



US00D855169S

(12) **United States Design Patent** (10) **Patent No.:** **US D855,169 S**  
**Zhong et al.** (45) **Date of Patent:** **\*\* Jul. 30, 2019**

(54) **AIR PURIFIER** D794,170 S \* 8/2017 Lopez ..... D23/332  
D810,905 S \* 2/2018 Yoon ..... D23/364  
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**Ltd., Xiamen, Fujian (CN)** D818,097 S \* 5/2018 Cho ..... D23/364  
D831,181 S \* 10/2018 Suarez ..... D23/336  
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**Cheng, Xiamen (CN)** D832,414 S \* 10/2018 Sharma ..... D23/364  
D835,763 S \* 12/2018 Niedermann ..... A61M 16/06  
D23/356  
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**(CN)**

OTHER PUBLICATIONS

(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/647,277**  
(22) Filed: **May 11, 2018**

Alibaba.com, true hepa filter anion with whisper quiet operation air purifier, Feb. 27, 2019, [https://gruenluft.en.alibaba.com/product/60791181001-801732344/true\\_hepa\\_filter\\_anion\\_with\\_whisper\\_quiet\\_operation\\_air\\_purifier.html?spm=a2700.icbuShop.74.4.36e75210Ku83VK.\\*](https://gruenluft.en.alibaba.com/product/60791181001-801732344/true_hepa_filter_anion_with_whisper_quiet_operation_air_purifier.html?spm=a2700.icbuShop.74.4.36e75210Ku83VK.*)

\* cited by examiner

(30) **Foreign Application Priority Data**  
Mar. 19, 2018 (CN) ..... 2018 3 0101677

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(51) **LOC (11) Cl.** ..... **23-04**  
(52) **U.S. Cl.**  
USPC ..... **D23/364**

(58) **Field of Classification Search**  
USPC ..... D23/355-366, 352, 369, 332, 333, 335,  
D23/336, 342, 351; 422/120, 122;  
55/356, 473, 504; 96/97; D14/188, 170,  
D14/172; 261/DIG. 17, DIG. 65,  
261/DIG. 88, DIG. 31; D18/34.6  
CPC .. A61L 9/16; A61L 9/22; B01D 47/00; B01D  
47/027; B01D 2221/02; B01D 2259/4508;  
B03C 3/155; B03C 3/368; F24F 3/16;  
F24F 13/20; F24F 13/28; F24F 3/1405;  
F24F 3/1603; F24F 13/222  
See application file for complete search history.

(57) **CLAIM**

The ornamental design for an air purifier, as shown and described.

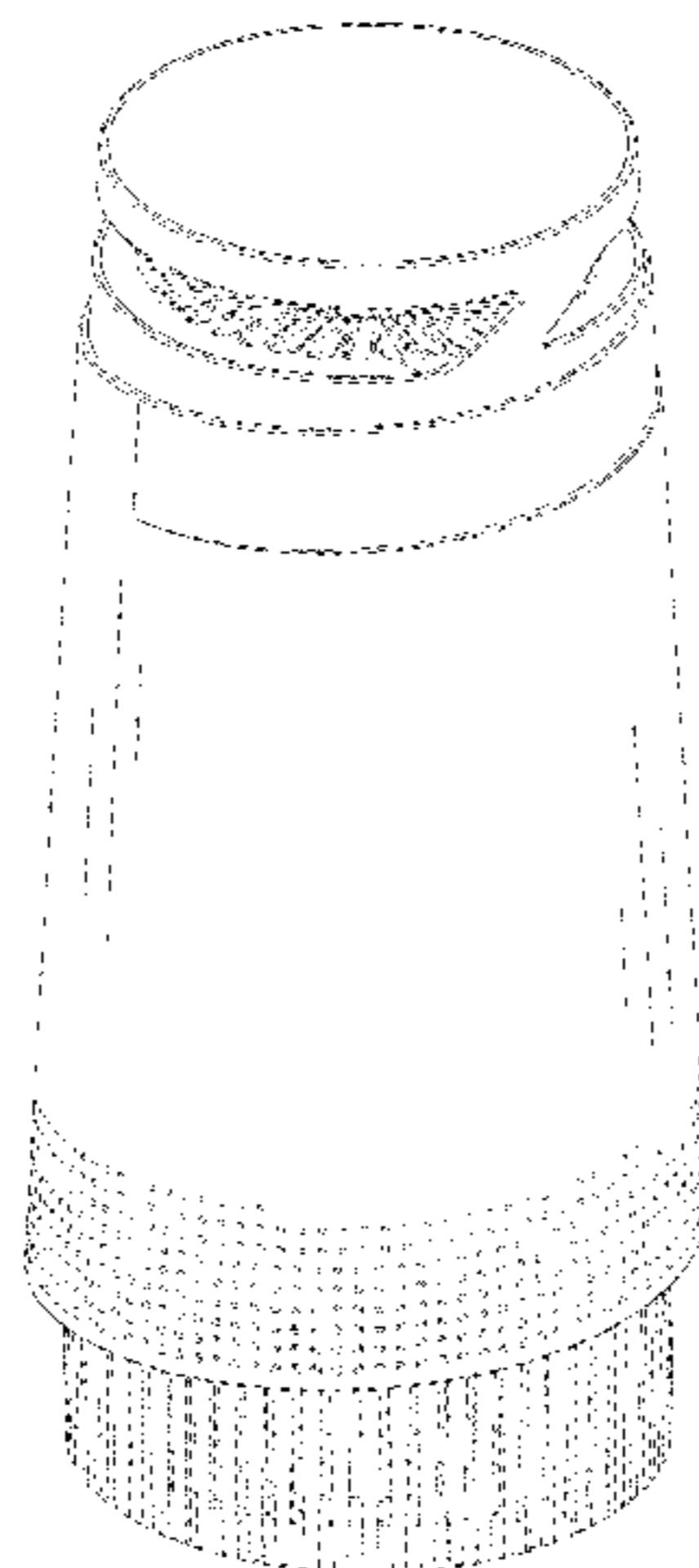
**DESCRIPTION**

FIG. 1 is a perspective view of an air purifier showing our new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a left side elevational view thereof;  
FIG. 5 is a right side elevational view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.  
The broken lines illustrate portions of the air purifier which form no part of the claimed design.

(56) **References Cited**  
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**1 Claim, 7 Drawing Sheets**



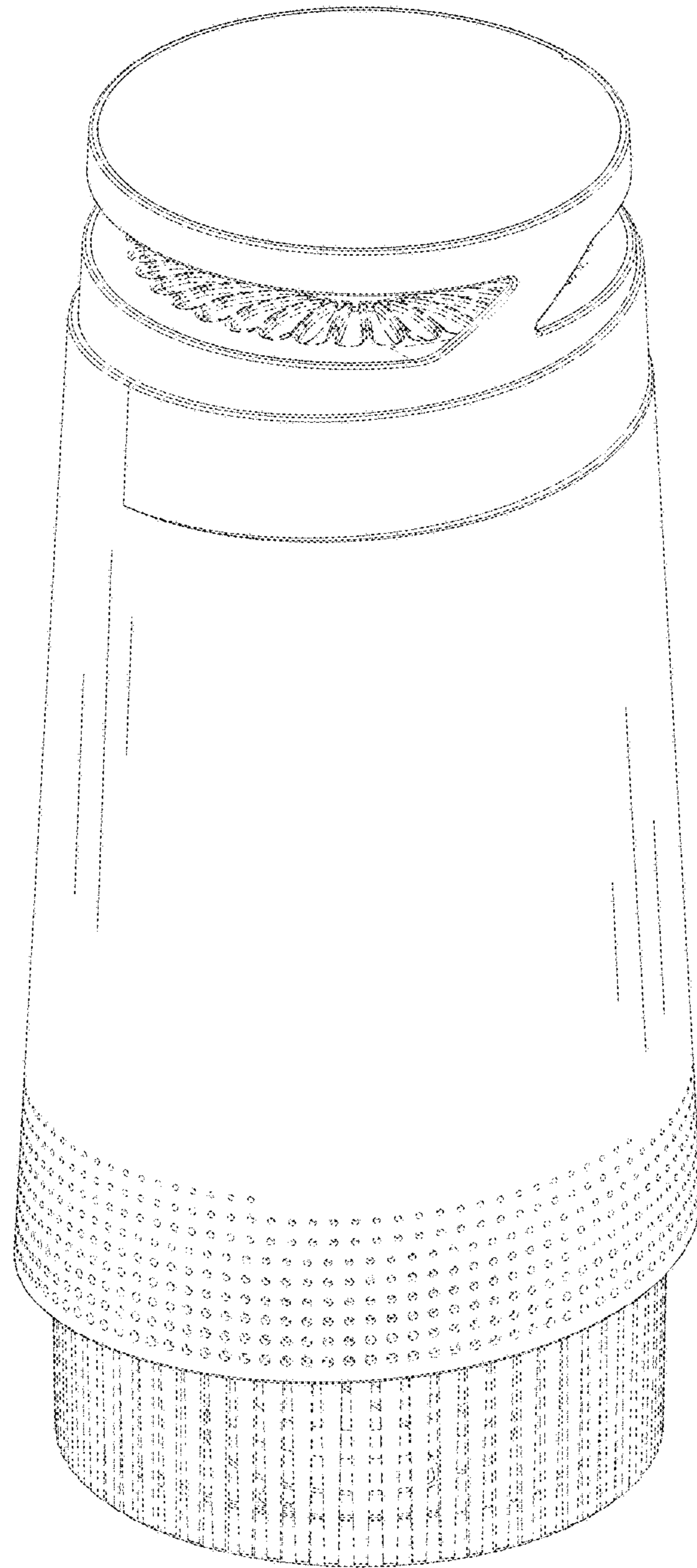


FIG. 1

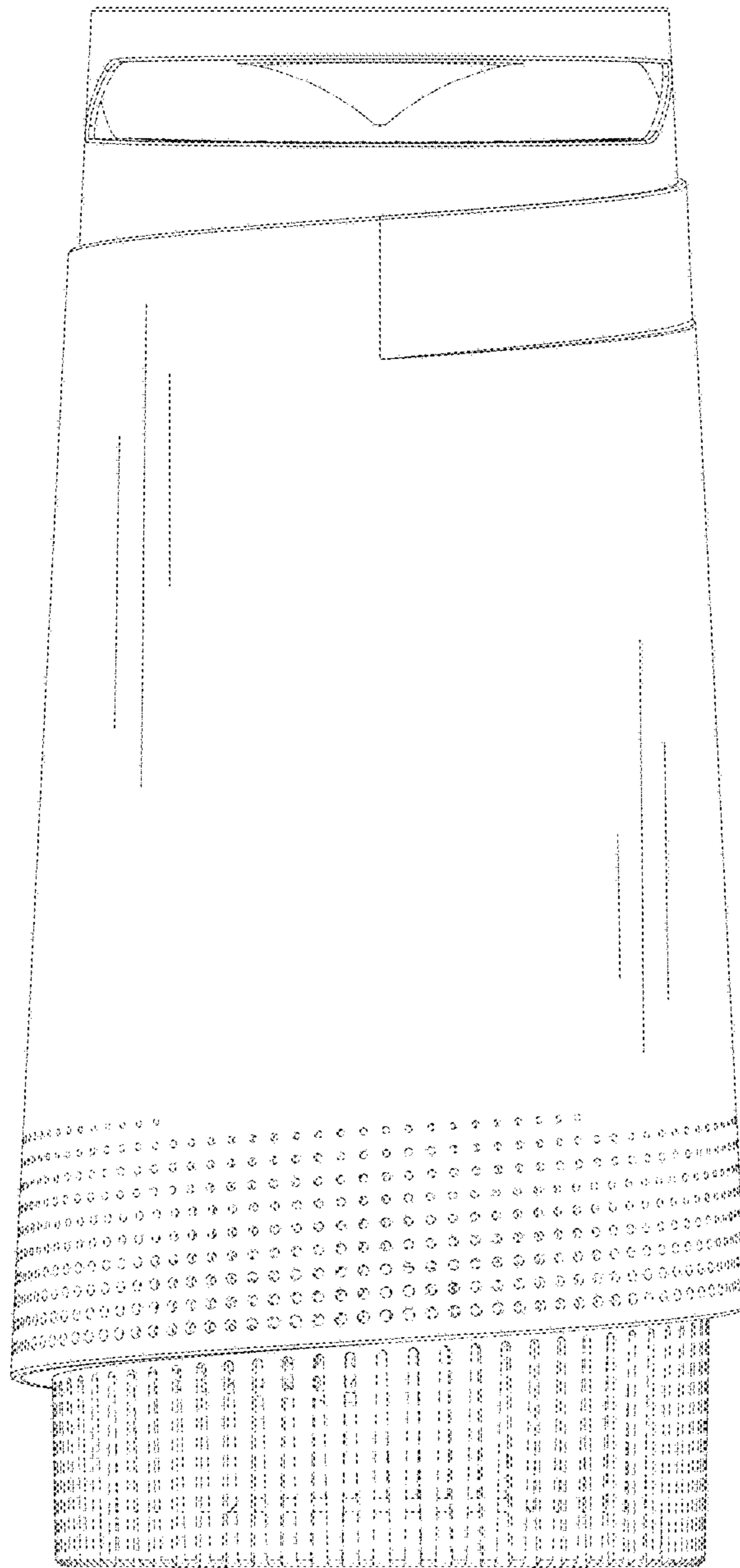


FIG. 2

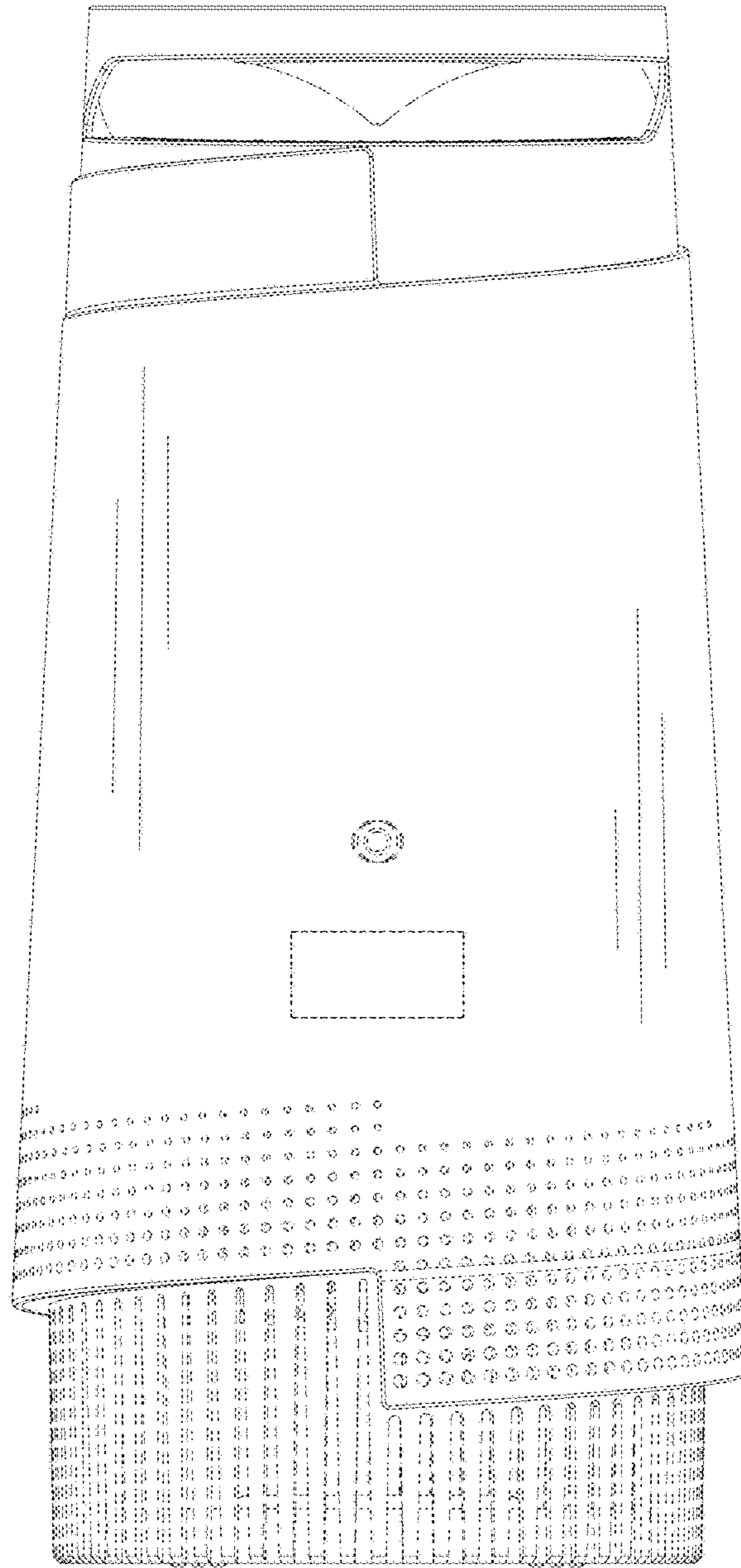


FIG. 3

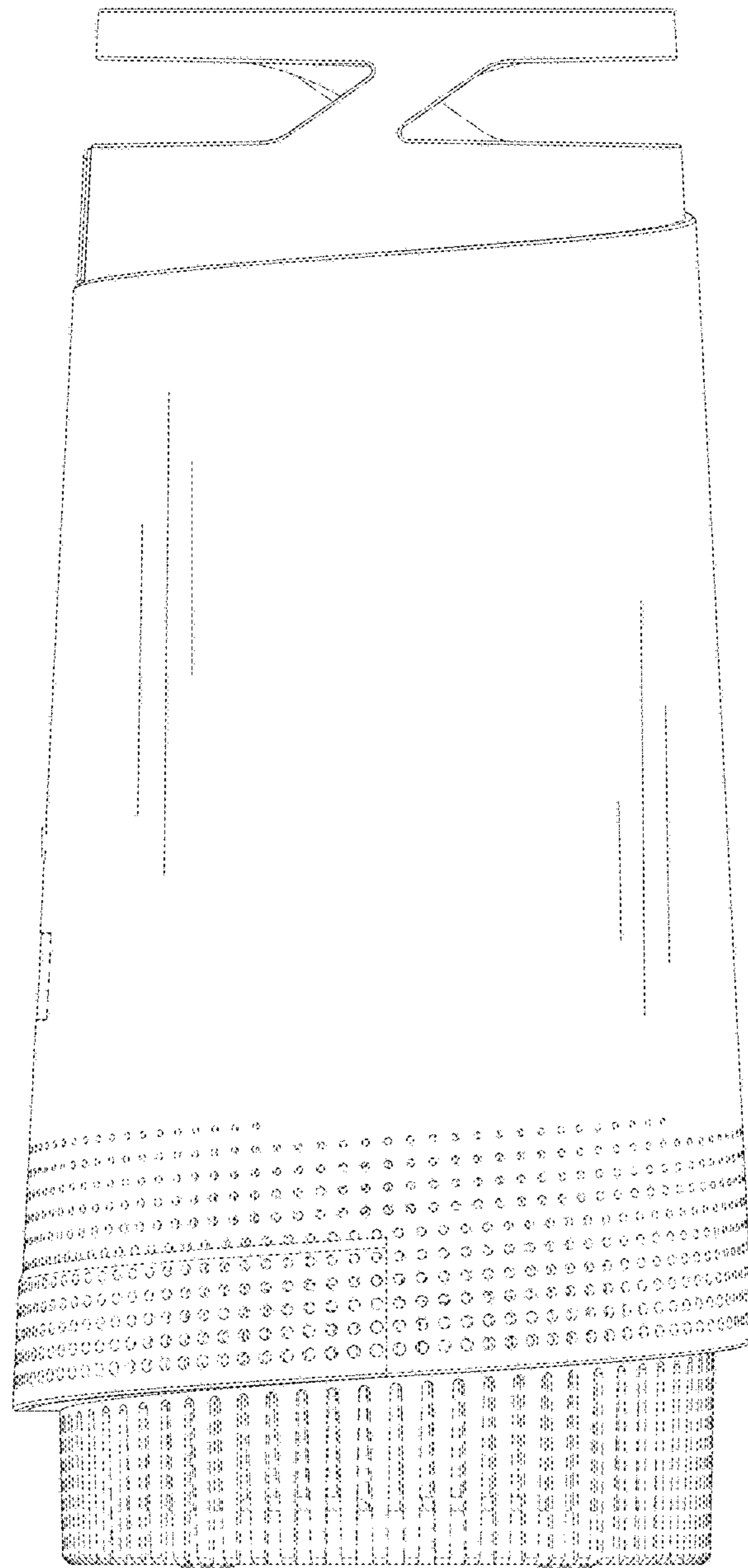


FIG. 4

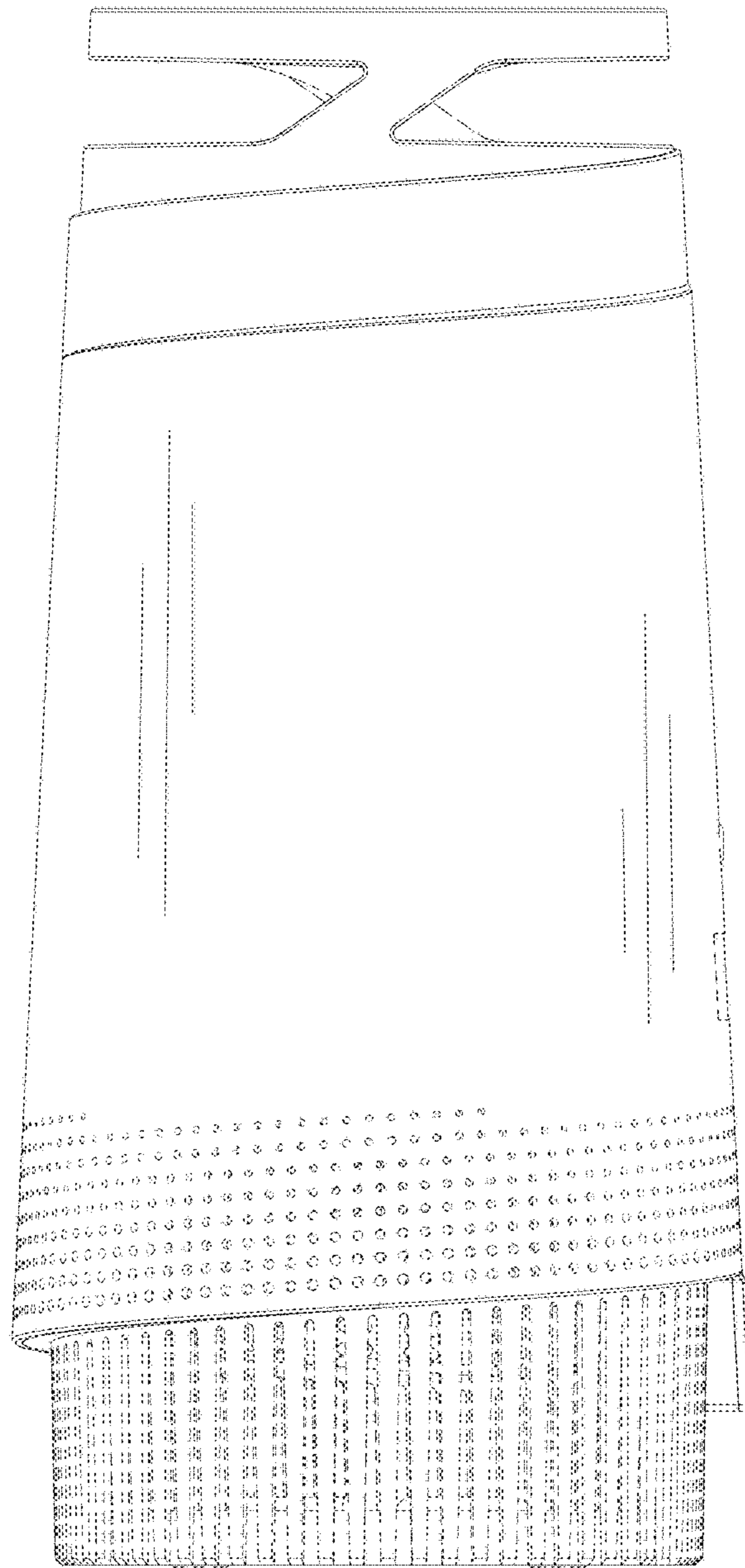


FIG. 5

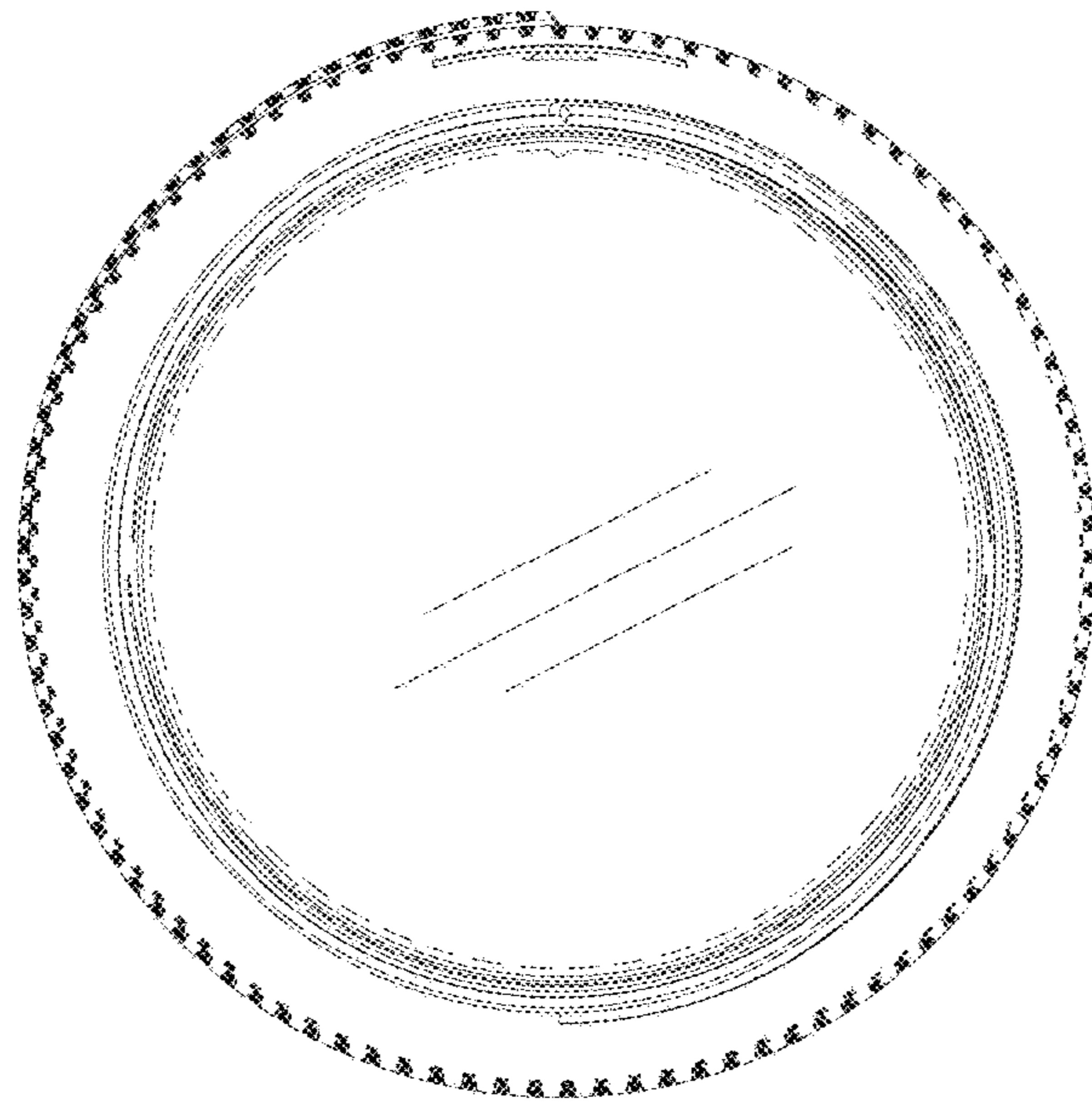


FIG. 6

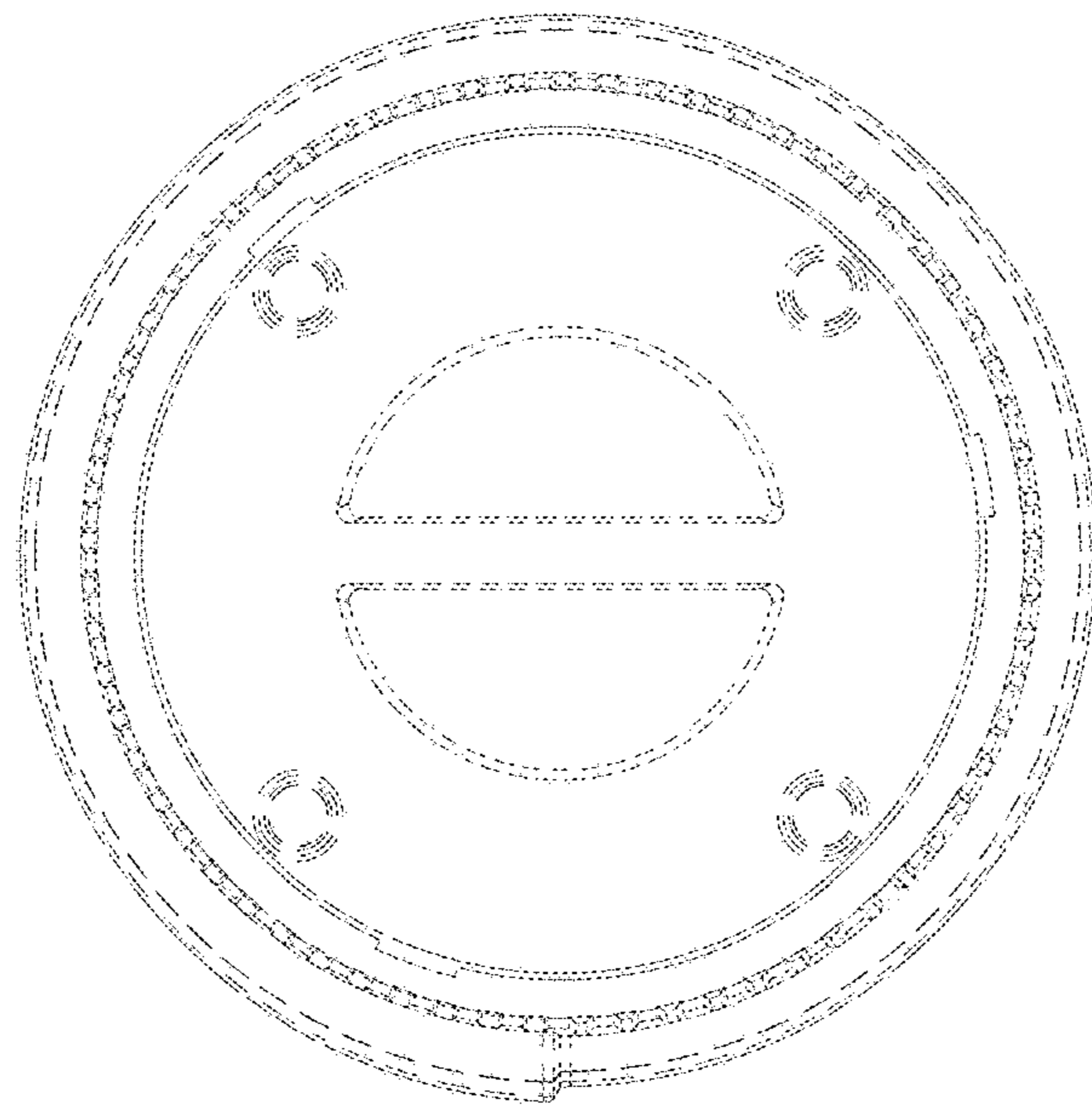


FIG. 7