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(12) **United States Design Patent** (10) **Patent No.:** **US D892,605 S**  
**Sokol et al.** (45) **Date of Patent:** **\*\* Aug. 11, 2020**

(54) **SELF-DRILLING SCREW WITH IMPROVED DRILL TIP**

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

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**Related U.S. Application Data**

(62) Division of application No. 16/282,785, filed on Feb. 22, 2019, now abandoned.

(51) **LOC (12) Cl.** ..... **08-08**

(52) **U.S. Cl.**  
USPC ..... **D8/387**

(58) **Field of Classification Search**

USPC ..... D8/387, 388  
CPC ..... F16B 23/0007; F16B 23/0015; F16B 23/0023; F16B 23/003; F16B 23/0038; F16B 23/0046; F16B 23/0053; F16B 23/0061; F16B 25/103; F16B 25/0015; F16B 25/0021; F16B 25/0026; F16B 25/0031; F16B 25/0036; F16B 25/0042; F16B 25/0052; F16B 25/0063; F16B 25/0068; F16B 25/0084; F16B 25/10; F16B 25/106; F16B 35/005; F16B 35/04; F16B 35/041; F16B 35/044; F16B 35/048; F16B 43/001

See application file for complete search history.

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(57) **CLAIM**

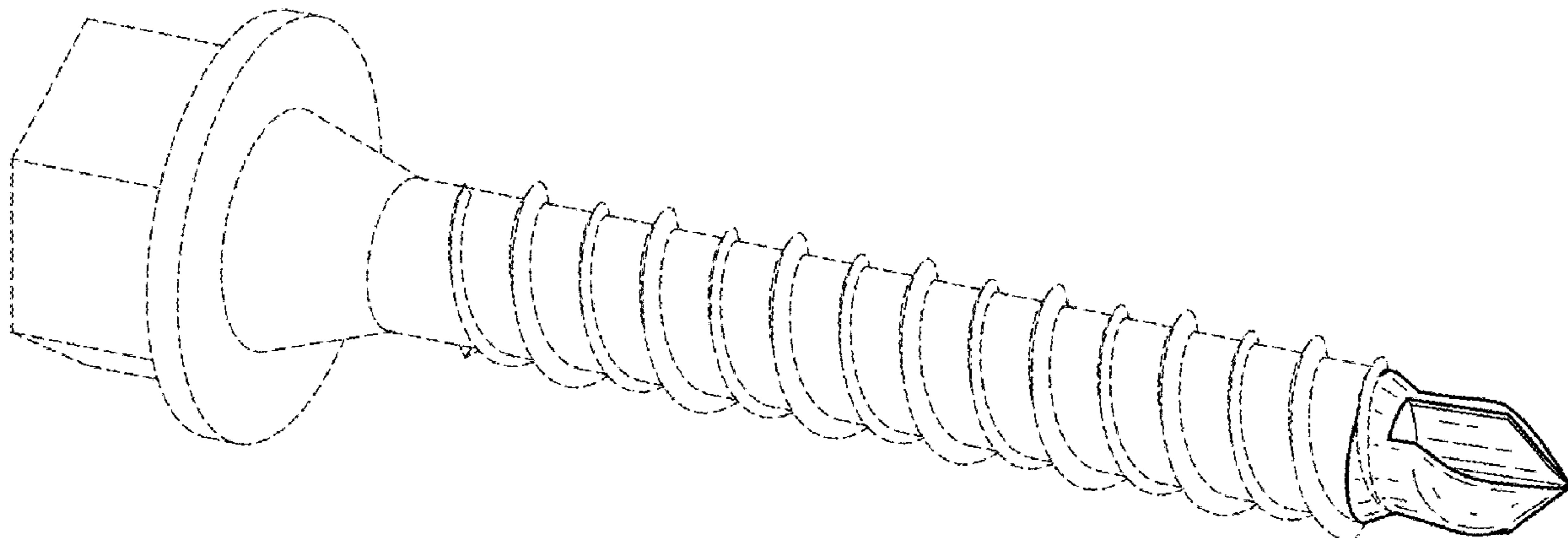
The ornamental design for a self-drilling screw with improved drill tip, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a self-drilling screw with improved drill tip incorporating our new design; FIG. 2 is a bottom perspective view thereof; FIG. 3 is a top perspective view thereof; FIG. 4 is a top plan view with a section line cut-through a drill tip thereof and illustrated in FIG. 12; FIG. 5 is a top plan view thereof; FIG. 6 is a front elevation view thereof; FIG. 7 is a rear elevation view thereof; FIG. 8 is a right end view thereof; FIG. 9 is a left end view thereof; FIG. 10 is an enlarged front elevation view of a drill tip thereof; FIG. 11 is an enlarged top plan view of a drill tip thereof; and, FIG. 12 is an enlarged section view thereof, cut through line 12-12 of FIG. 4.

The broken lines rendered in the drawings illustrates the environment of the claimed design and forms no part thereof.

**1 Claim, 5 Drawing Sheets**



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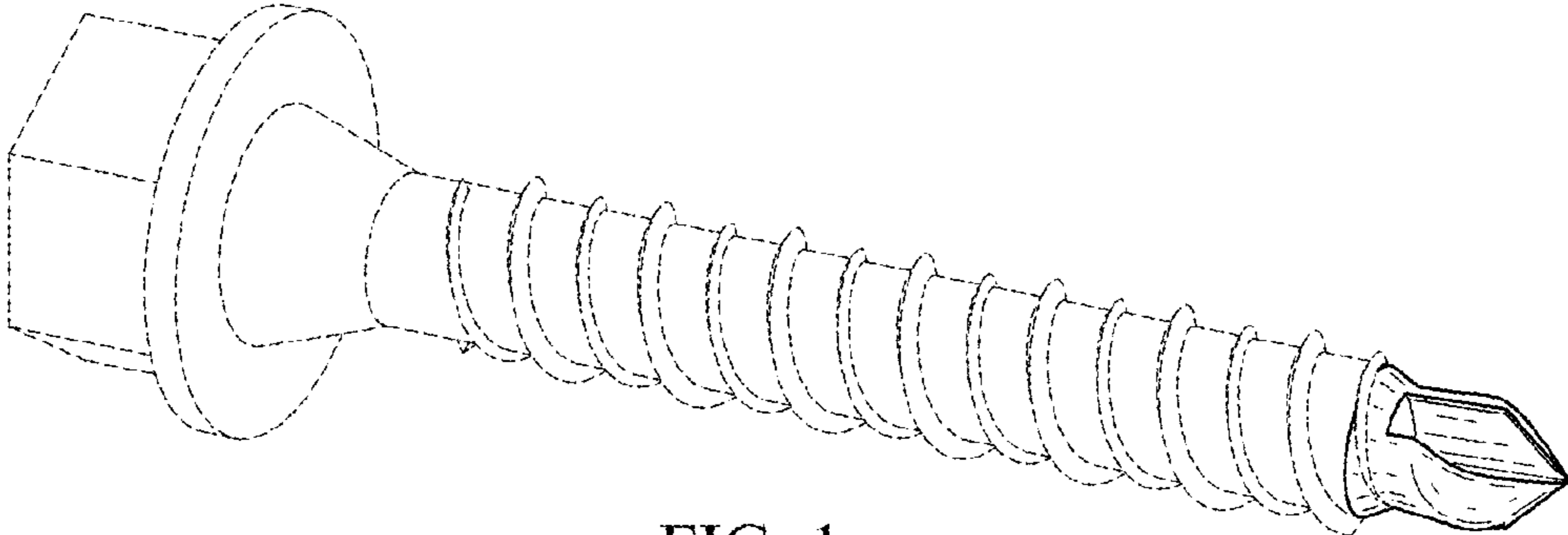


FIG. 1

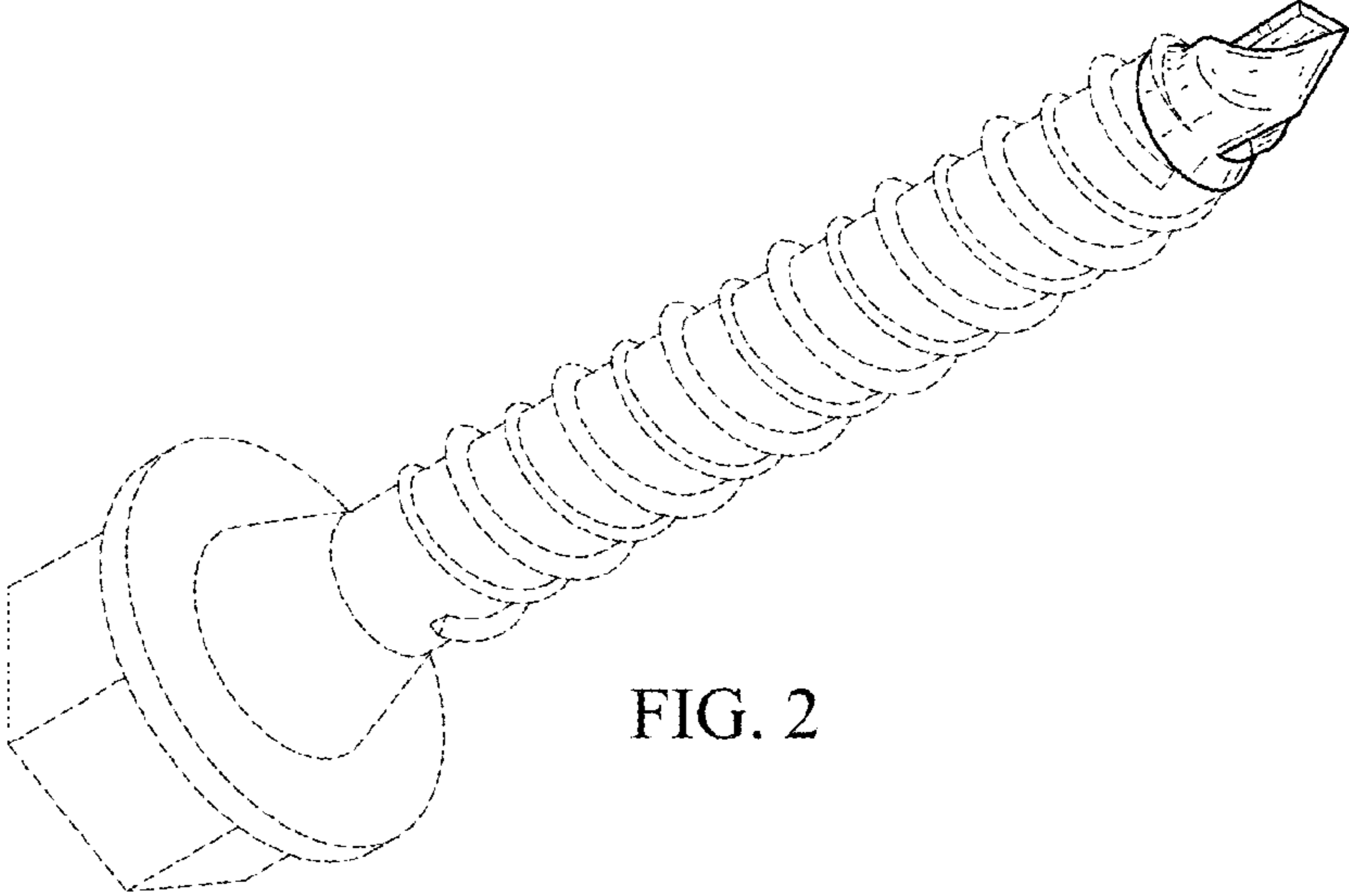


FIG. 2

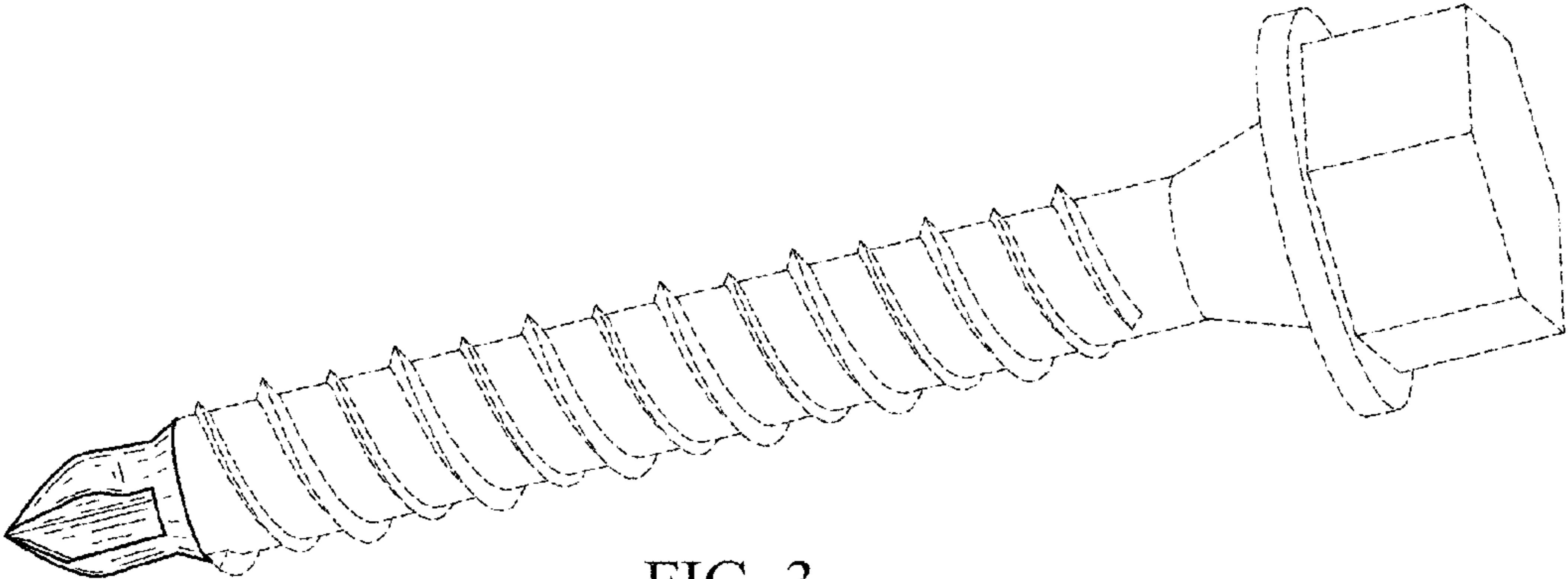


FIG. 3

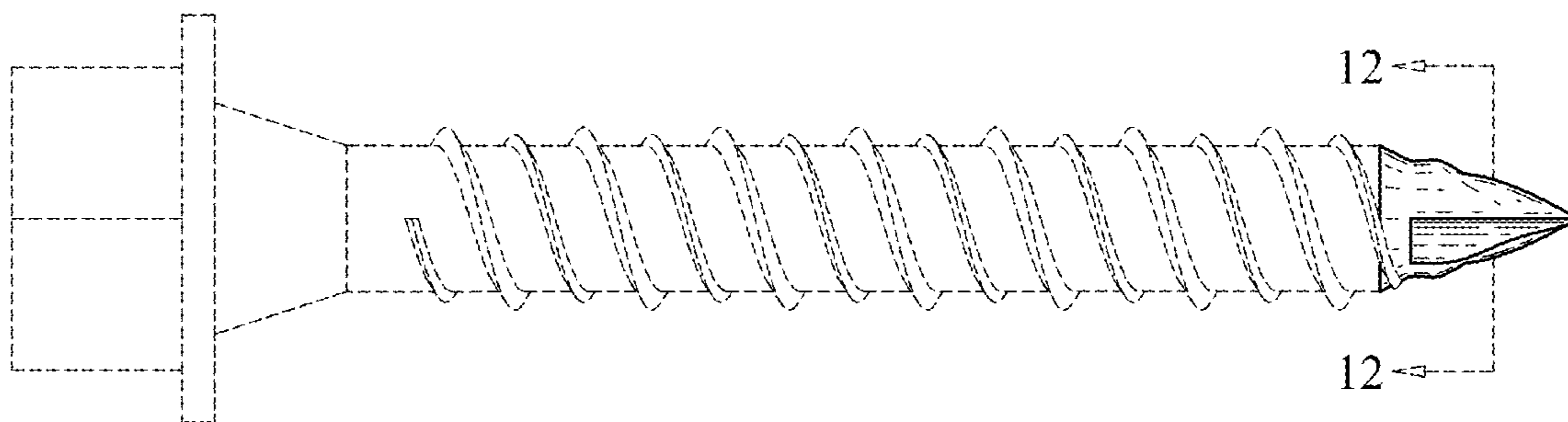


FIG. 4

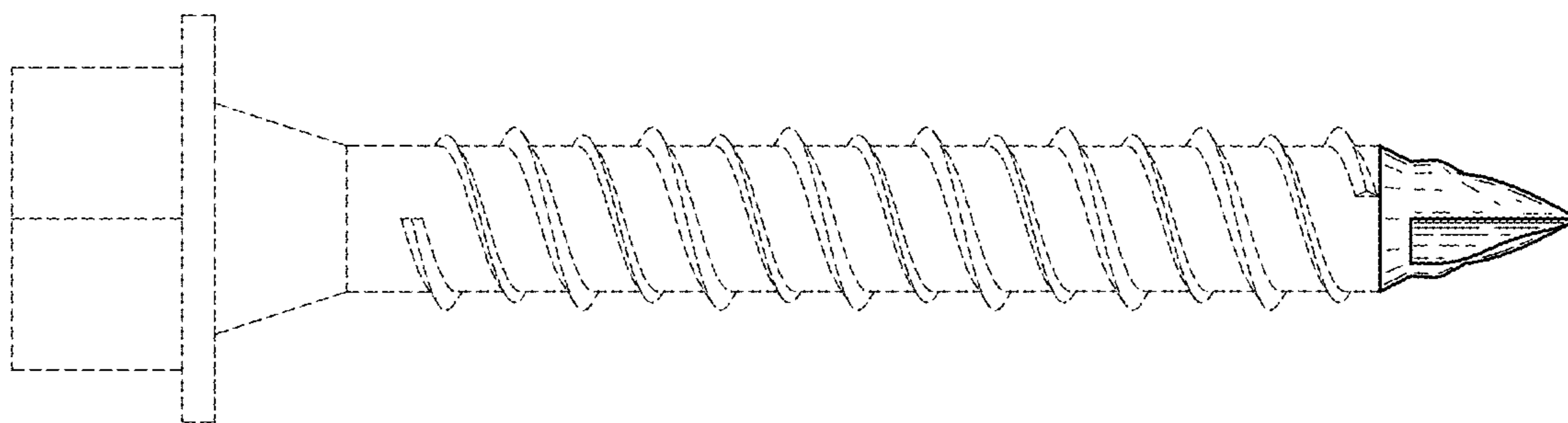


FIG. 5

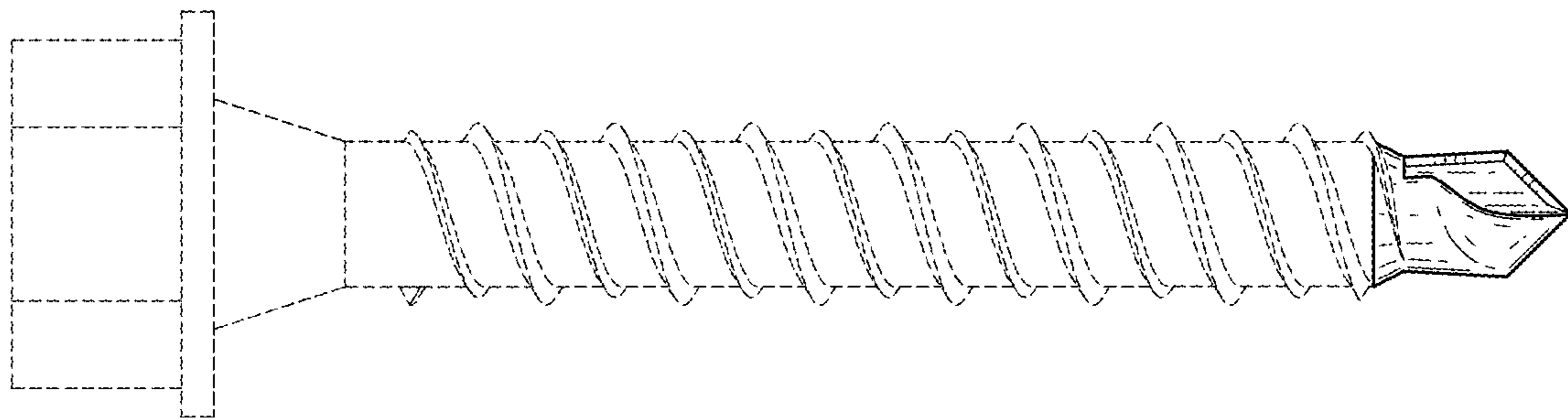


FIG. 6

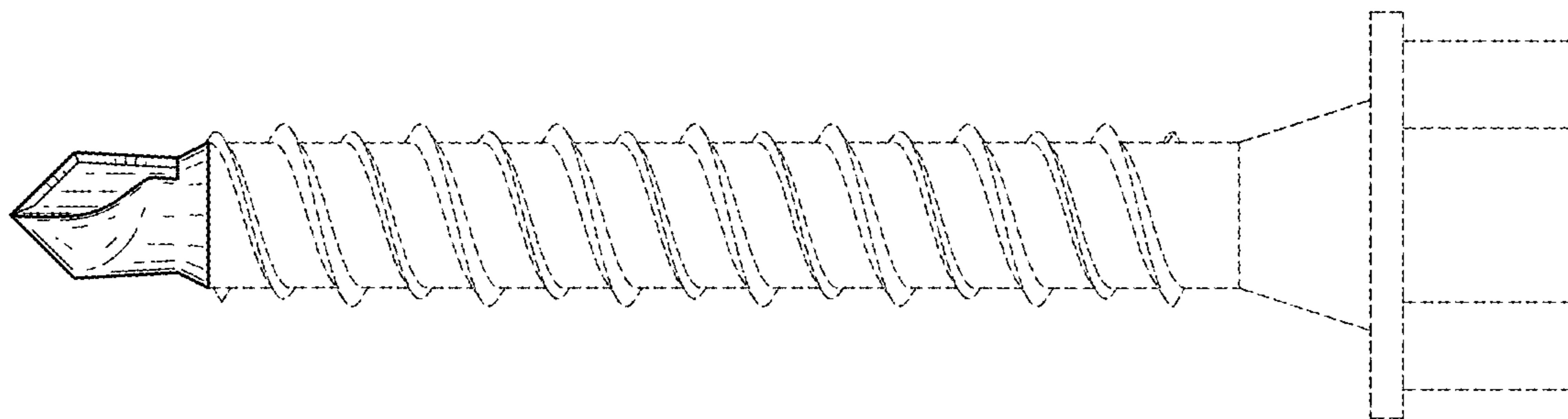


FIG. 7

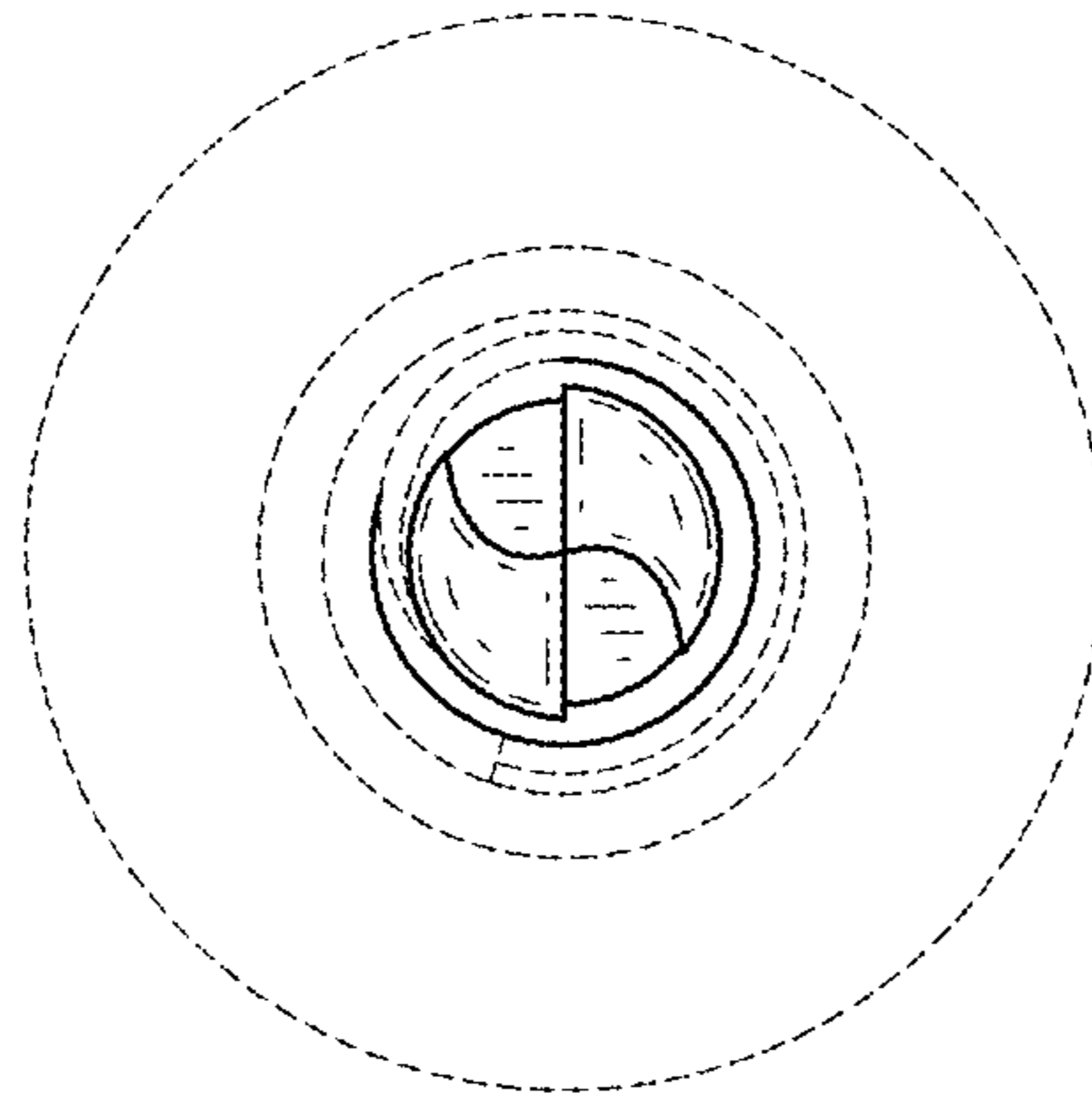


FIG. 8

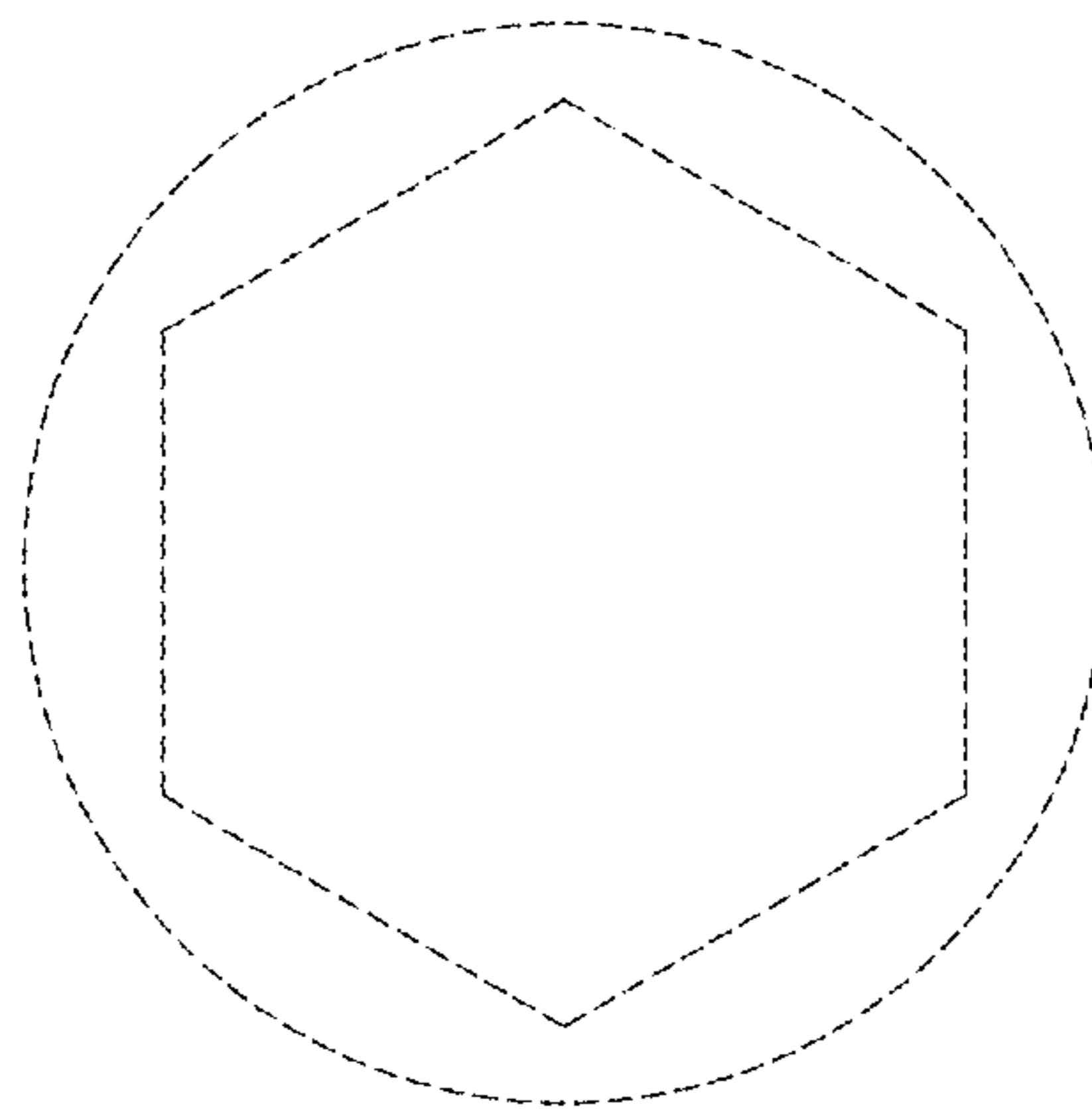


FIG. 9

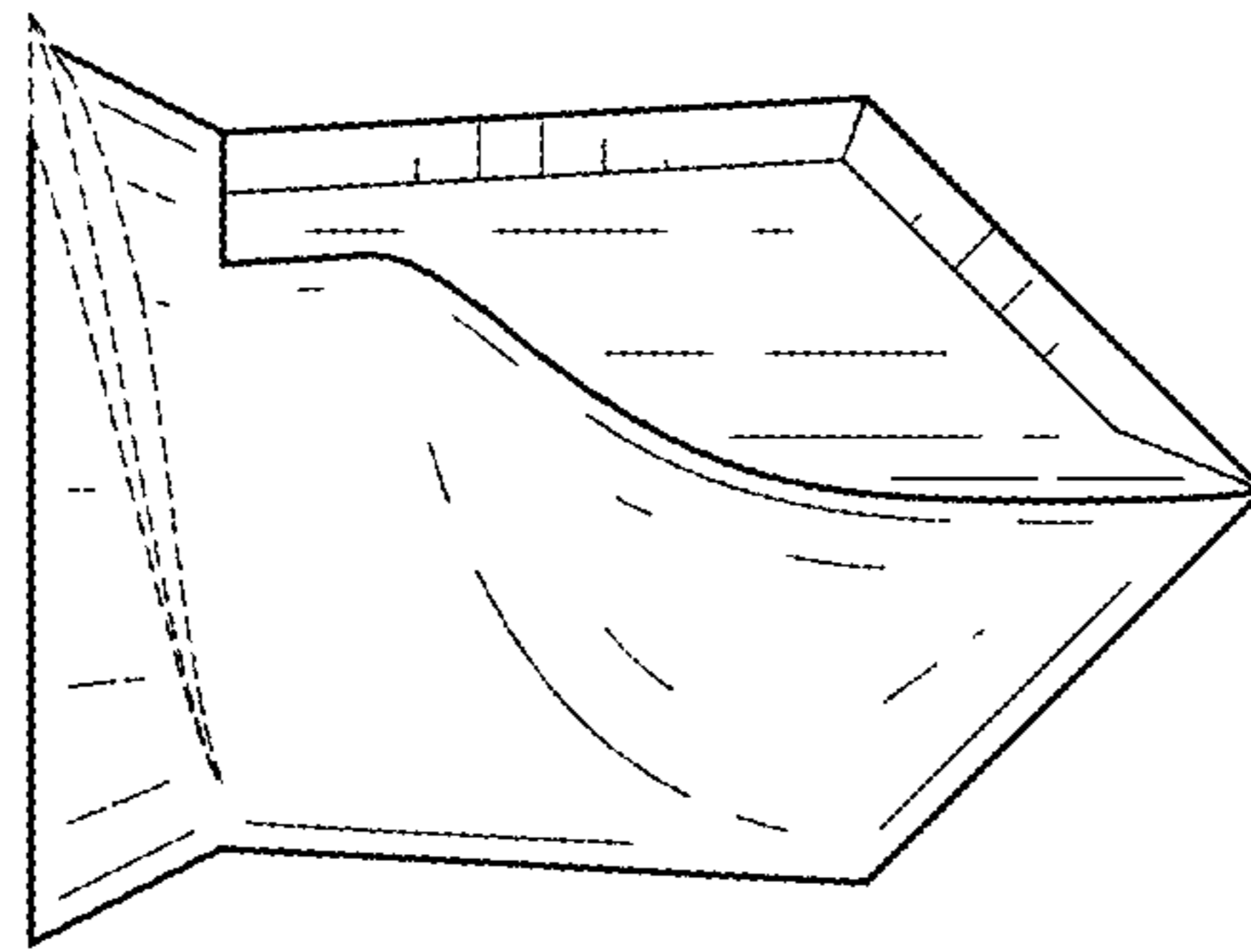


FIG. 10

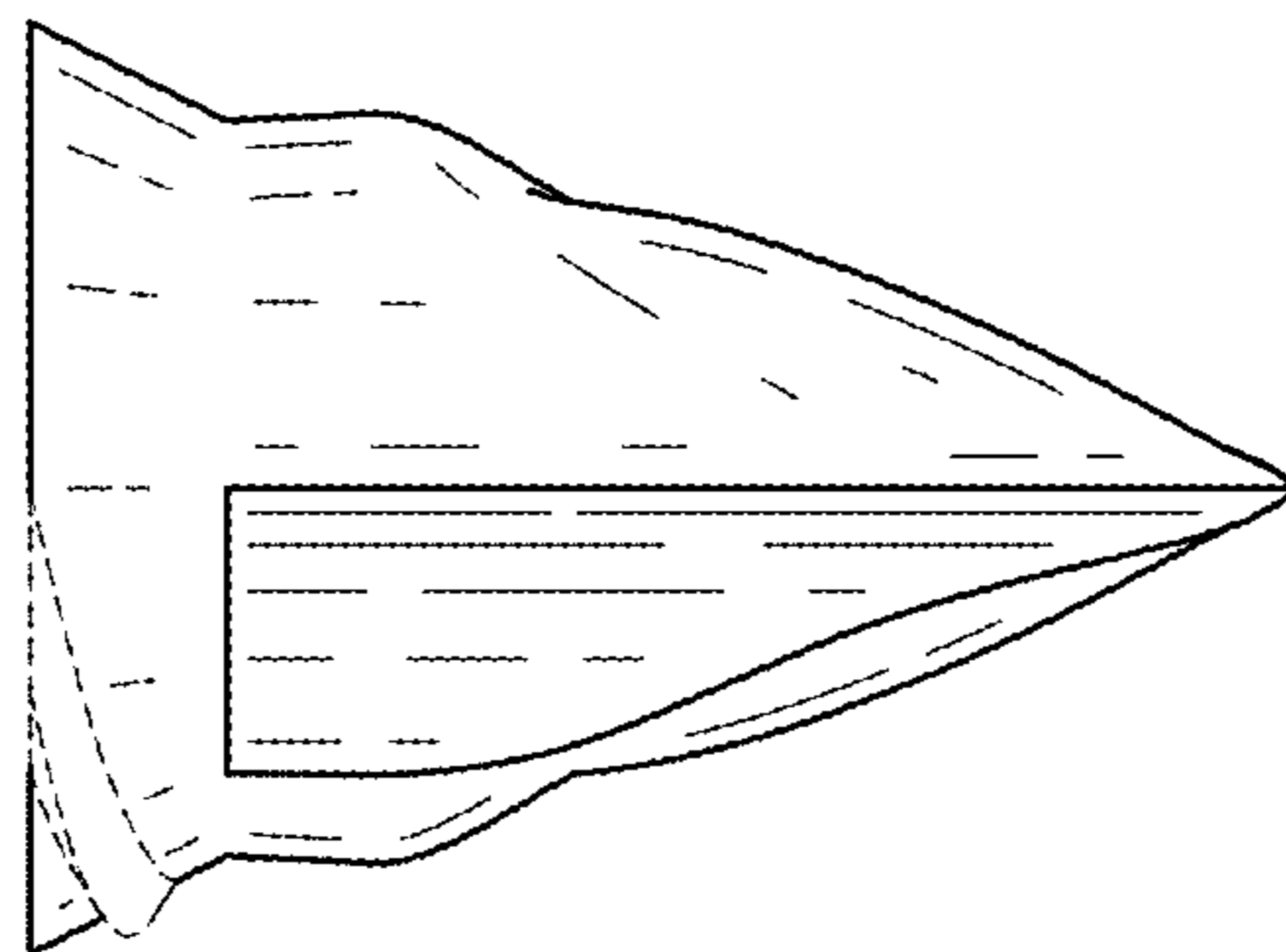


FIG. 11

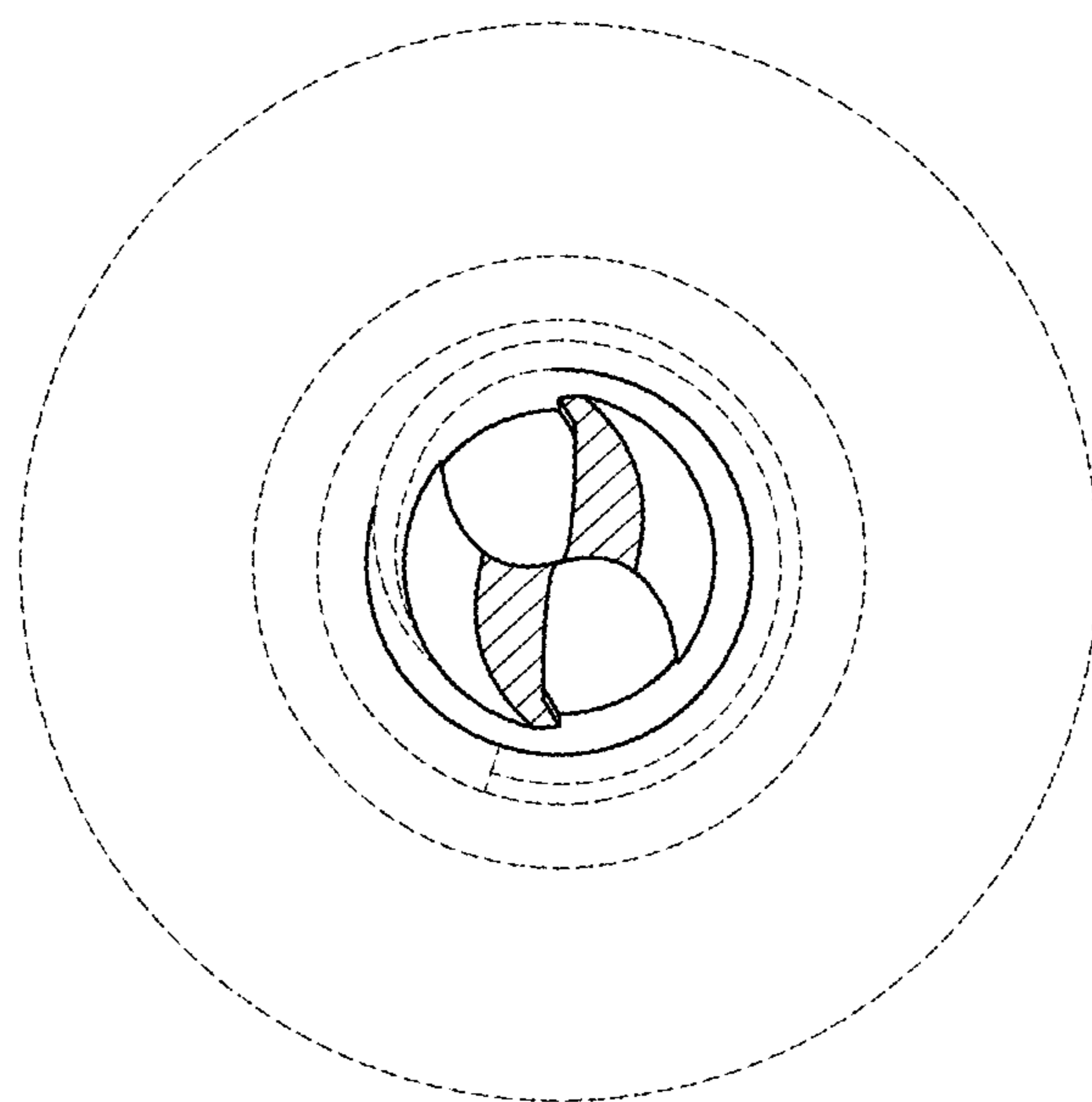


FIG. 12