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

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(54) **PROTECTIVE SHIELD FOR CONCRETE HOSE JOINTS**

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

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Related U.S. Application Data

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(51) **LOC (13) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/262**

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D13/155; 138/96 R, 109–110, 118–118.1,
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251/146–152; D8/303, 382; 403/320;
D15/21

CPC ... F16L 25/0027; F16L 3/1075; F16L 3/1091;
F16L 58/184; F16L 15/08; Y10T
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See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a protective shield for concrete hose joints, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view showing my new design for the protective shield covering concrete hose joints, the protective shield being shown in a closed position;

FIG. 2 is a rear elevational view of the protective shield in the closed configuration;

FIG. 3 is a left end elevational view of the protective shield in the closed configuration;

FIG. 4 is a right end elevational view of the protective shield in the closed configuration;

FIG. 5 is a perspective view of the protective shield shown in the opened configuration to show the interior configuration for protecting the joint mechanism that connects two concrete hose segments;

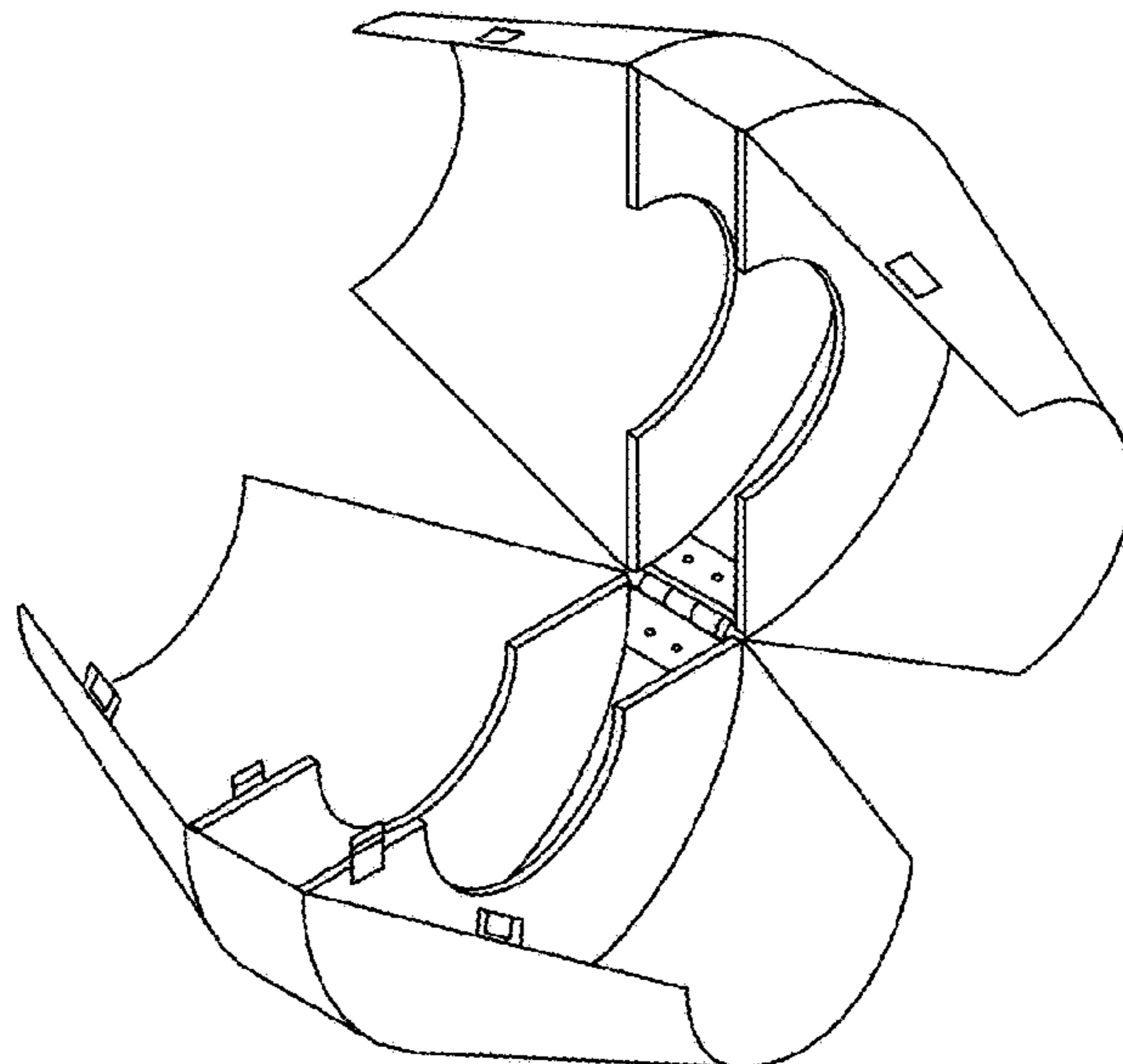
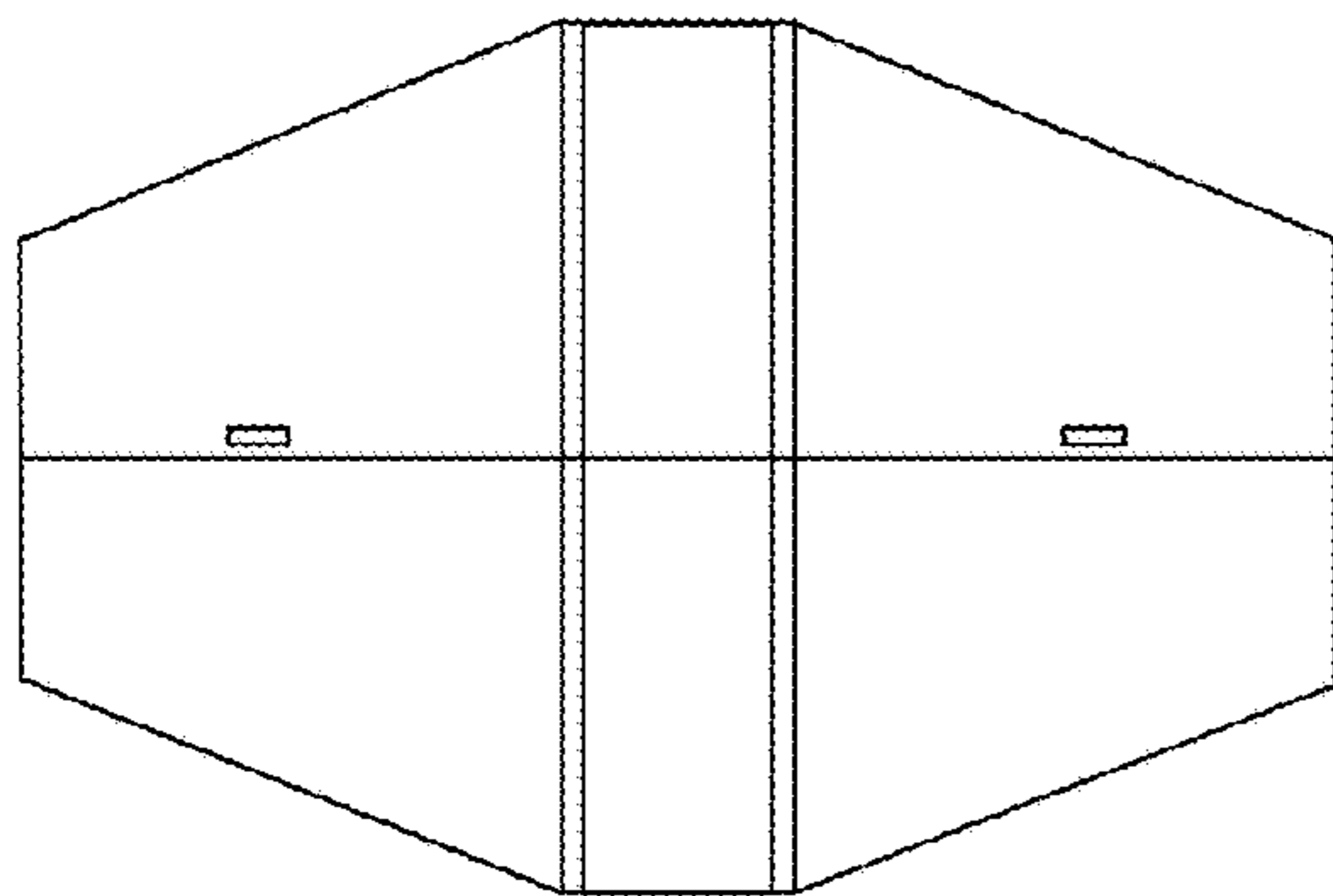
FIG. 6 is an end elevational view of the protective shield in the opened configuration;

FIG. 7 is a perspective view of the protective shield in the opened configuration shown in a position of use in its environment; and,

FIG. 8 is a perspective view of the protective shield in position of use and shown in its environment.

The broken lines shown in FIGS. 7 and 8 illustrate environment that form no part of the claim.

1 Claim, 5 Drawing Sheets



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Fig. 1

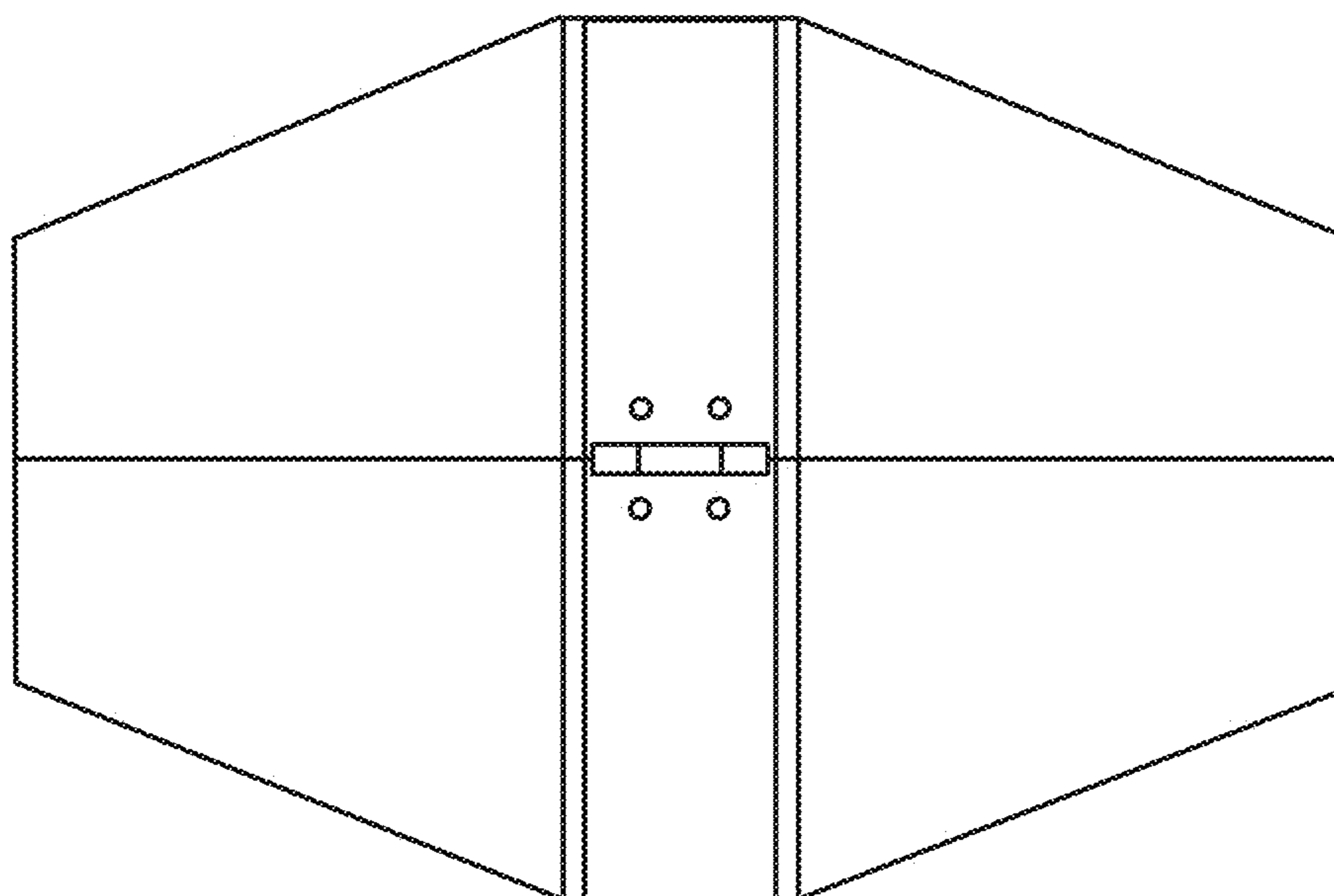
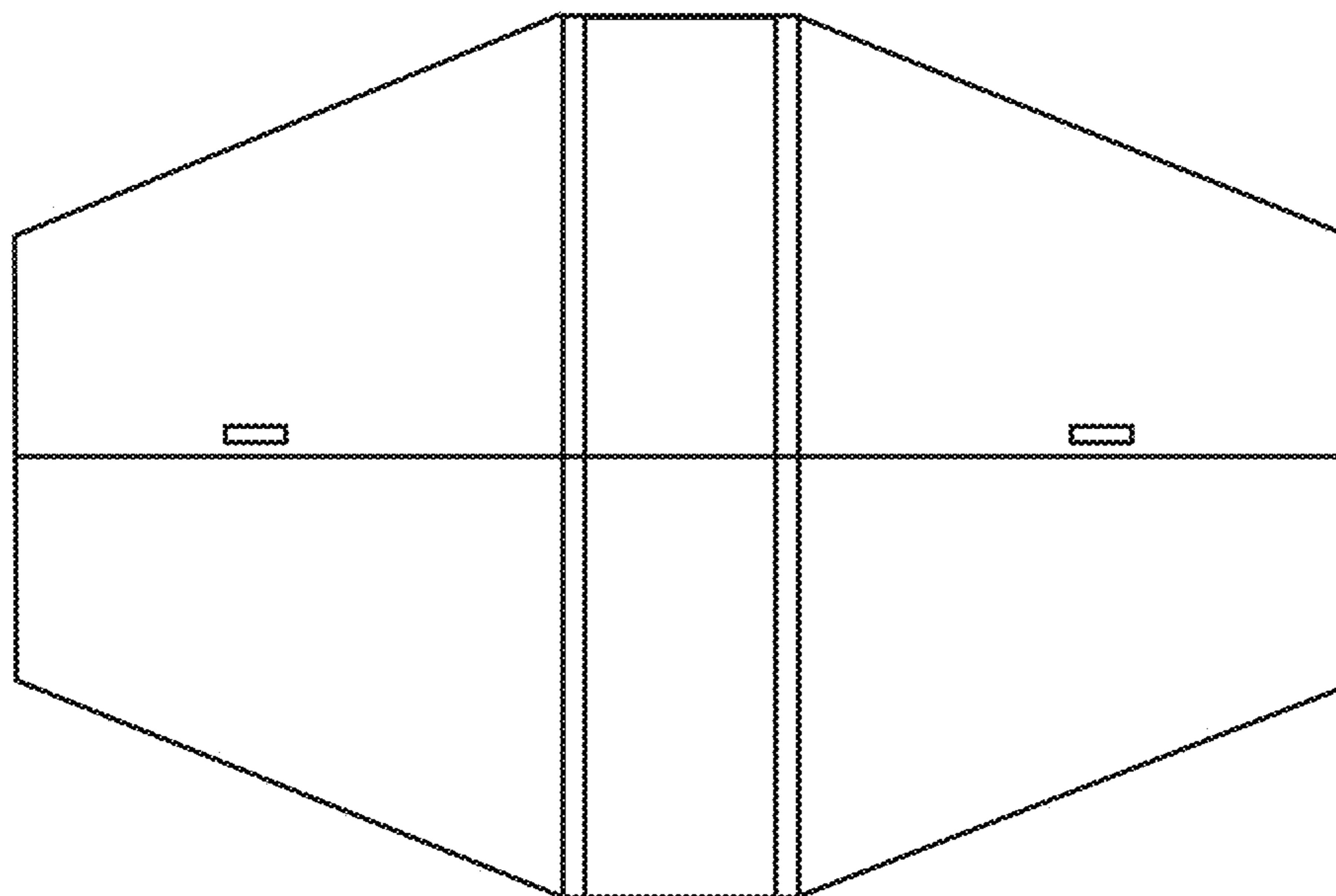


Fig. 2

Fig. 3

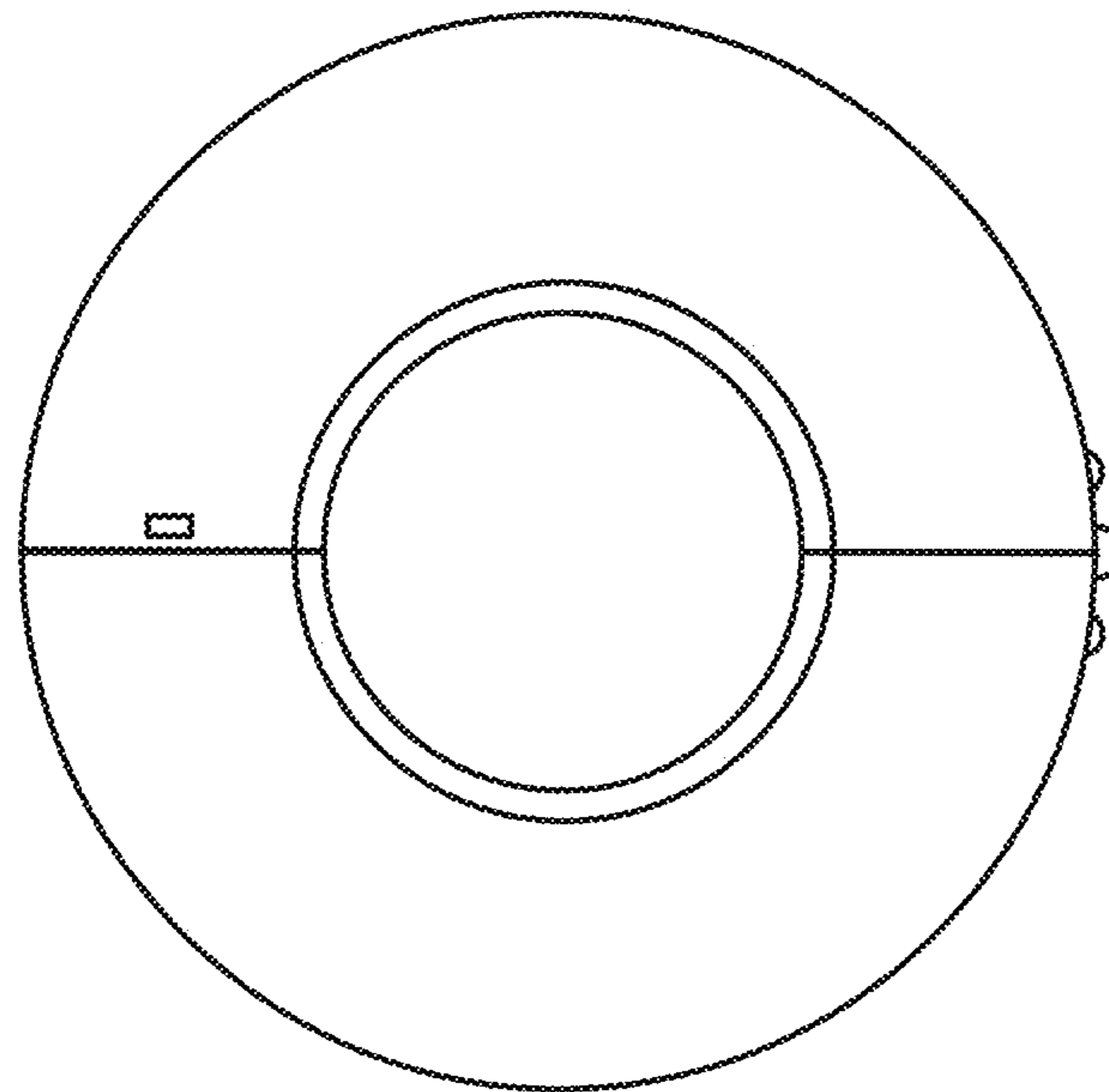
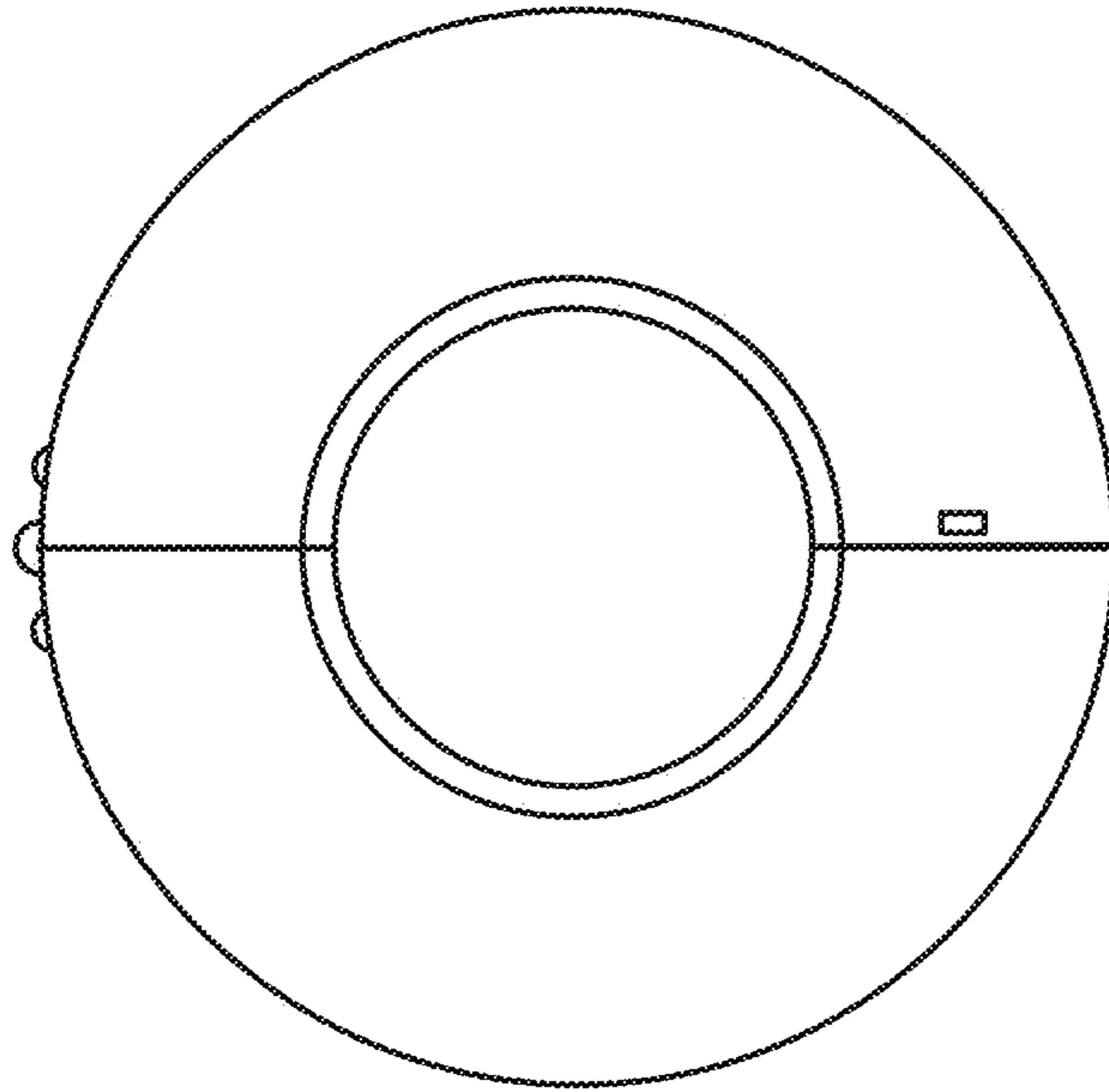


Fig. 4

Fig. 5

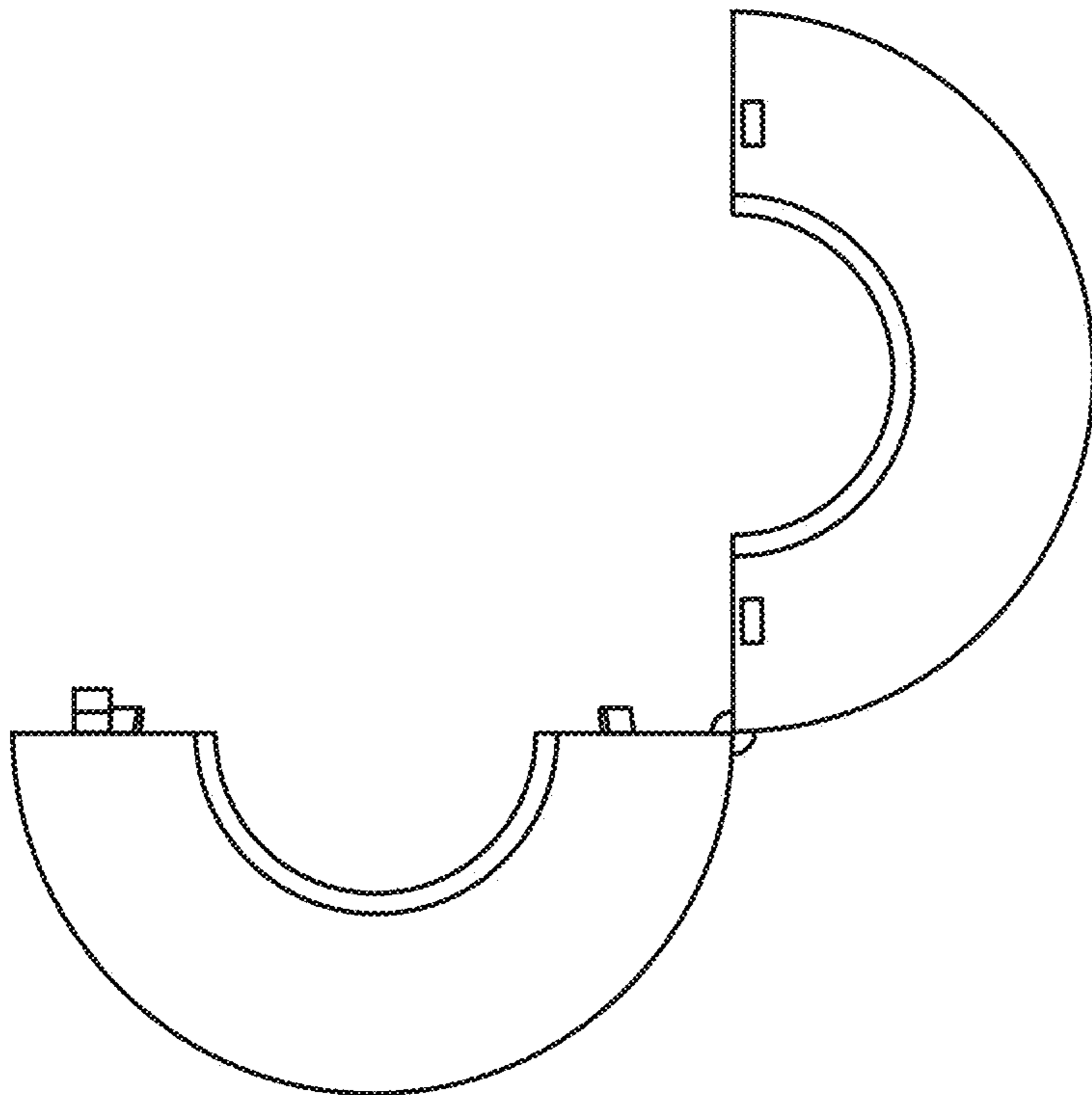
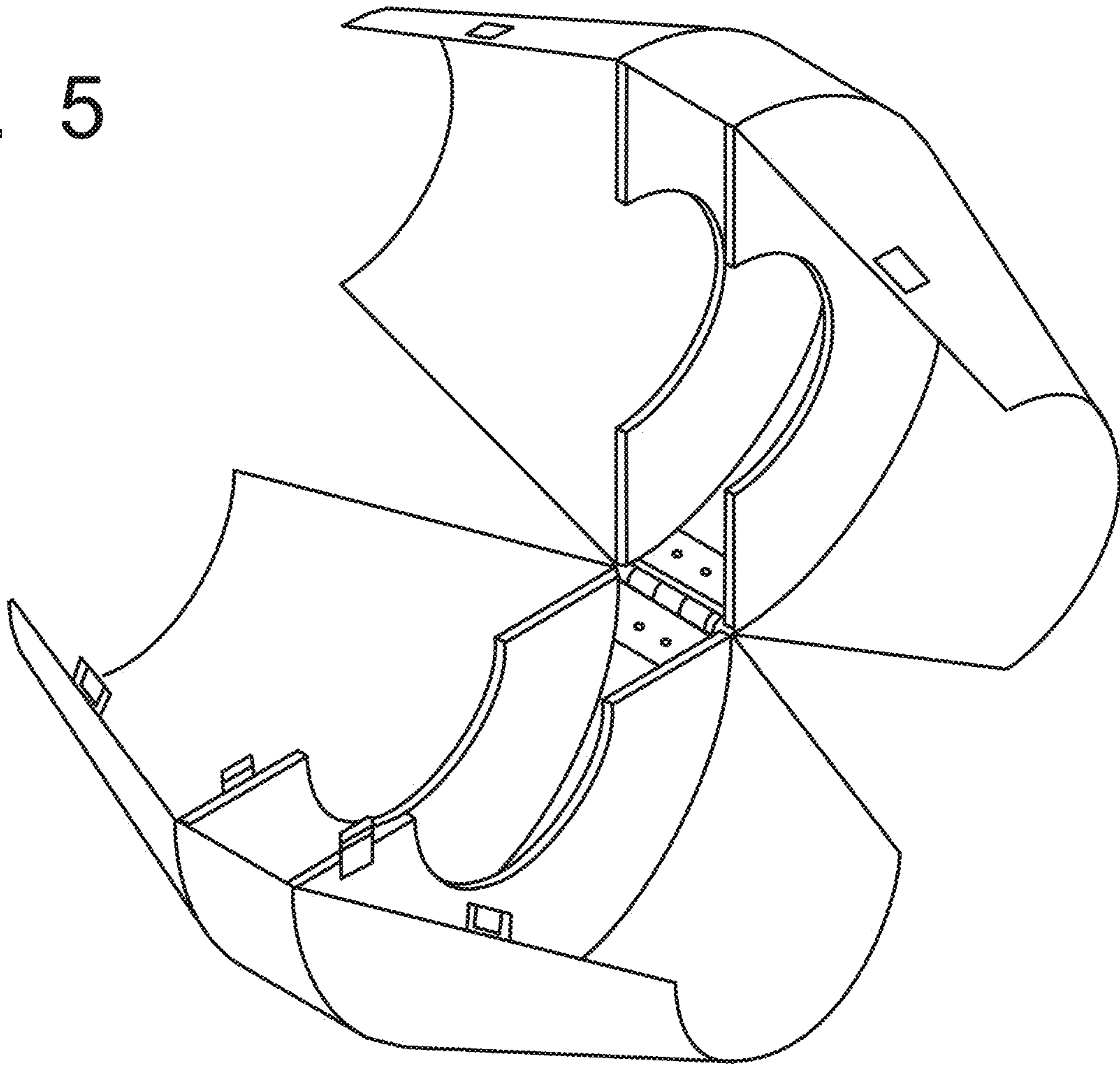


Fig. 6

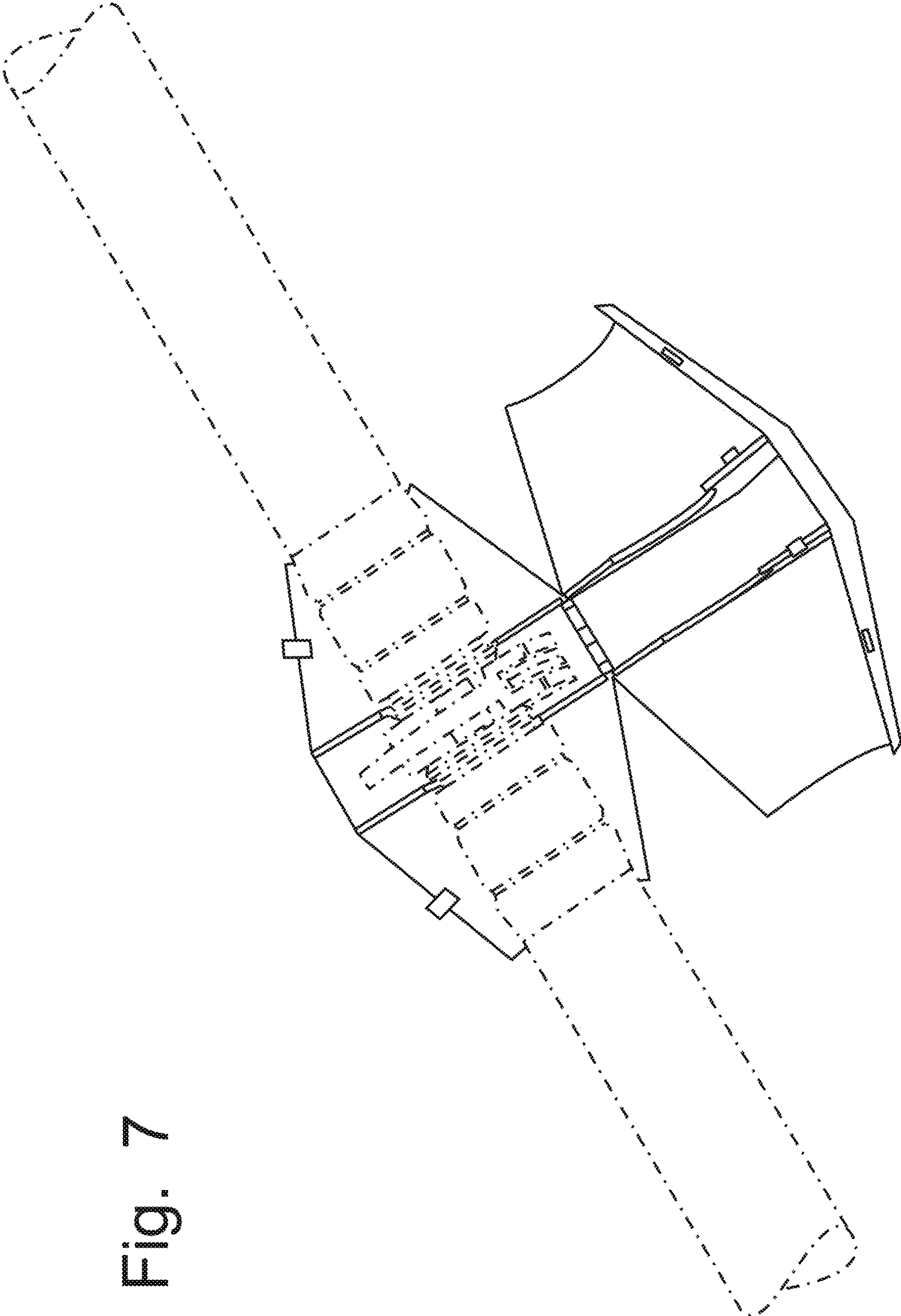


Fig. 7

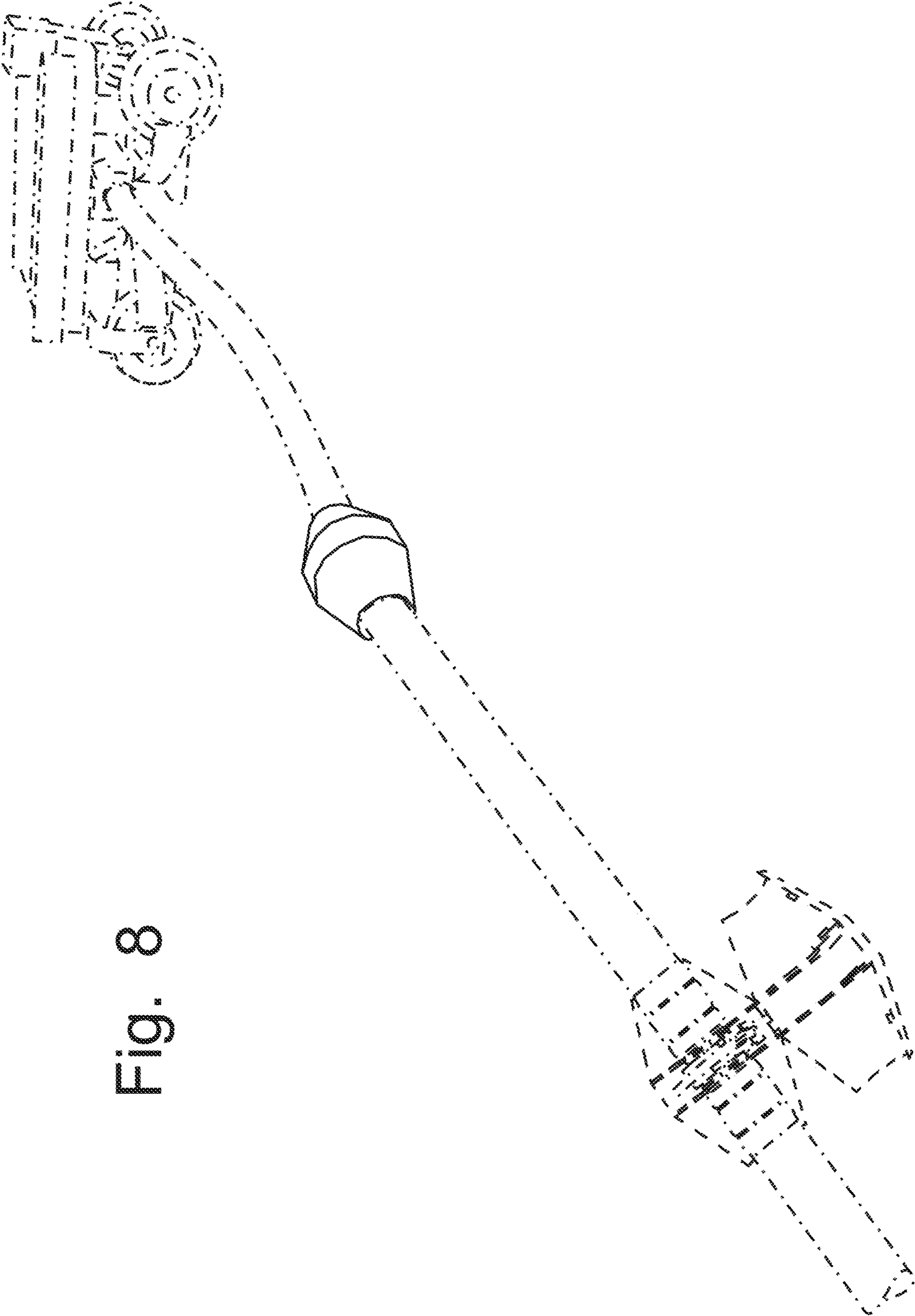


Fig. 8