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

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(54) **EXPANSION VALVE**

(71) Applicant: **TGK CO., LTD.**, Tokyo (JP)

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

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(30) **Foreign Application Priority Data**

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(52) **U.S. Cl.**  
USPC ..... **D23/233**

(58) **Field of Classification Search**  
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62/115, 210, 527, 528, 299; 137/15.04,  
137/15.08, 515, 7, 859, 843, 332, 529,  
137/533.17, 540, 54, 543.17, 512.1, 468;  
251/129.01, 331, 333, 151; 239/585.1  
CPC ..... F25B 41/062; F25B 2600/2513; F25B  
2341/068; F25B 41/06; F16K 31/0675;  
F16K 27/029; F16K 27/048  
See application file for complete search history.

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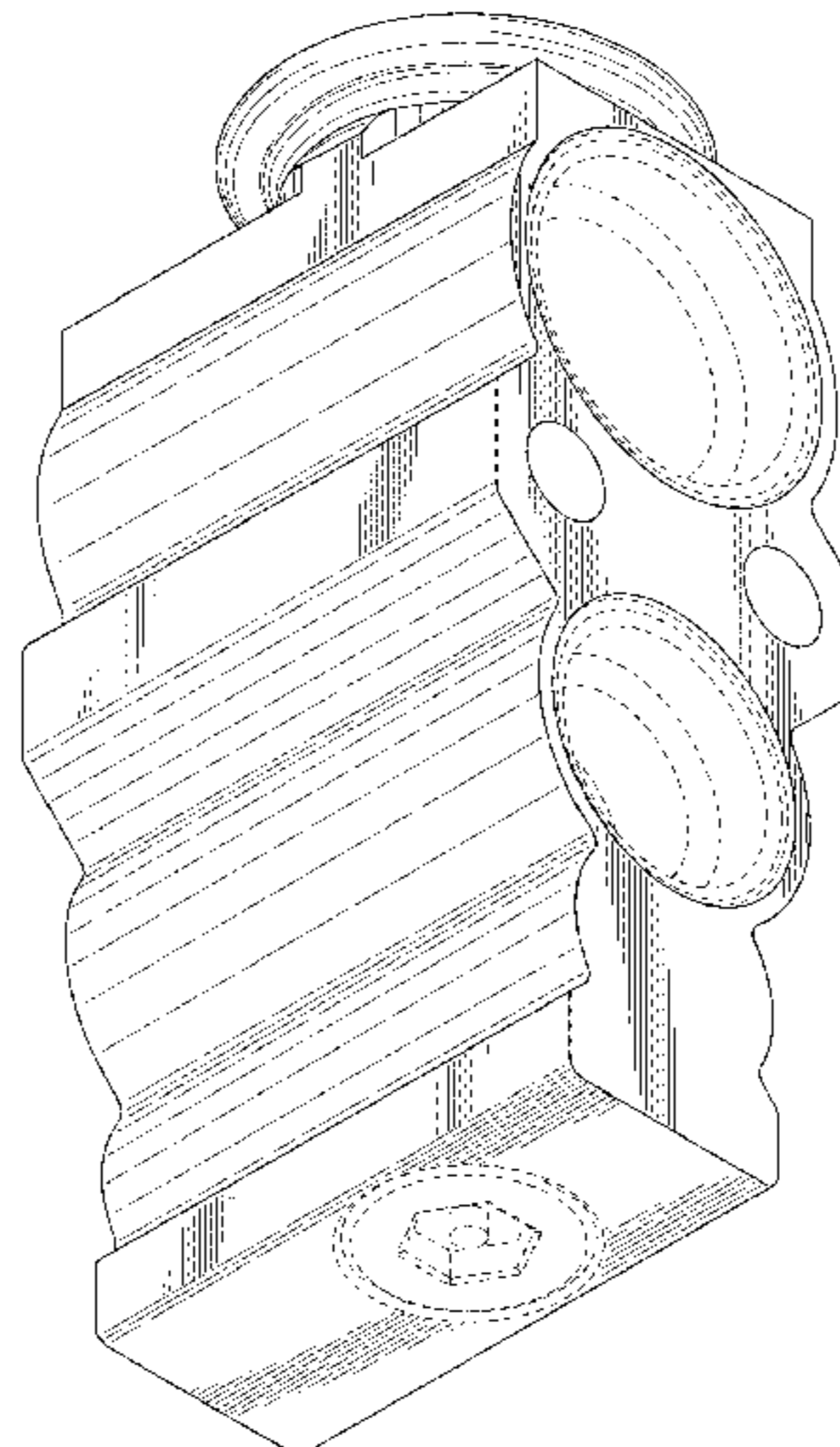
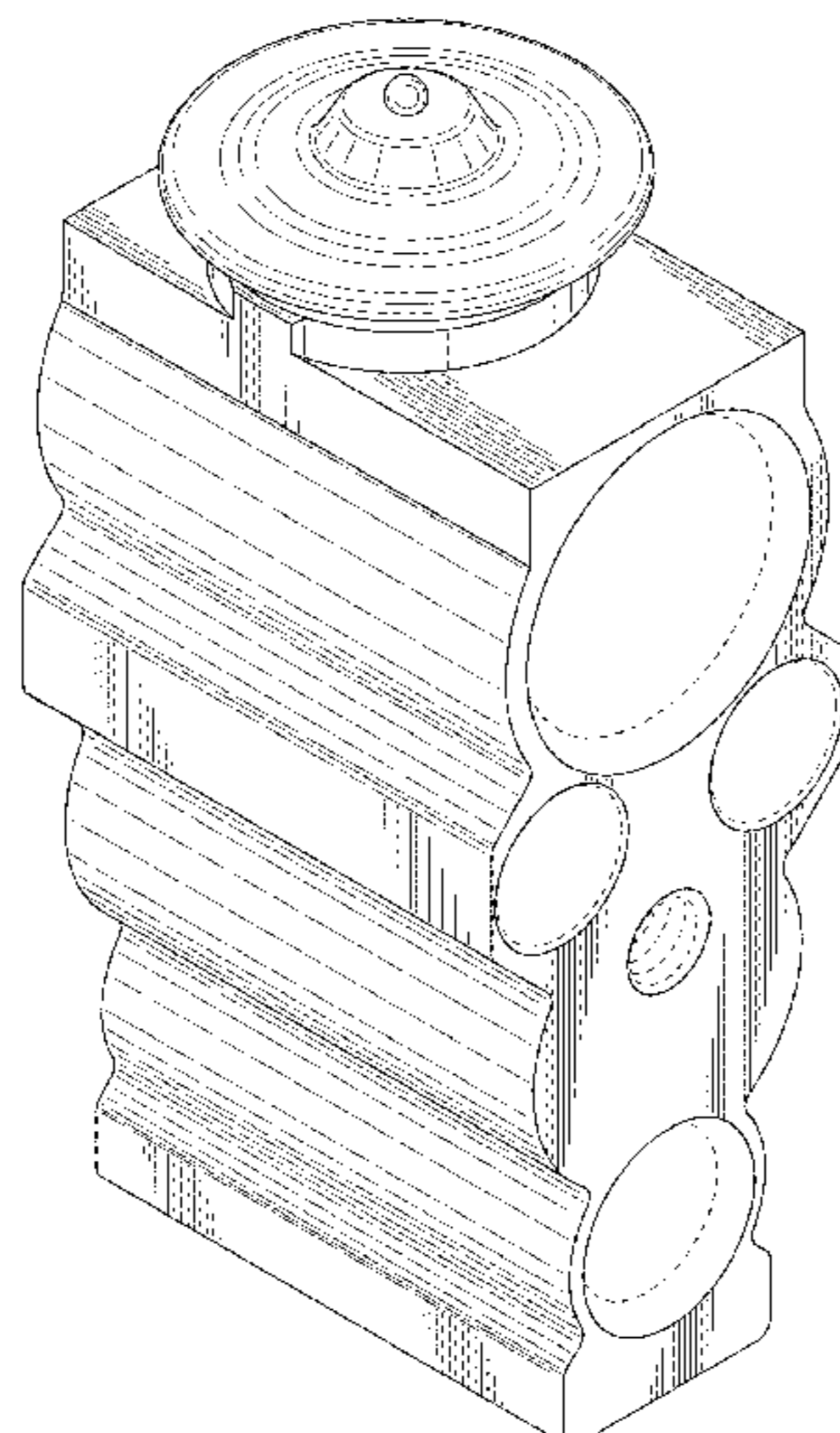
(57) **CLAIM**

The ornamental design for an expansion valve, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of an expansion valve showing our new design;  
FIG. 2 is a rear perspective view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a rear view thereof;  
FIG. 5 is a top view thereof;  
FIG. 6 is a bottom view thereof; and,  
FIG. 7 is a left side view thereof, the right side view being a mirror image thereof.  
The broken lines are for the purpose of illustrating portions of the expansion valve and form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



(56)

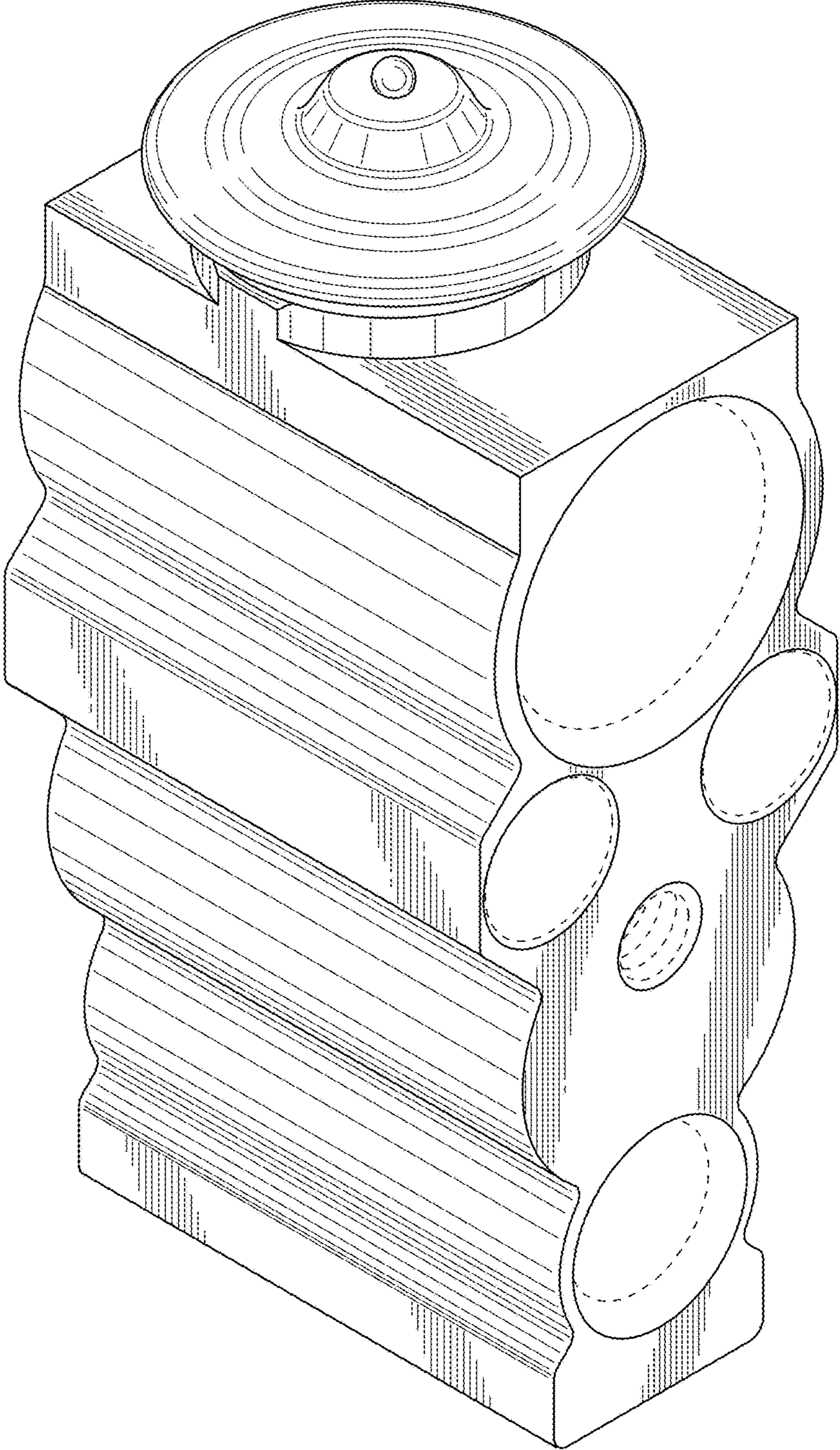
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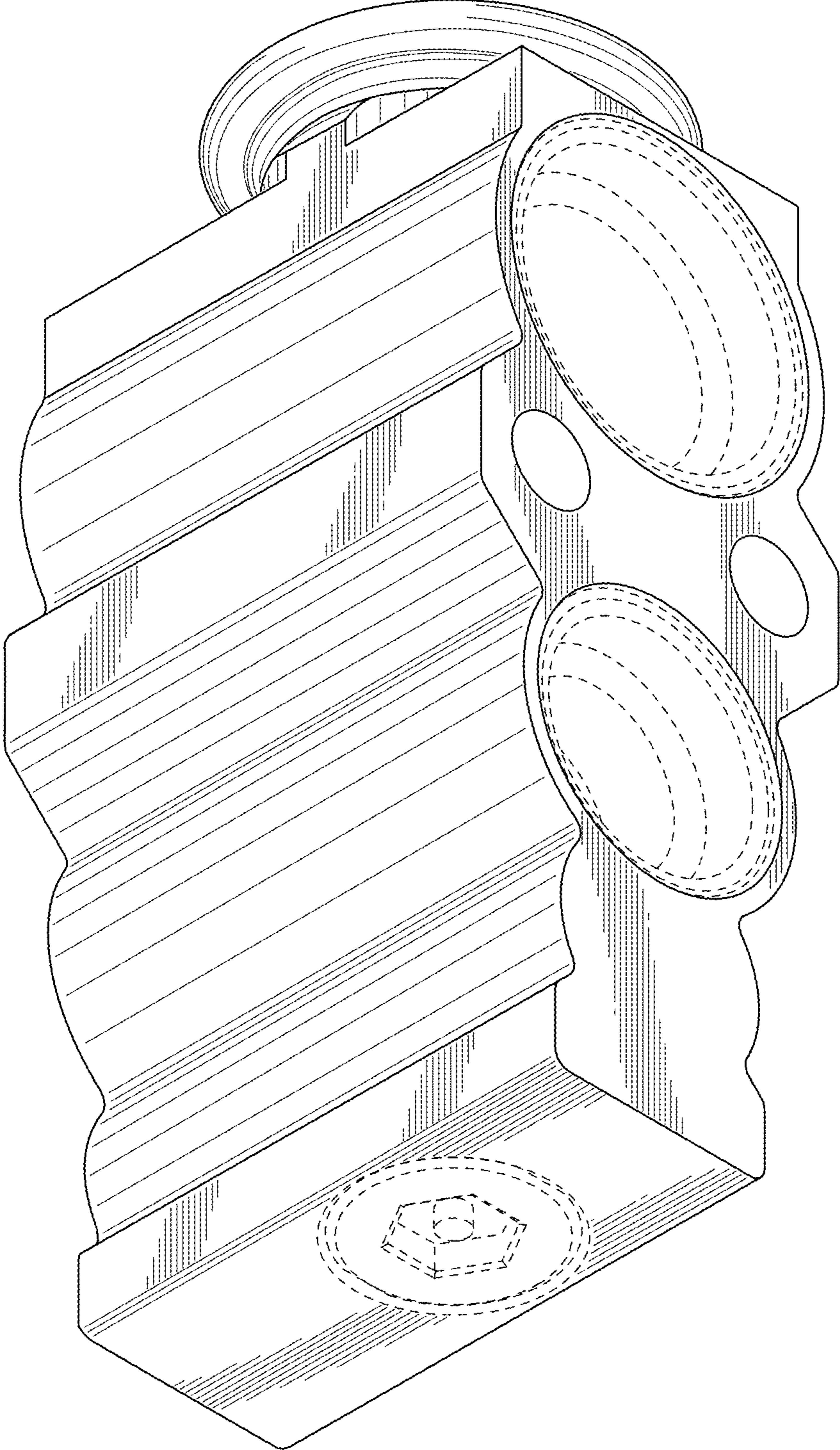
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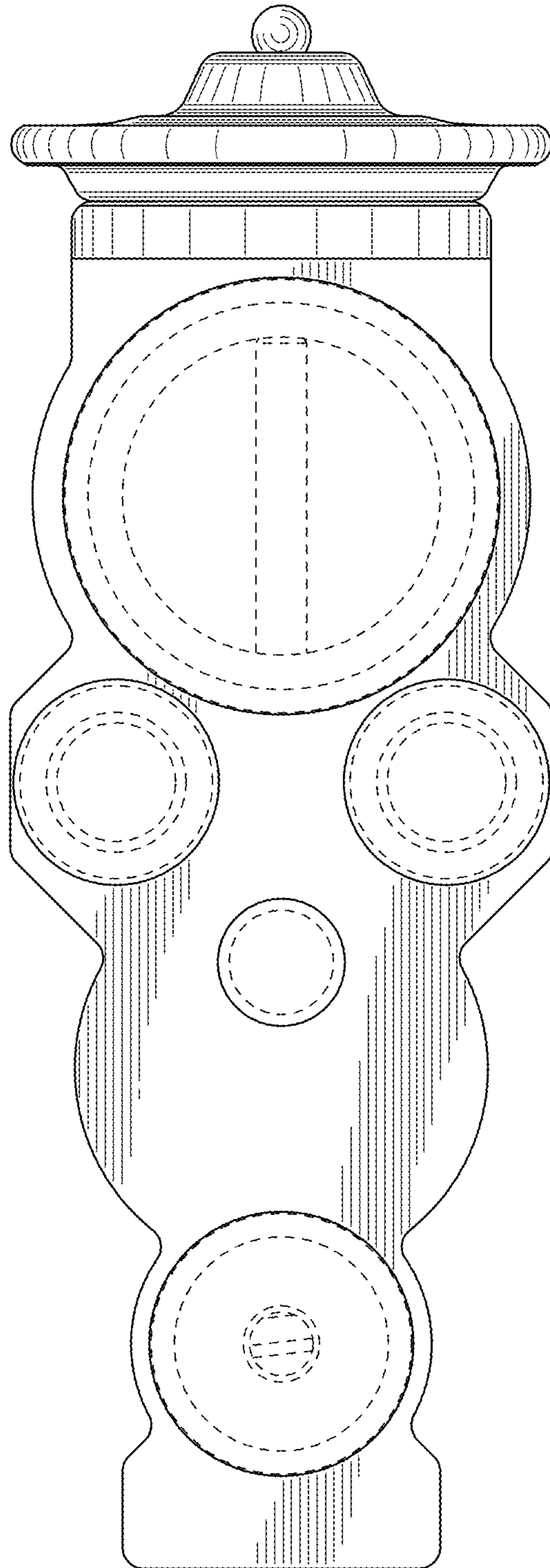
**FIG. 1**



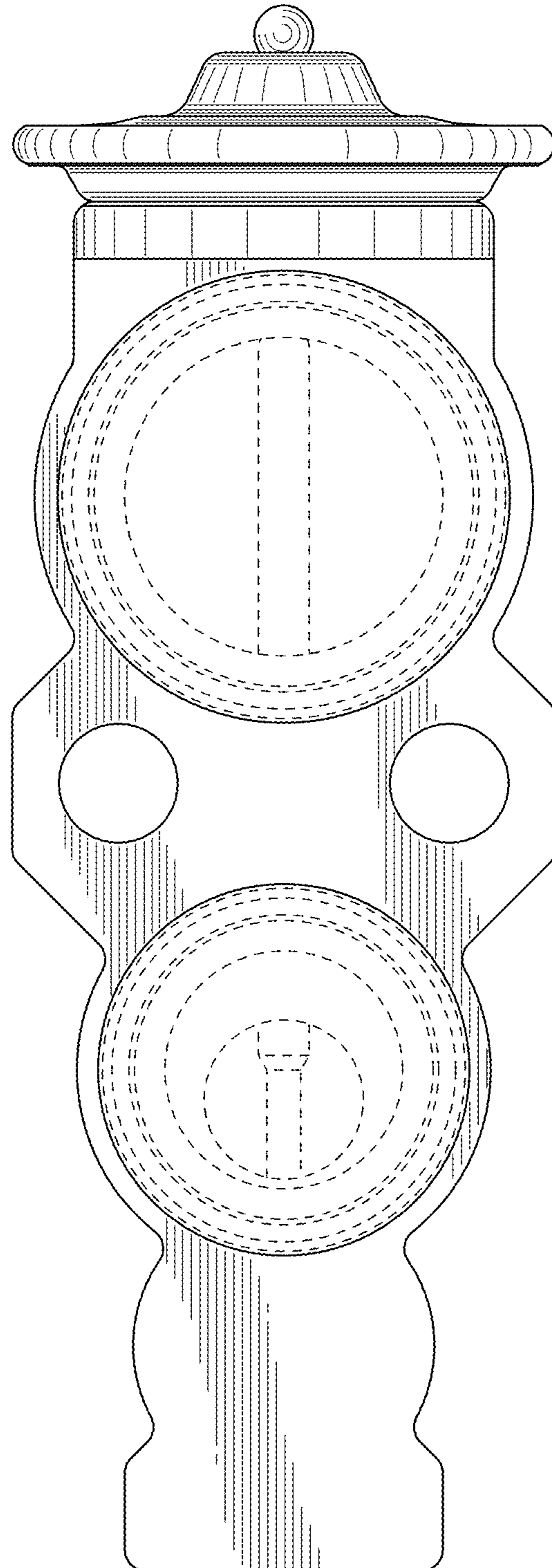
**FIG. 2**



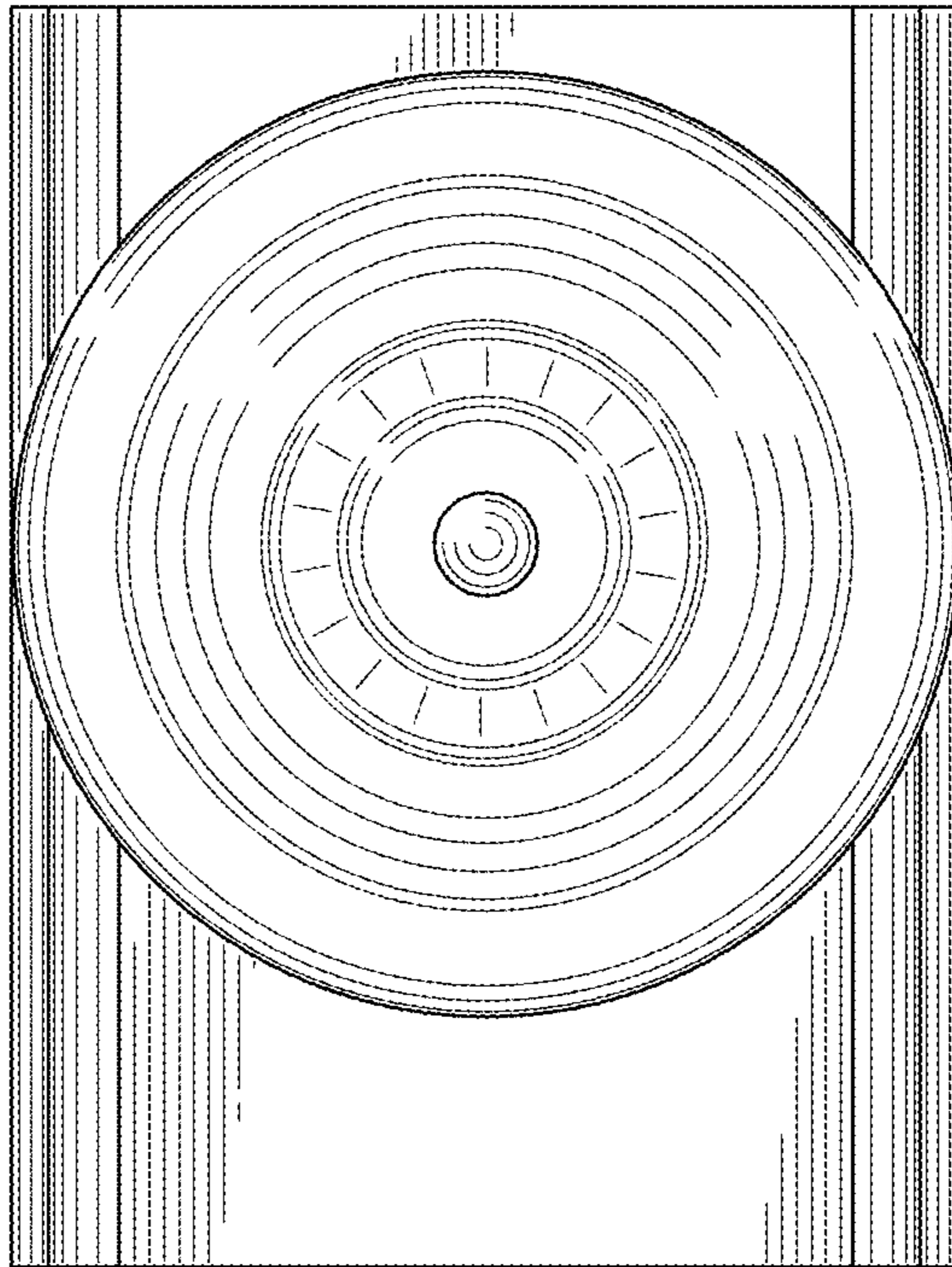
**FIG. 3**



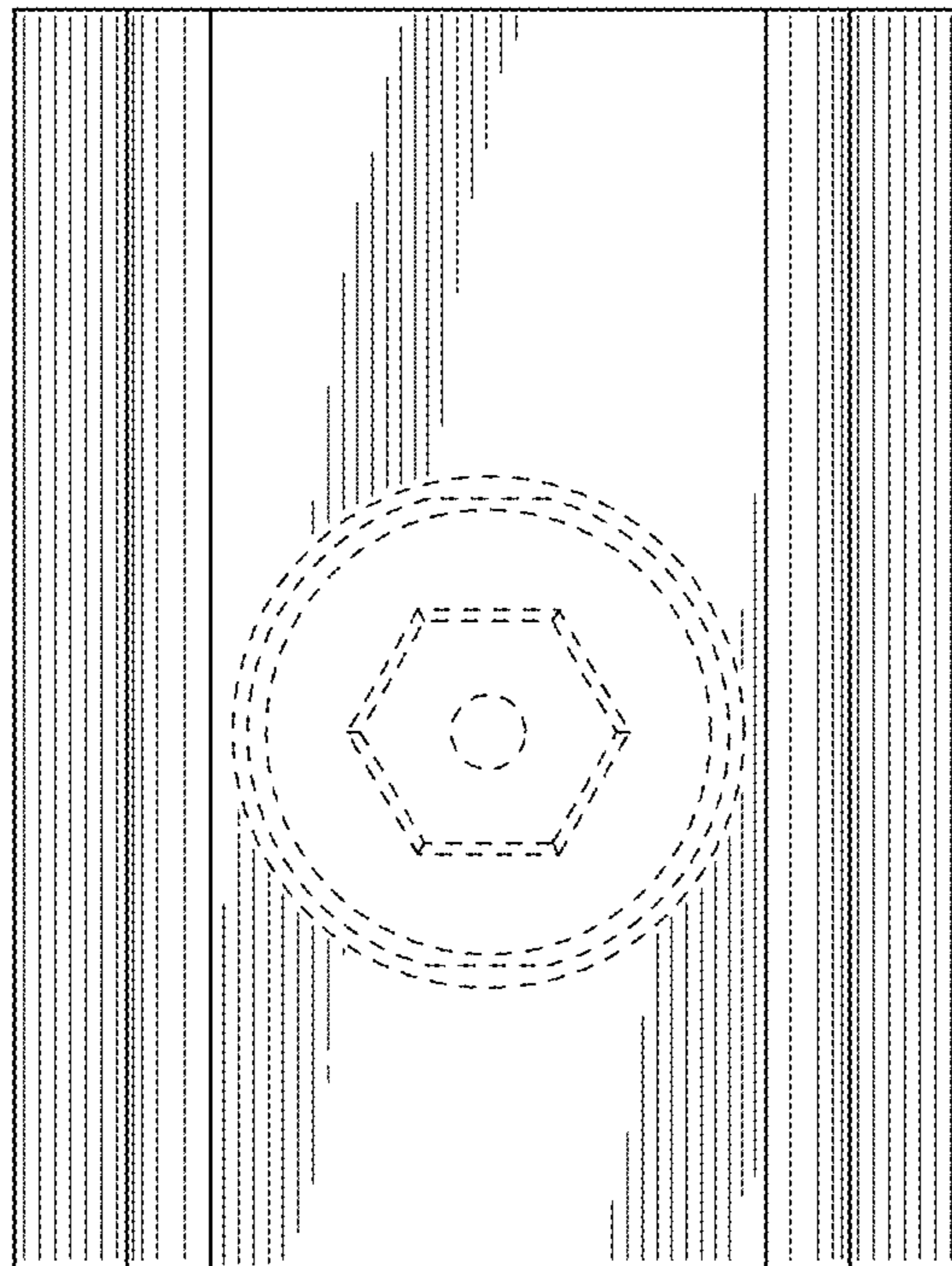
**FIG. 4**



***FIG. 5***



***FIG. 6***





**FIG. 7**

