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(12) **United States Design Patent**
Mori

(10) **Patent No.:** **US D818,429 S**

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(54) **SPIKE PIN FOR AUTOMOBILE TIRE**

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

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(22) Filed: **Feb. 28, 2017**

(30) **Foreign Application Priority Data**

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(51) **LOC (11) Cl.** **12-15**

(52) **U.S. Cl.**
USPC **D12/608**

(58) **Field of Classification Search**
USPC D12/604-608, 501, 544, 579
CPC ... B60C 27/08; B60C 27/086; B60C 27/0223;
B60C 11/1675; B60C 11/14
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D584,979 S * 1/2009 Pirhonen D12/608
- D608,233 S * 1/2010 Pirhonen D12/608
- D609,127 S * 2/2010 Pirhonen D12/608
- D706,709 S * 6/2014 Matsumoto D12/608
- D708,567 S * 7/2014 Matsumoto D12/608
- D774,449 S * 12/2016 Matsumoto D12/608
- D775,585 S * 1/2017 Matsumoto D12/608

- D775,586 S * 1/2017 Matsumoto D12/608
- D776,047 S * 1/2017 Matsumoto D12/608
- D776,048 S * 1/2017 Matsumoto D12/608
- D776,049 S * 1/2017 Matsumoto D12/608
- D777,097 S * 1/2017 Matsumoto D12/608
- 2013/0000807 A1* 1/2013 Pons B60C 11/1643
152/210

* cited by examiner

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(57) **CLAIM**

The ornamental design for a spike pin for automobile tire, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a spike pin for an automobile tire showing my new design; FIG. 2 is a front view thereof; FIG. 3 is a right side view thereof; FIG. 4 is a top view thereof; FIG. 5 is a bottom view thereof; FIG. 6 is a cross sectional view taken along lines 6-6 shown in FIG. 2; and, FIG. 7 is a cross sectional view taken along lines 7-7 shown in FIG. 3.

In the drawings, the broken lines depict environmental subject matter only and form no part of the claimed design. The dot and dashed lines represents a boundary between the claimed portion and the non-claimed portion.

A rear view appears to be identical to the front view and is omitted. A left side view appears to be identical to the right side view and is omitted. The thin lines shown in the views are for clarifying the shape of the three-dimensional surface.

1 Claim, 7 Drawing Sheets

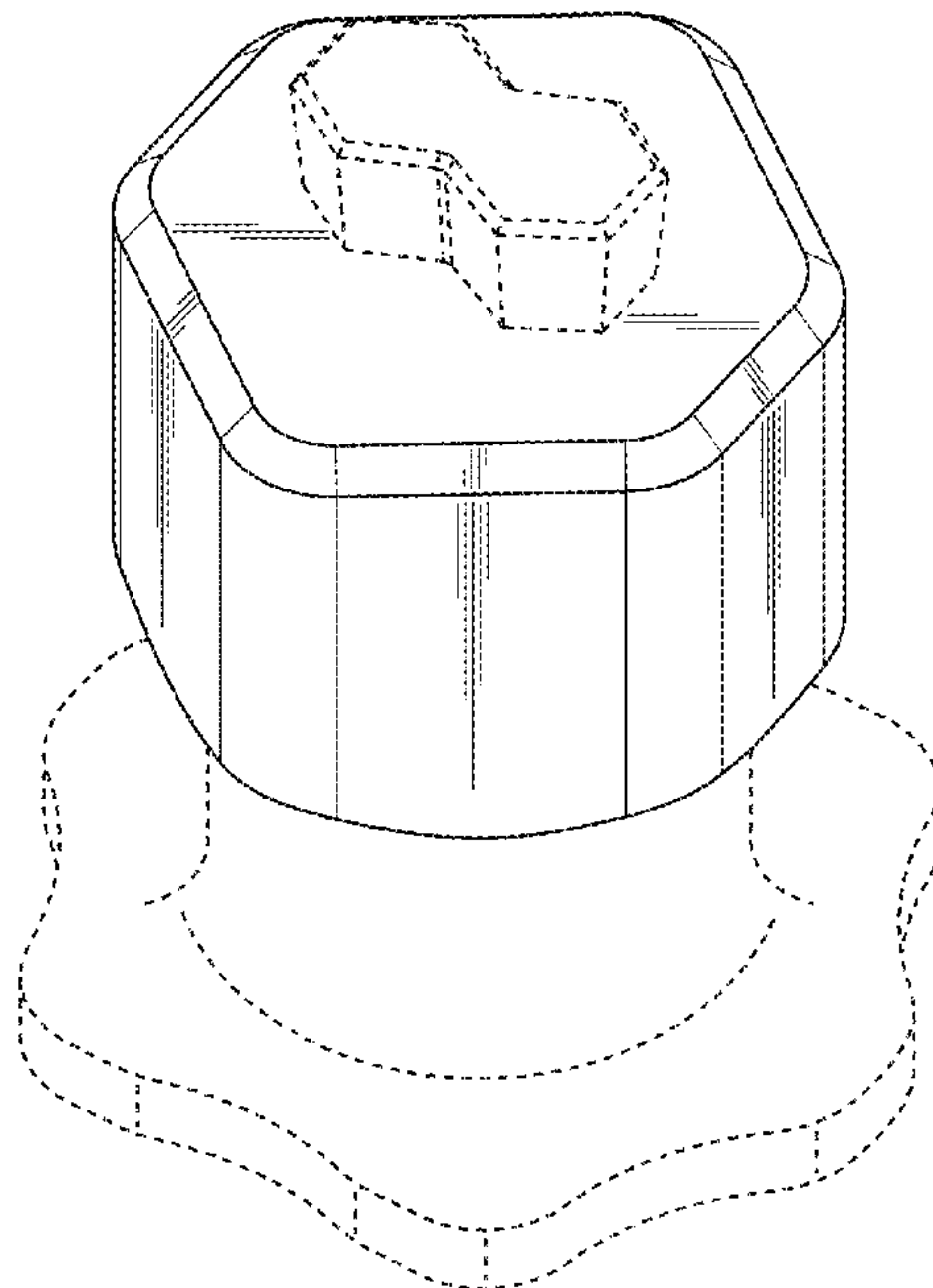


FIG. 1

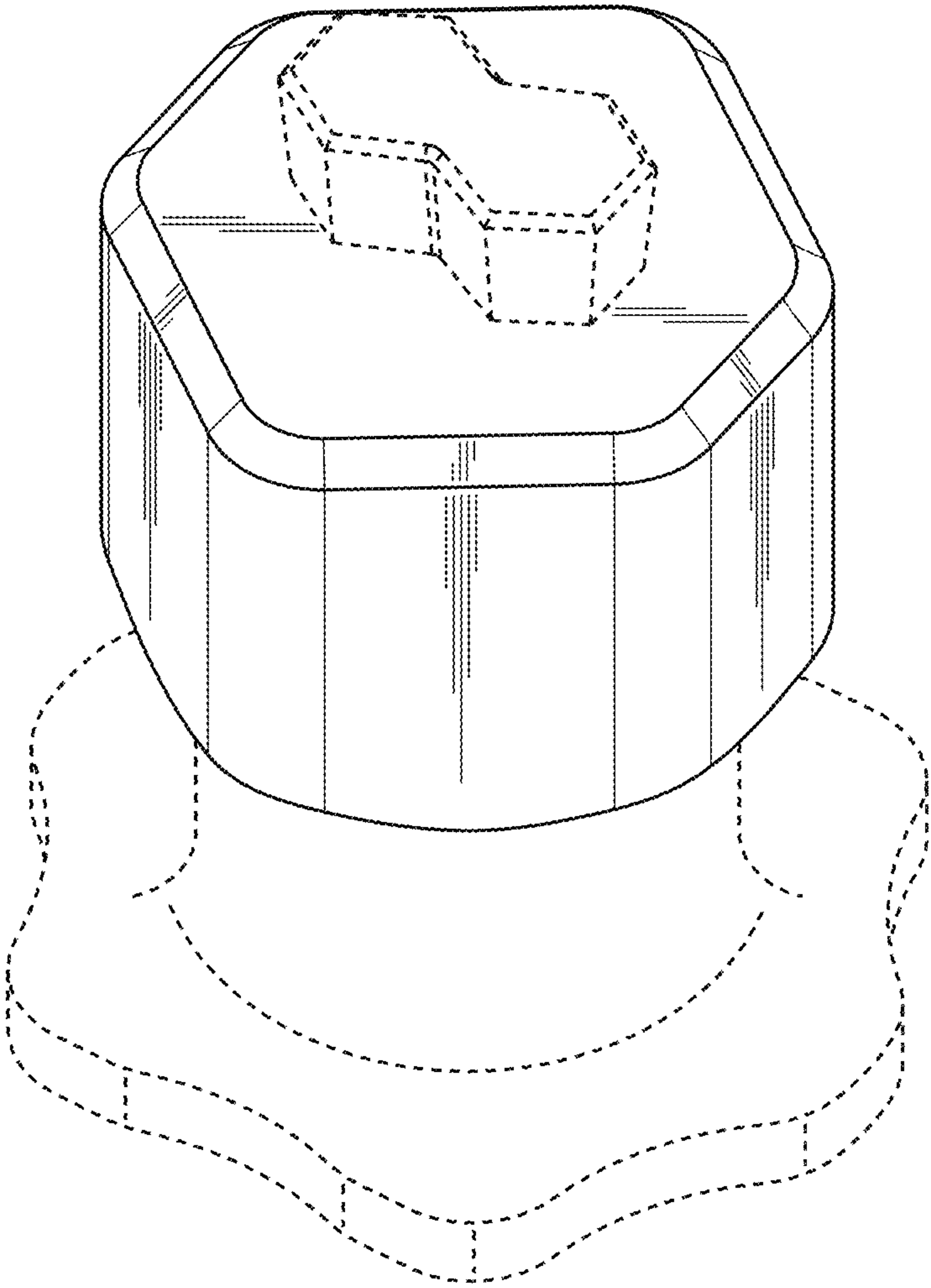


FIG. 2

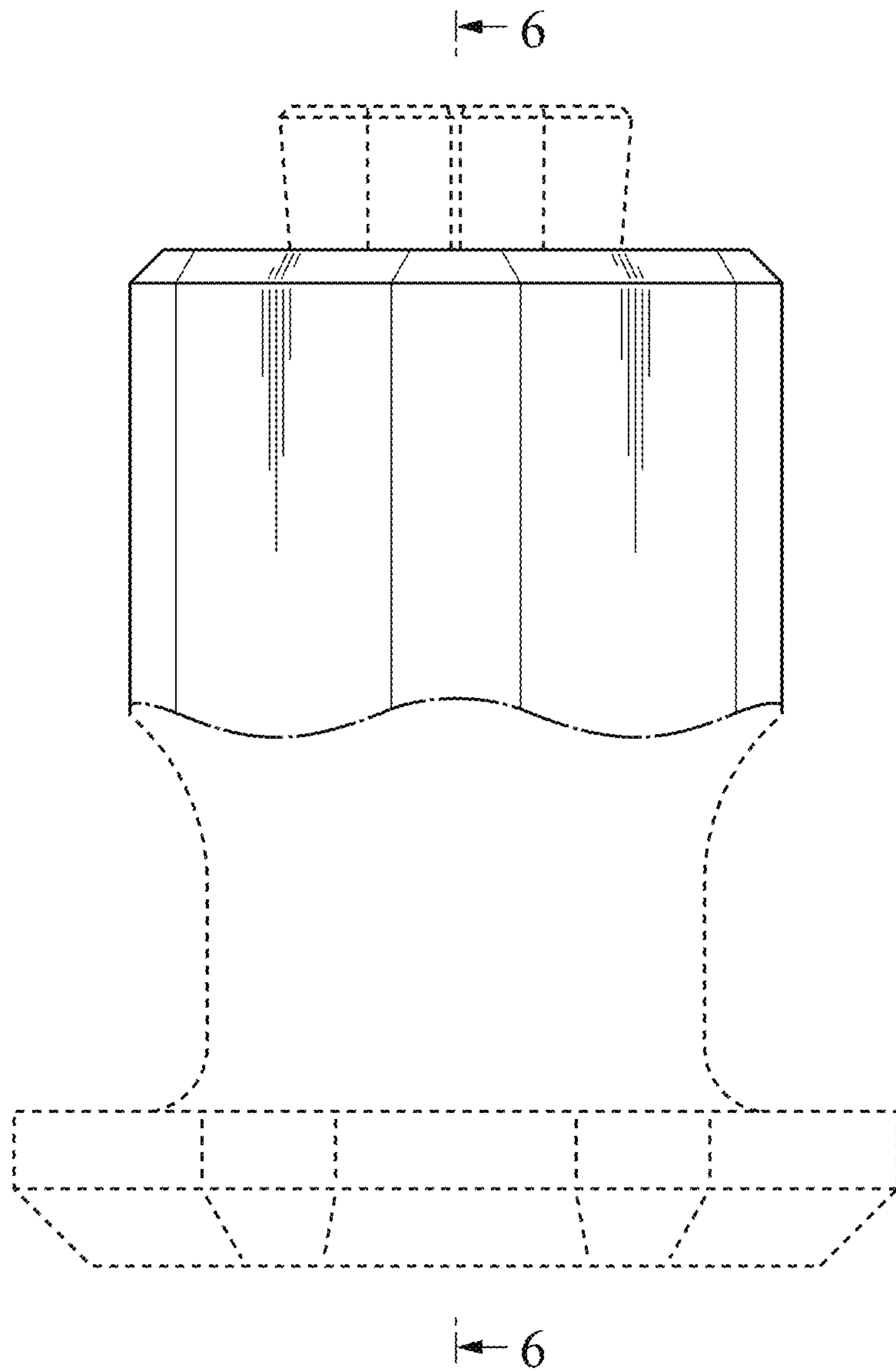


FIG. 3

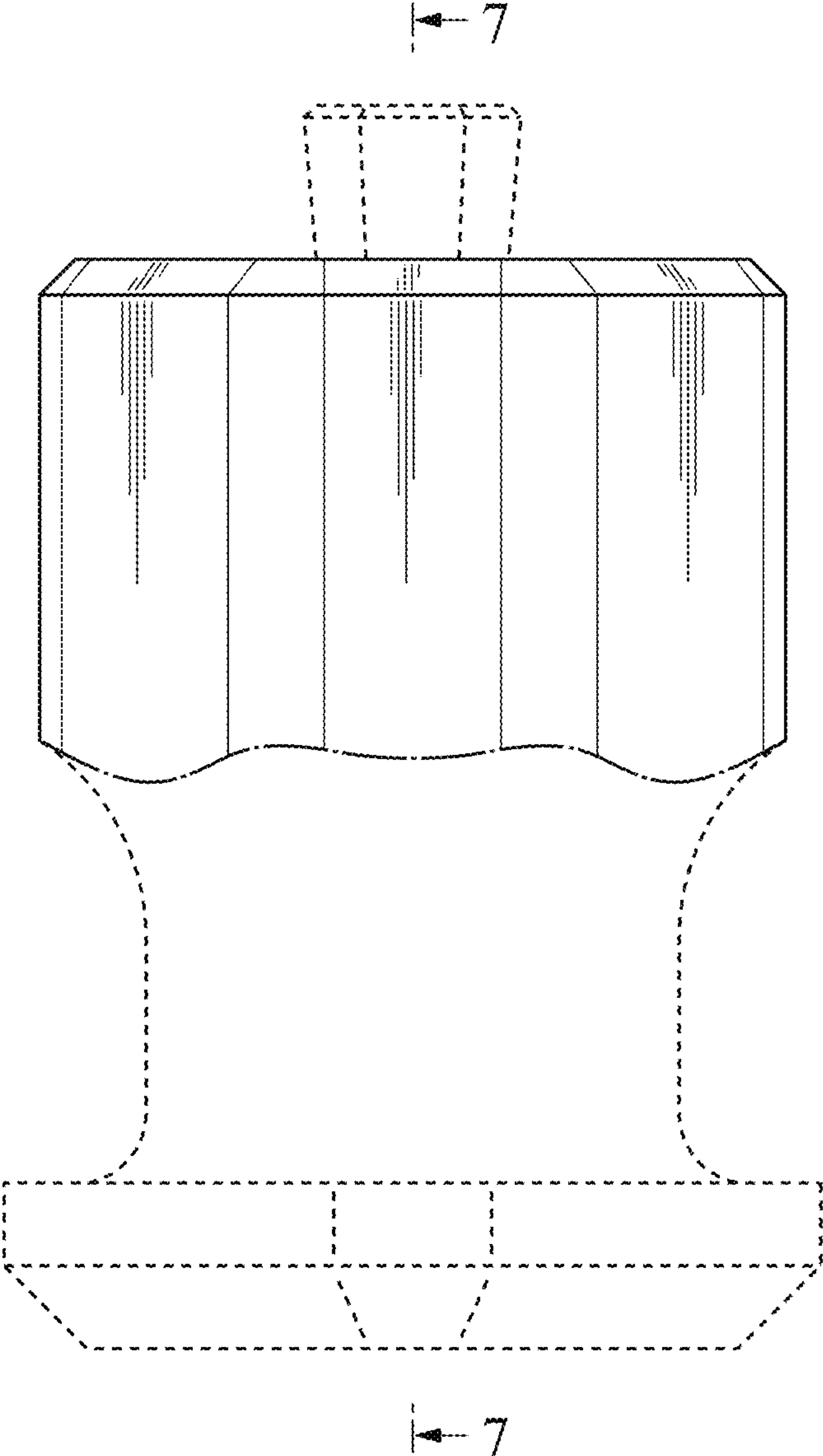


FIG. 4

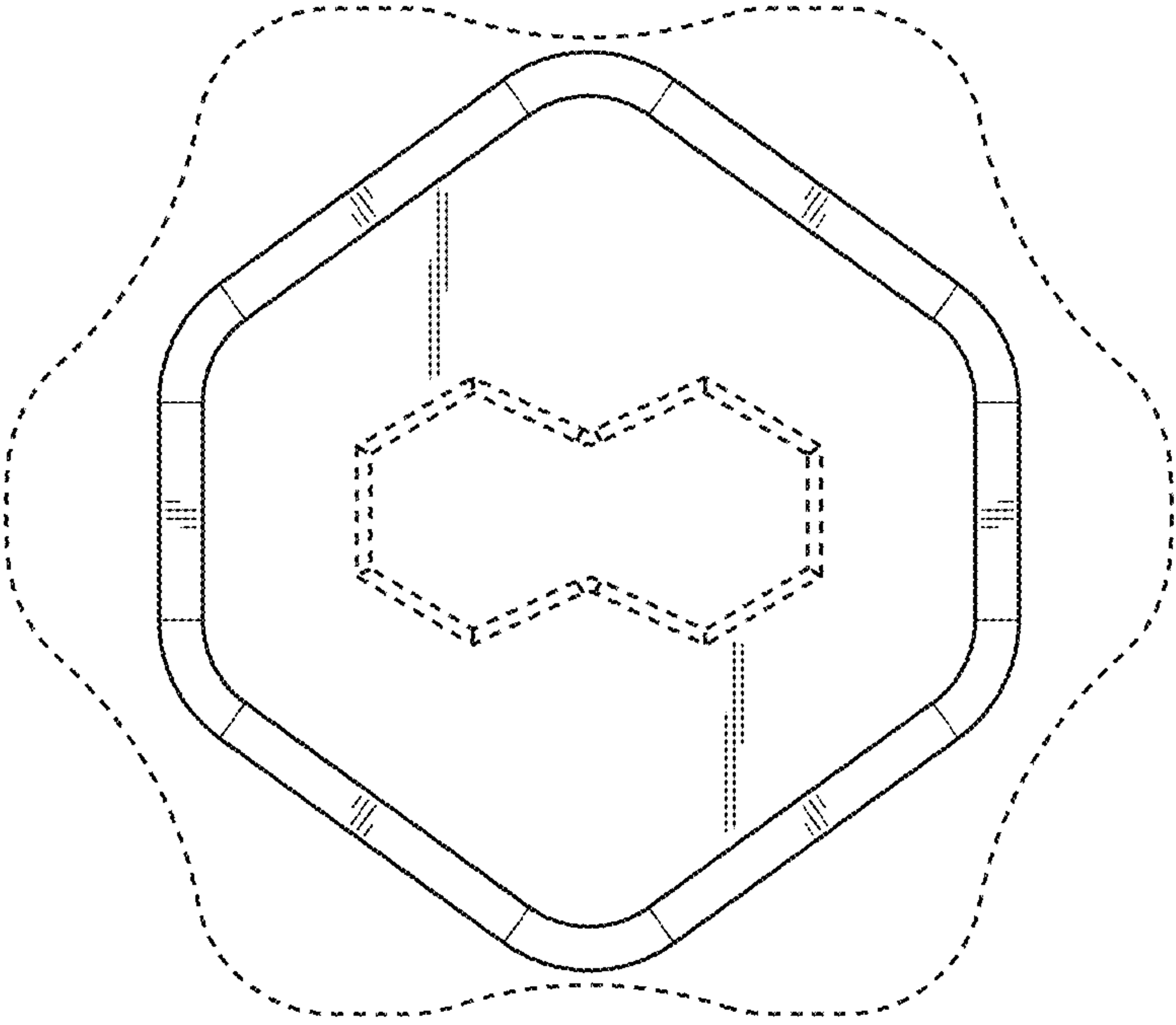


FIG. 5

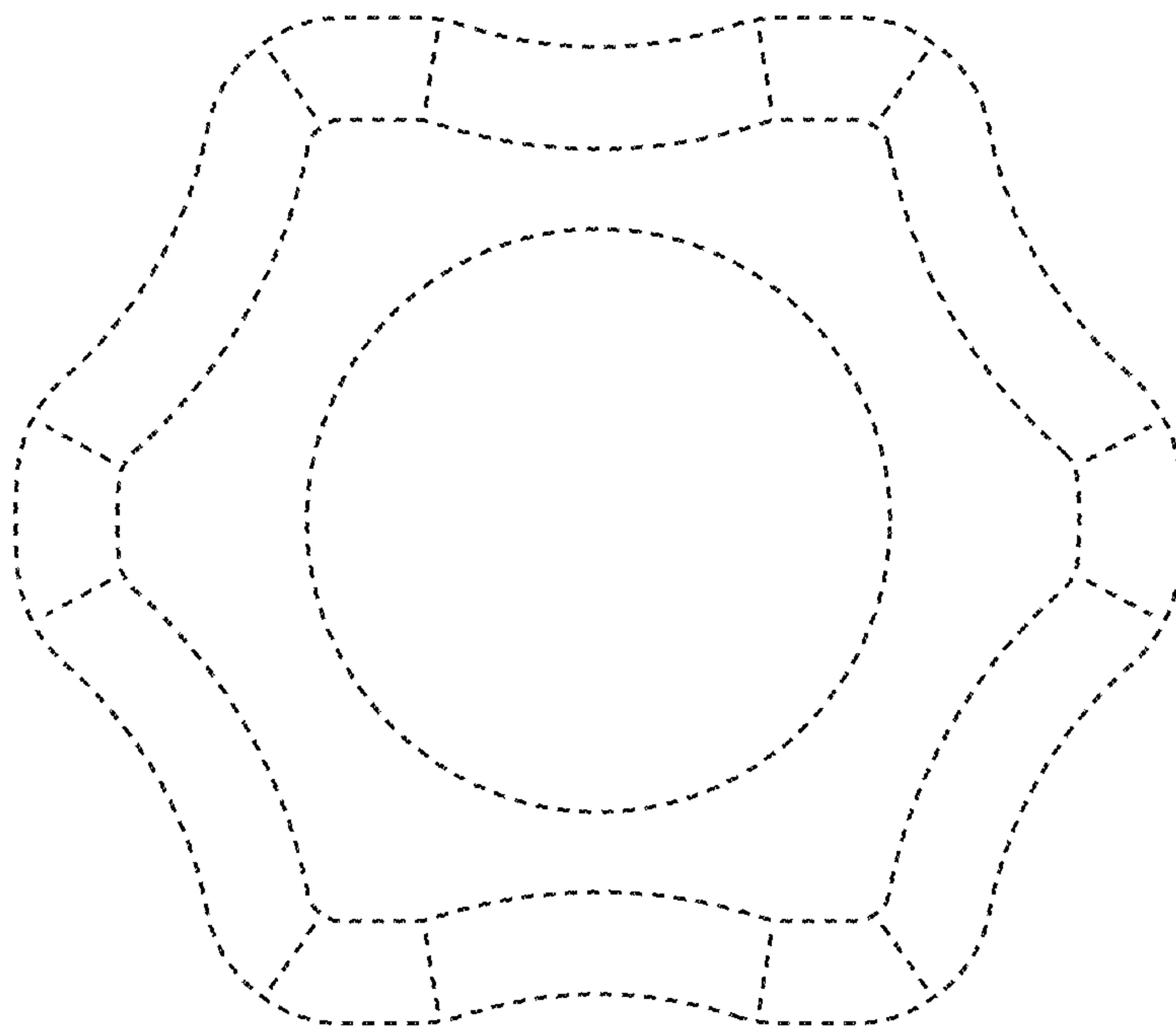


FIG. 6

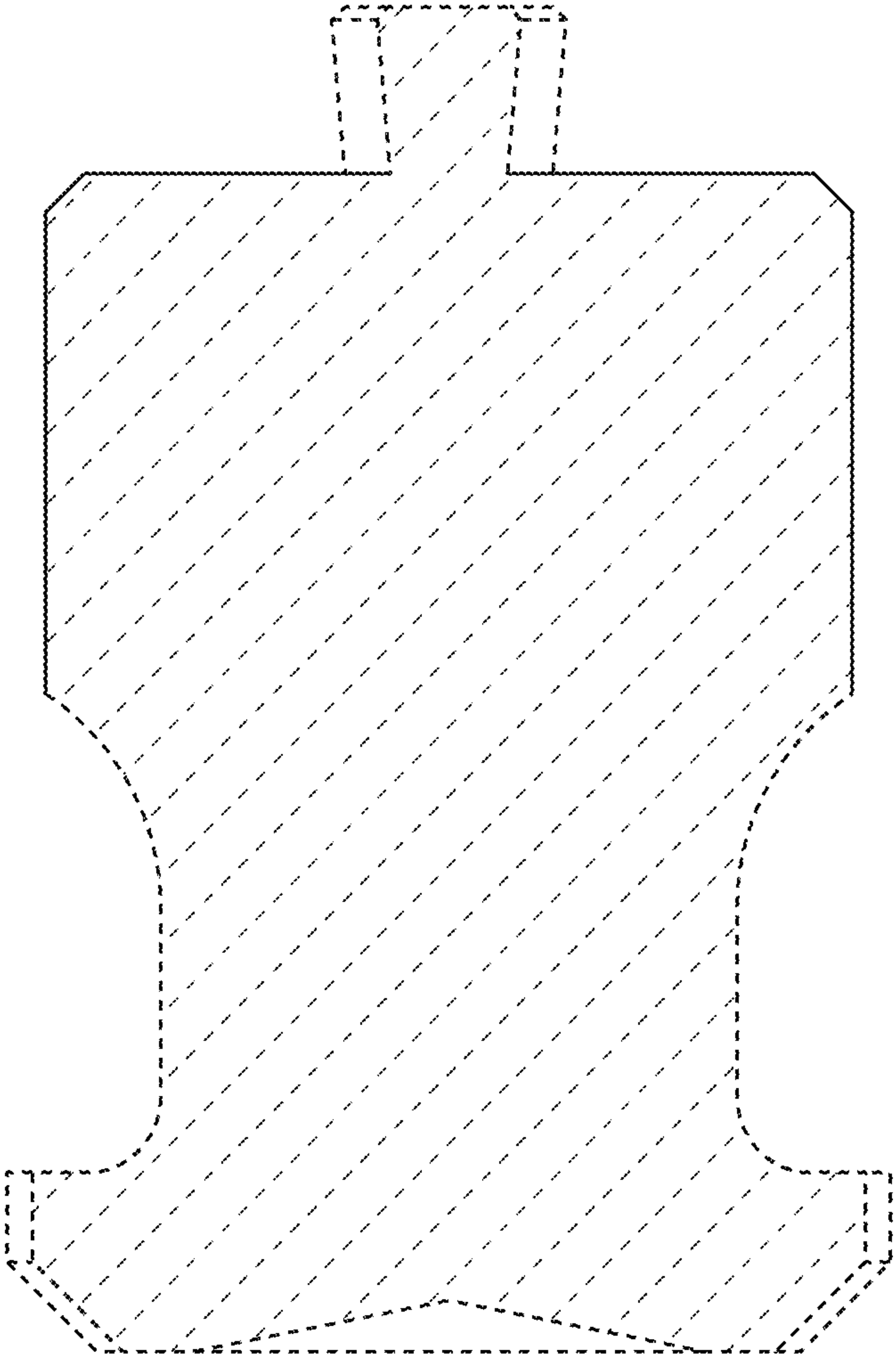


FIG. 7

