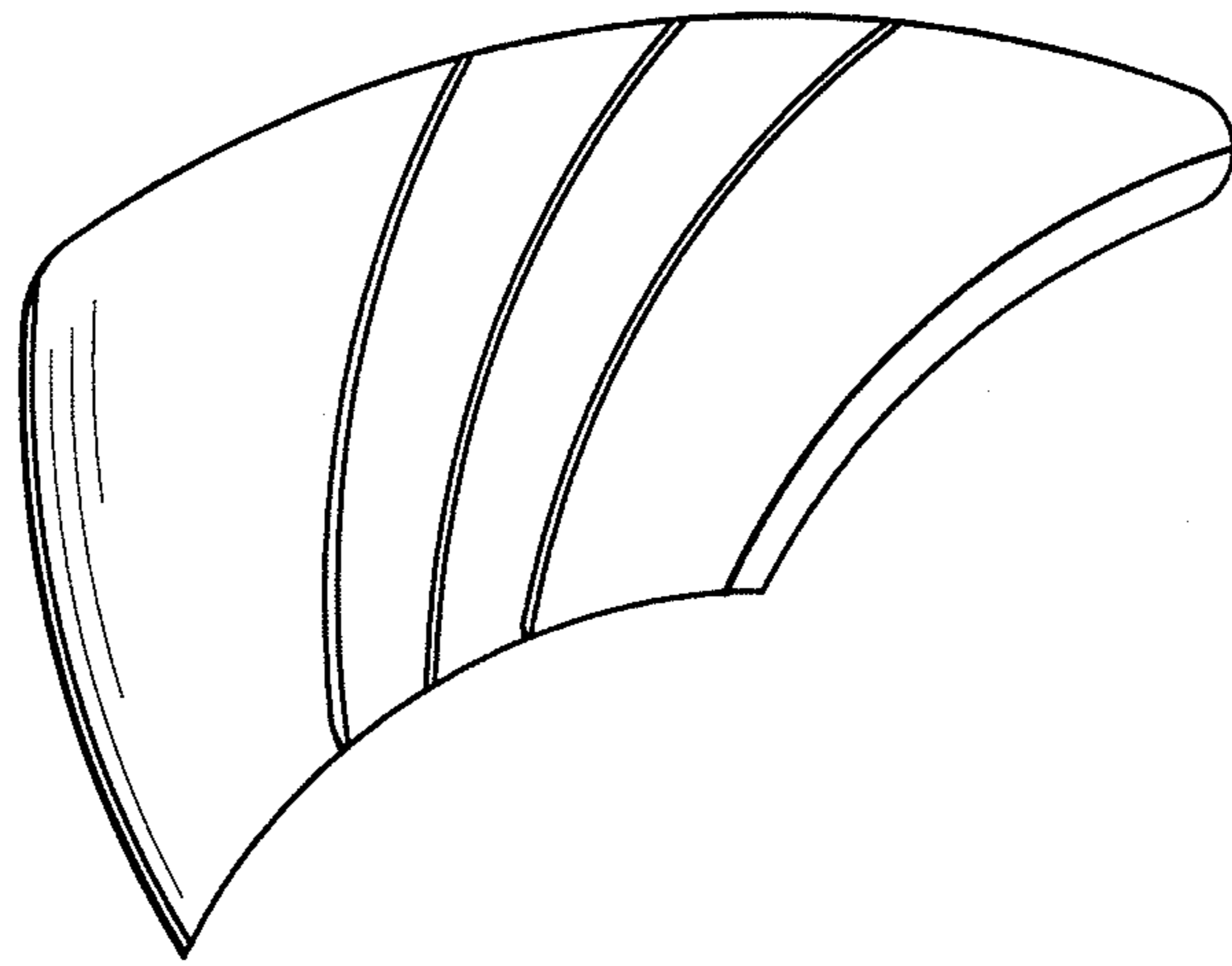


Fig. 9

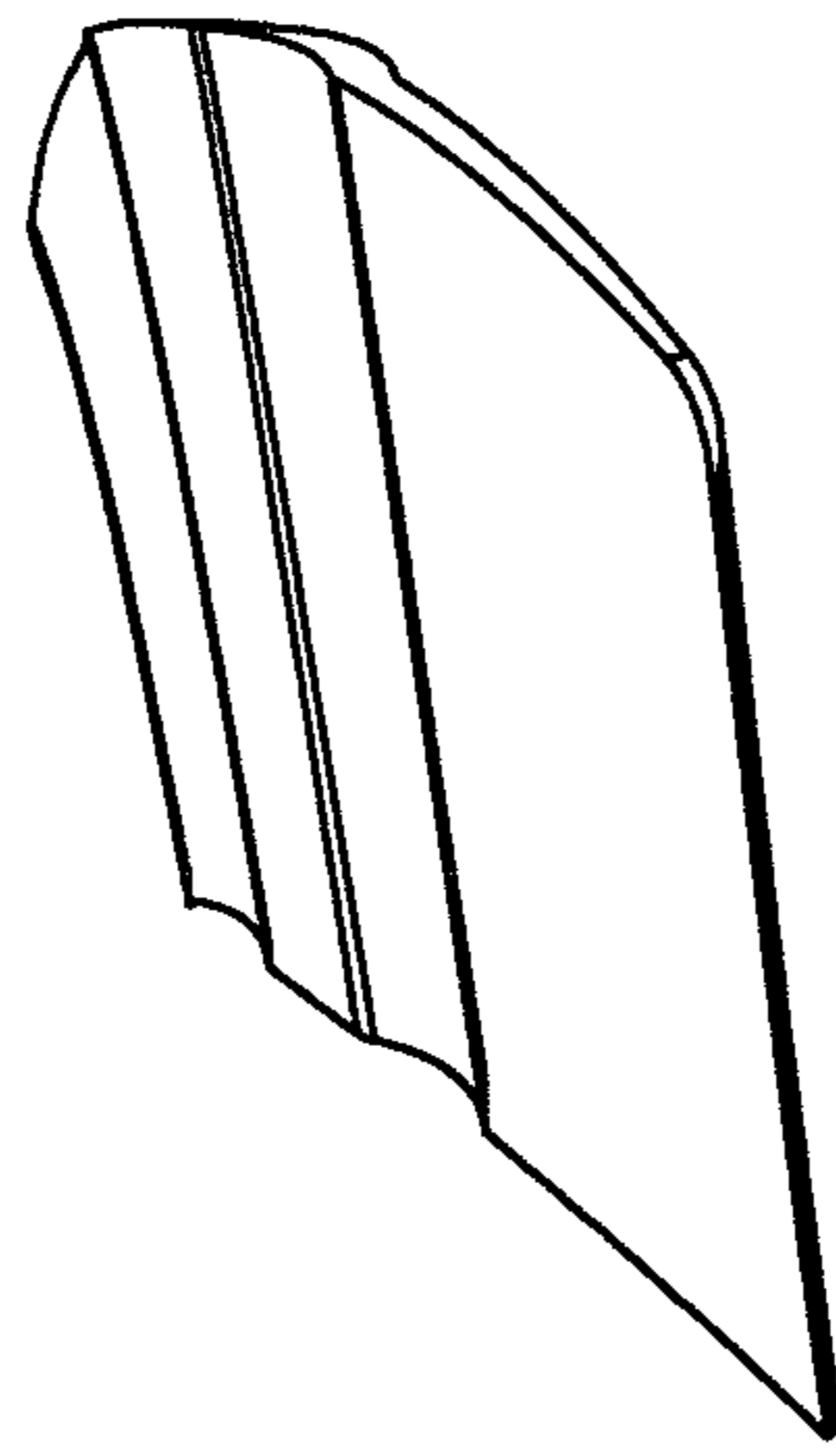


Fig. 10

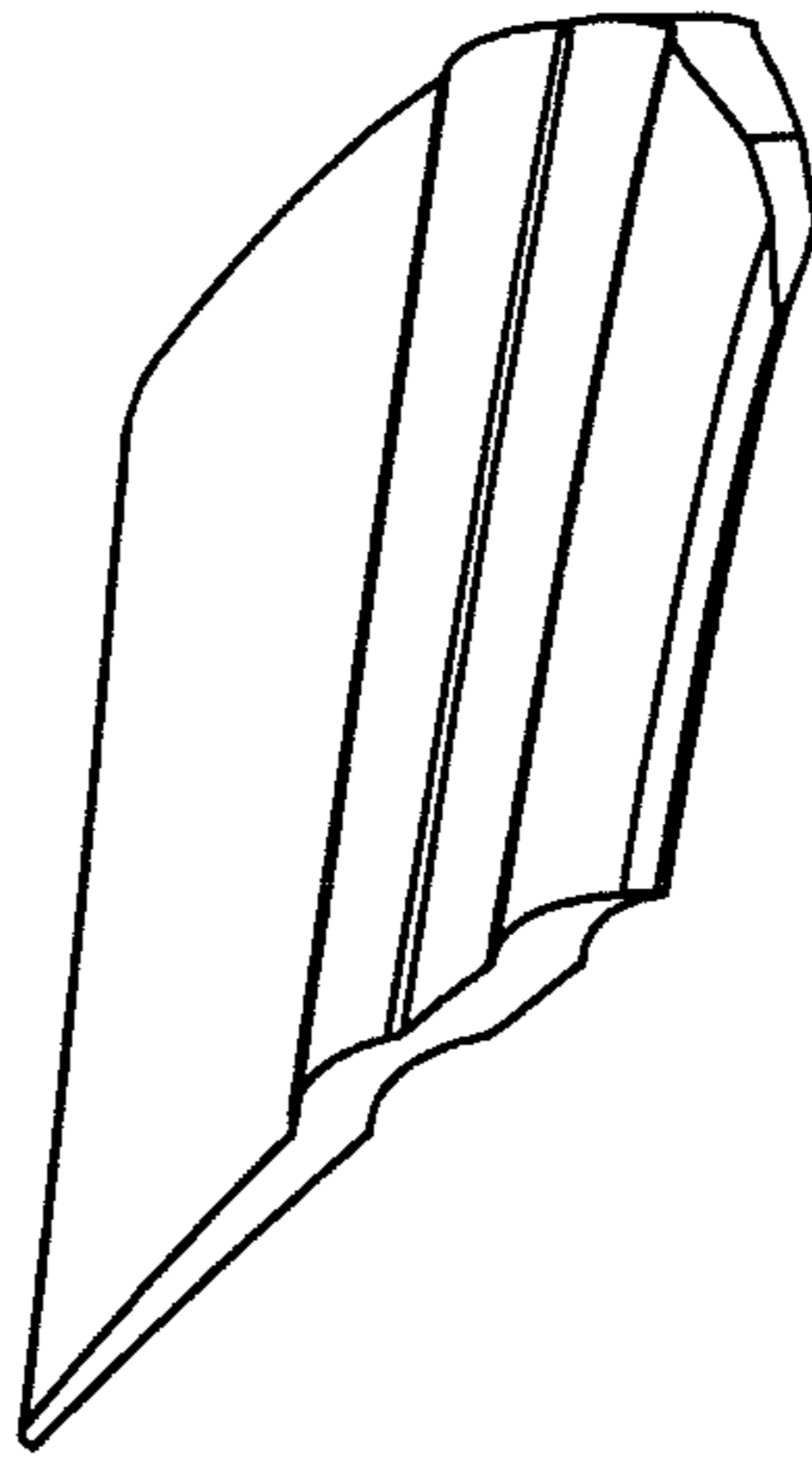


Fig. 11

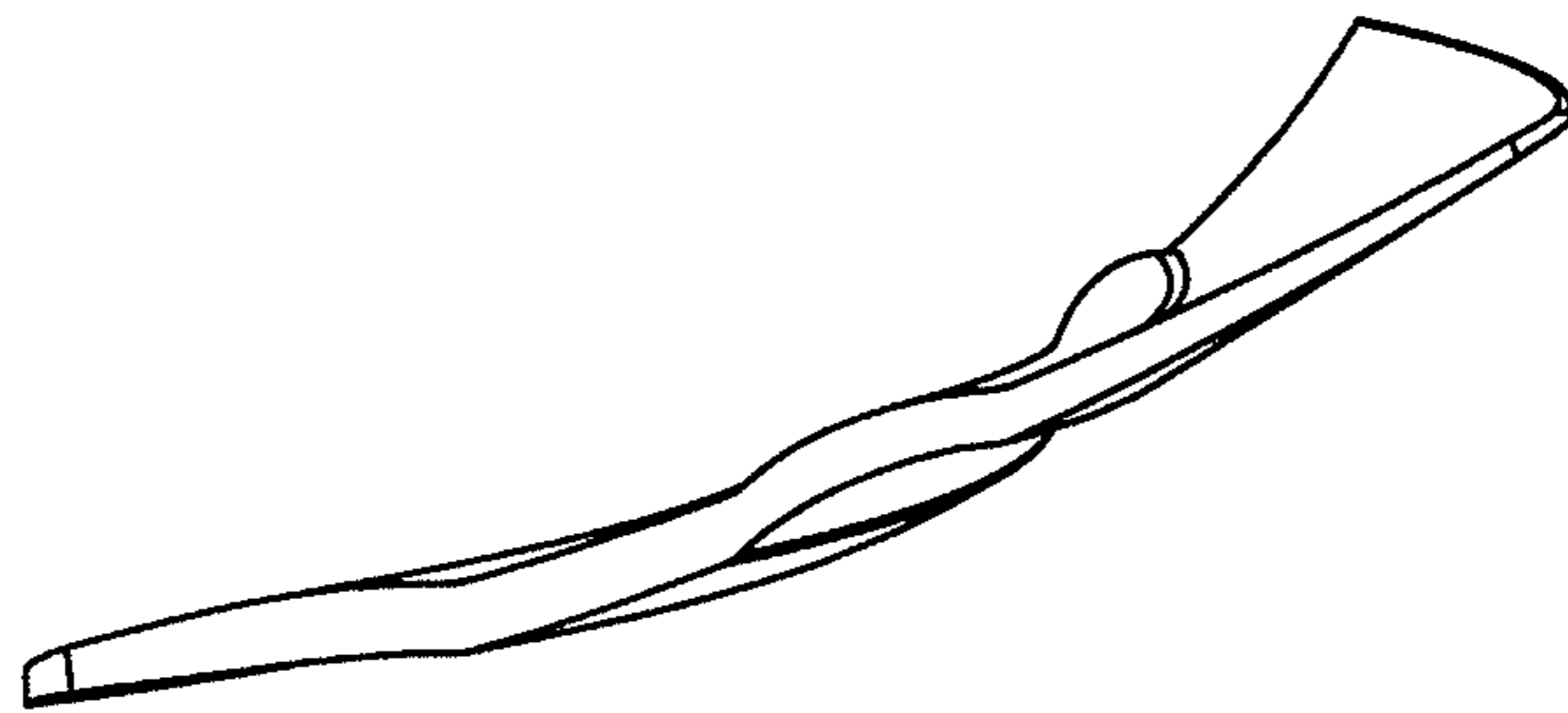


Fig. 12

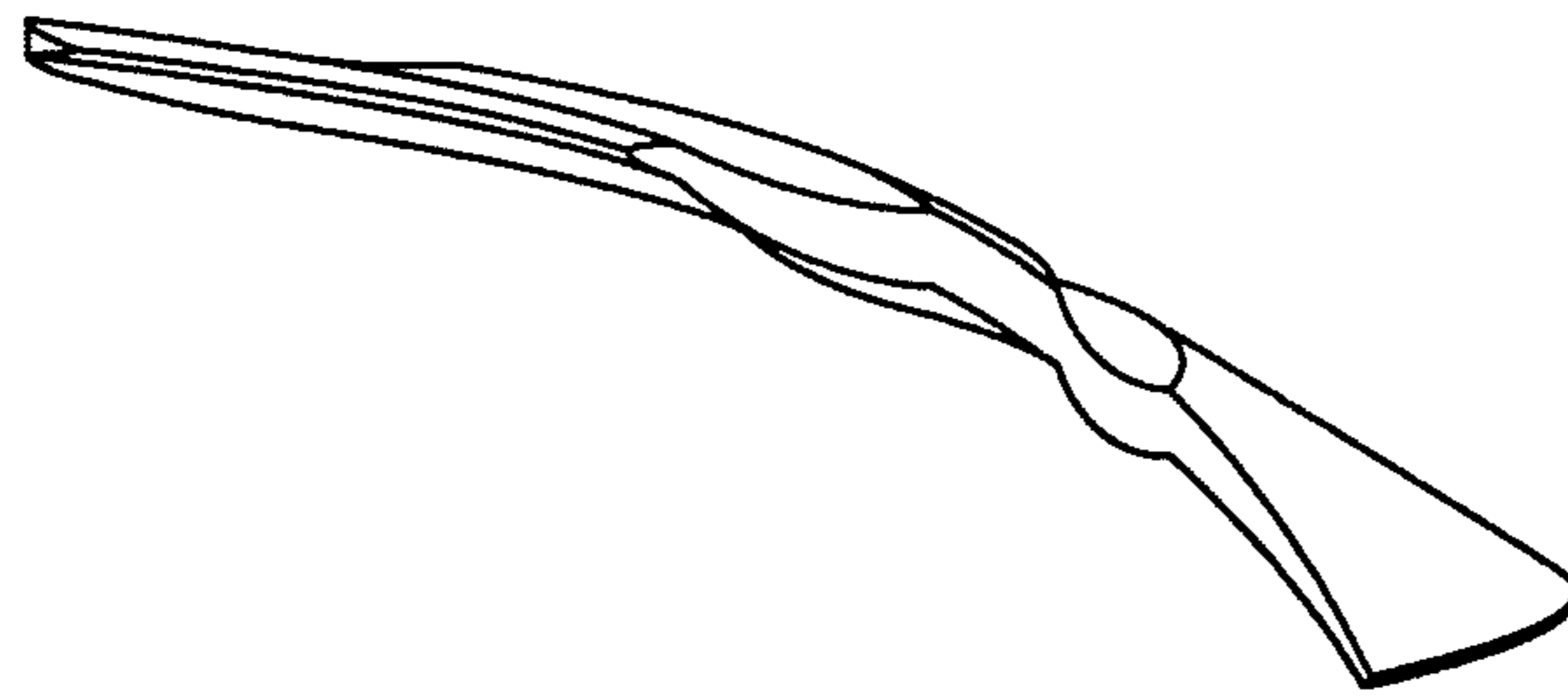


Fig. 13

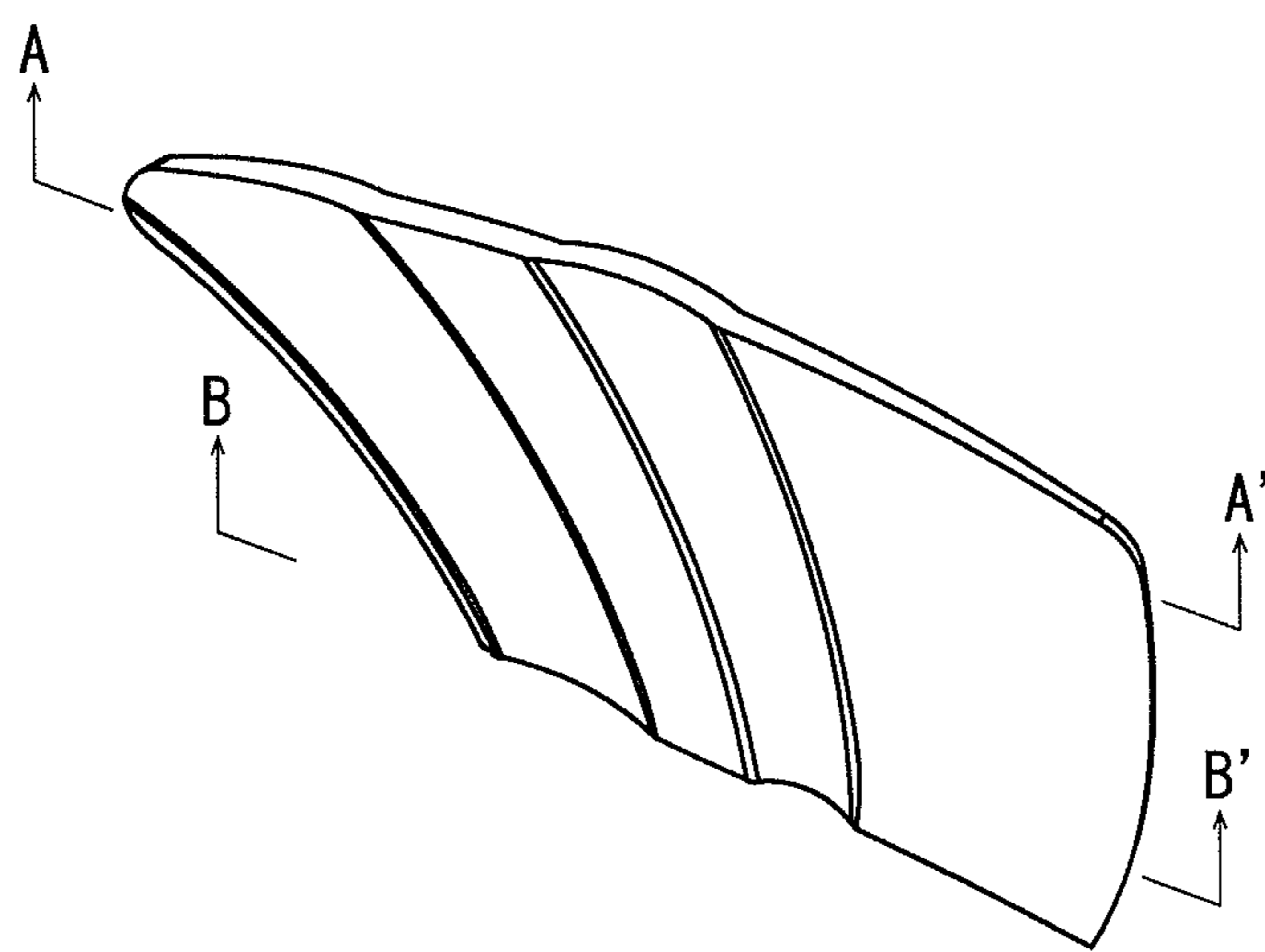


Fig. 14

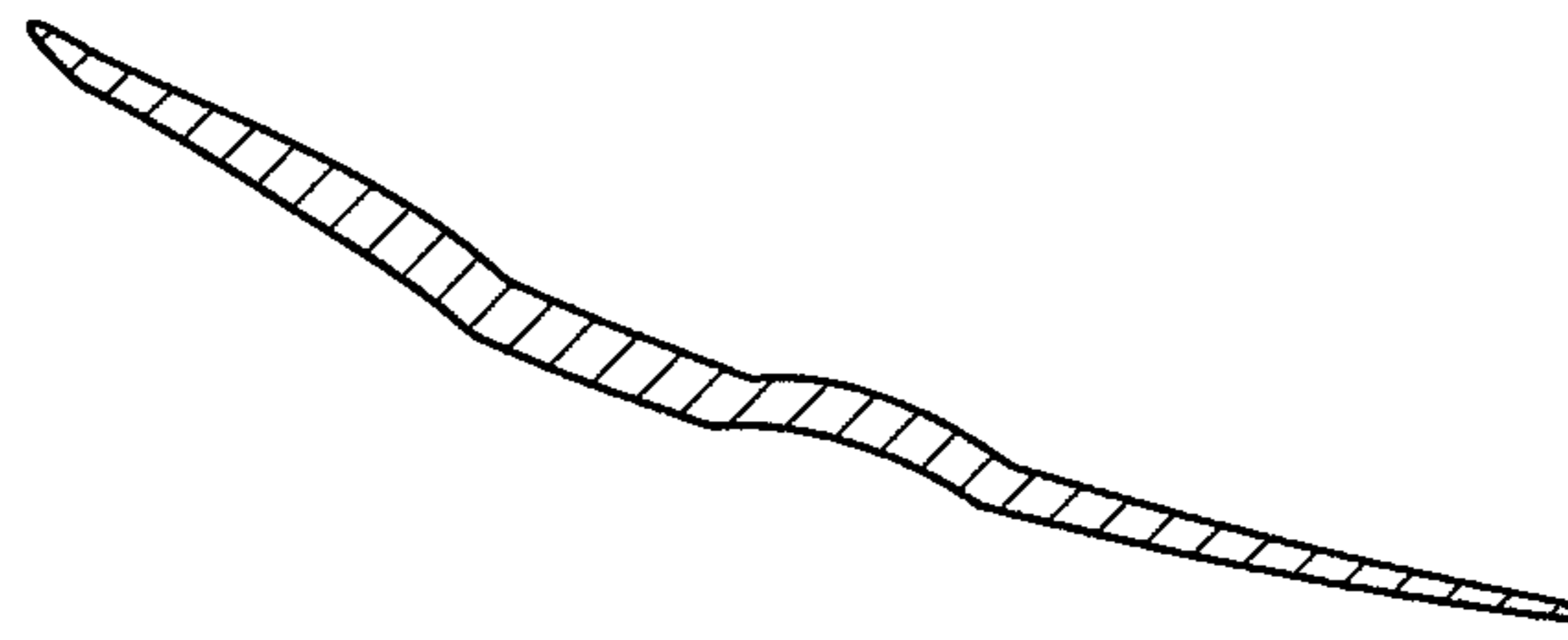


Fig. 15

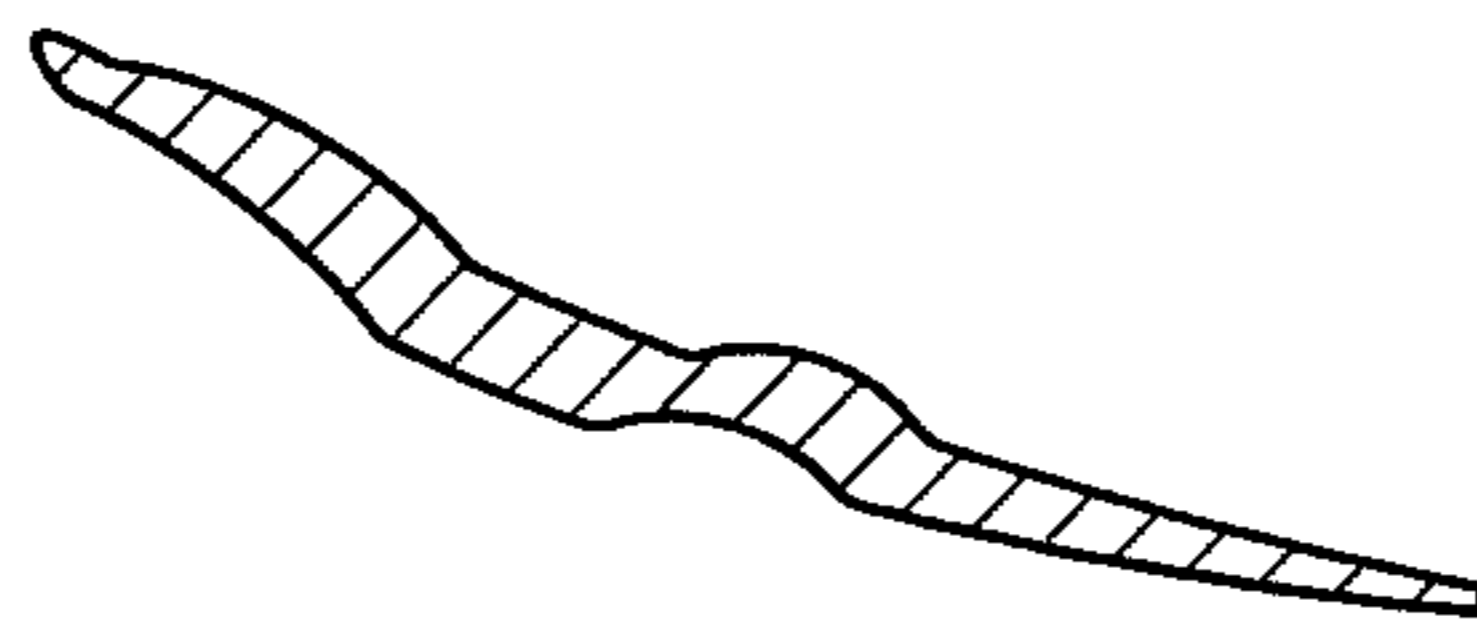


Fig. 16