



US00D837640S

(12) **United States Design Patent** (10) **Patent No.:** **US D837,640 S**
Liou (45) **Date of Patent:** **** Jan. 8, 2019**

(54) **CONTROLLER OF TOOL**2009/0139952 A1* 6/2009 Raman B65D 77/283
215/229(71) Applicant: **Mou-Tang Liou**, Taichung (TW)2012/0210752 A1* 8/2012 Ragner D04B 9/44
66/13(72) Inventor: **Mou-Tang Liou**, Taichung (TW)2014/0360968 A1* 12/2014 Barth B65D 41/34
215/44(**) Term: **15 Years**

* cited by examiner

(21) Appl. No.: **29/549,703**

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(22) Filed: **Dec. 28, 2015**

Assistant Examiner — Ieisha N Price

(51) LOC (11) Cl. **08-08**(74) Attorney, Agent, or Firm — Alan D. Kamrath;
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(52) U.S. Cl.

USPC **D8/382**(58) **Field of Classification Search**USPC D8/349, 354, 382, 387, 395, 499, 300,
D8/307, 321, 322, 311, 312; D9/434,D9/435, 452, 453, 499
CPC A61J 1/00; A61J 1/03; B25B 23/00; B25B
23/005; B25B 23/0028; B25F 5/001;
B25G 1/046; B25G 3/38; B65D 41/02;
B65D 41/04

See application file for complete search history.

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239/288.5

FIG. 1 is a perspective view of a controller of tool showing my new Design, the broken line drawing of the controller of tool is for illustrative purposes only and forms no part of the claimed design;

FIG. 2 is a front view thereof, the broken line drawing of the controller of tool is for illustrative purposes only and forms no part of the claimed design;

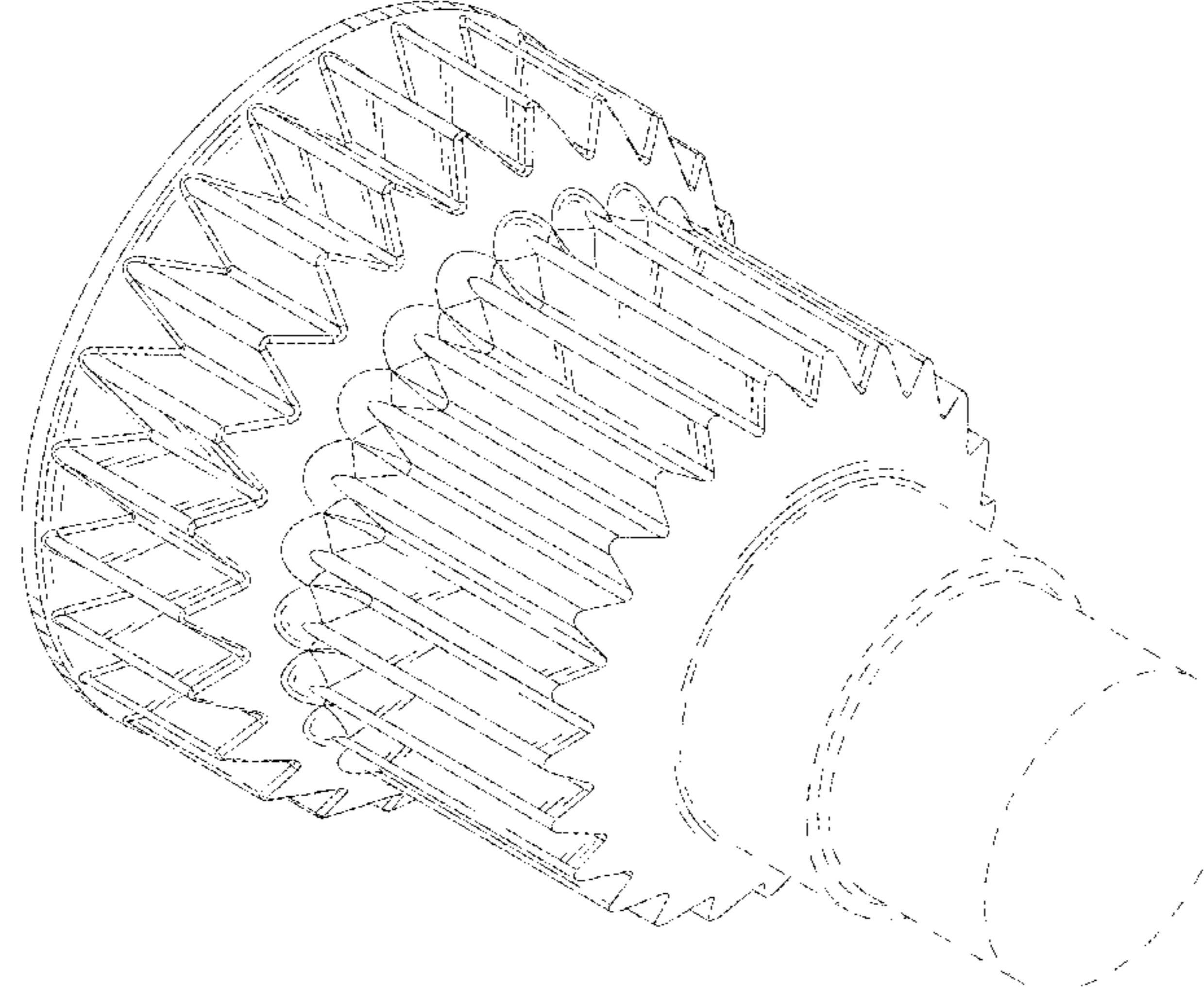
FIG. 3 is a rear view thereof, the broken line drawing of the controller of tool is for illustrative purposes only and forms no part of the claimed design;

FIG. 4 is a left view thereof;

FIG. 5 is a right view thereof, the broken line drawing of the controller of tool is for illustrative purposes only and forms no part of the claimed design;

FIG. 6 is a top view thereof, the broken line drawing of the controller of tool is for illustrative purposes only and forms no part of the claimed design; and,

FIG. 7 is a bottom view thereof, the broken line drawing of the controller of tool is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 7 Drawing Sheets

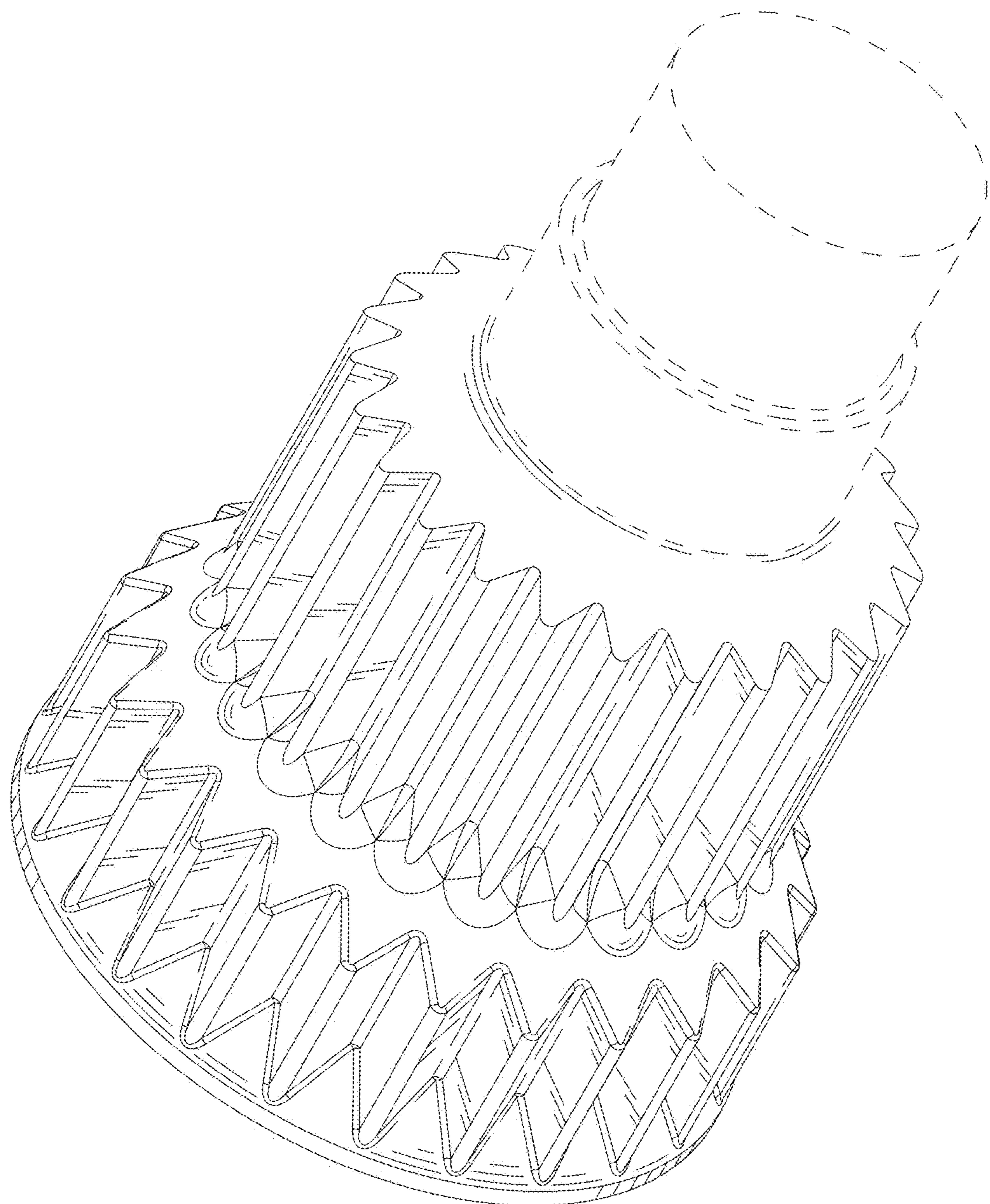


FIG. 1

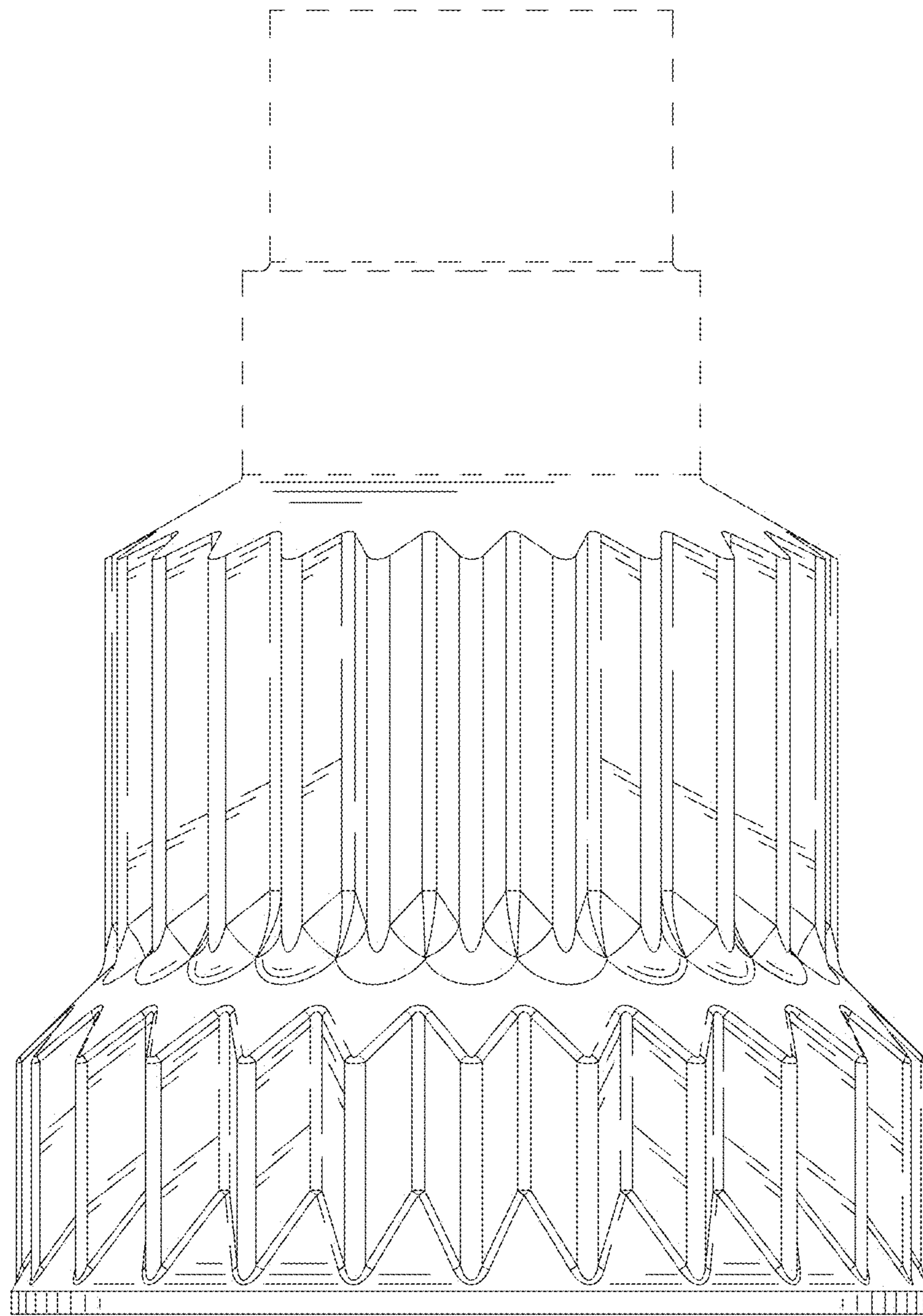


FIG. 2

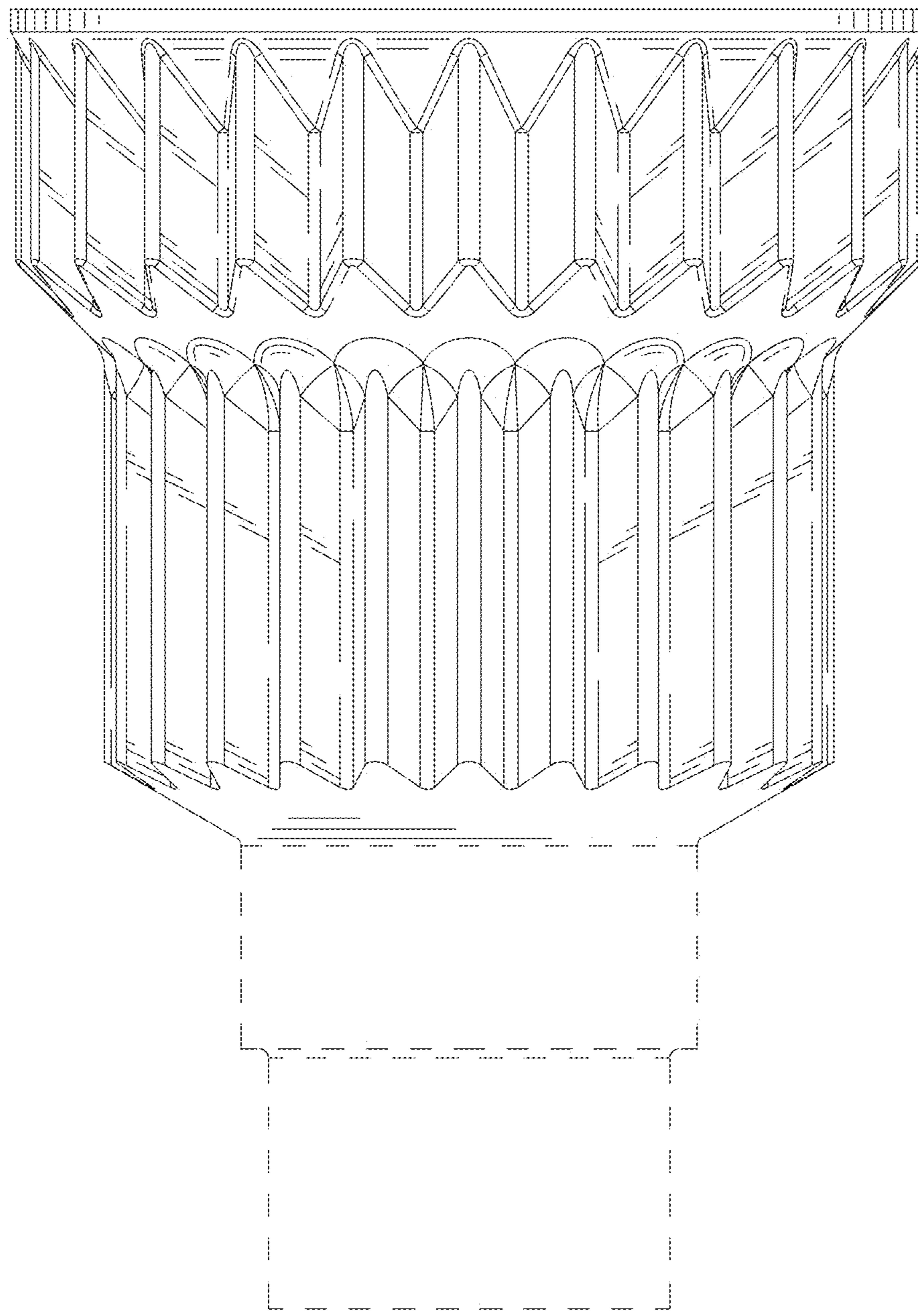


FIG. 3

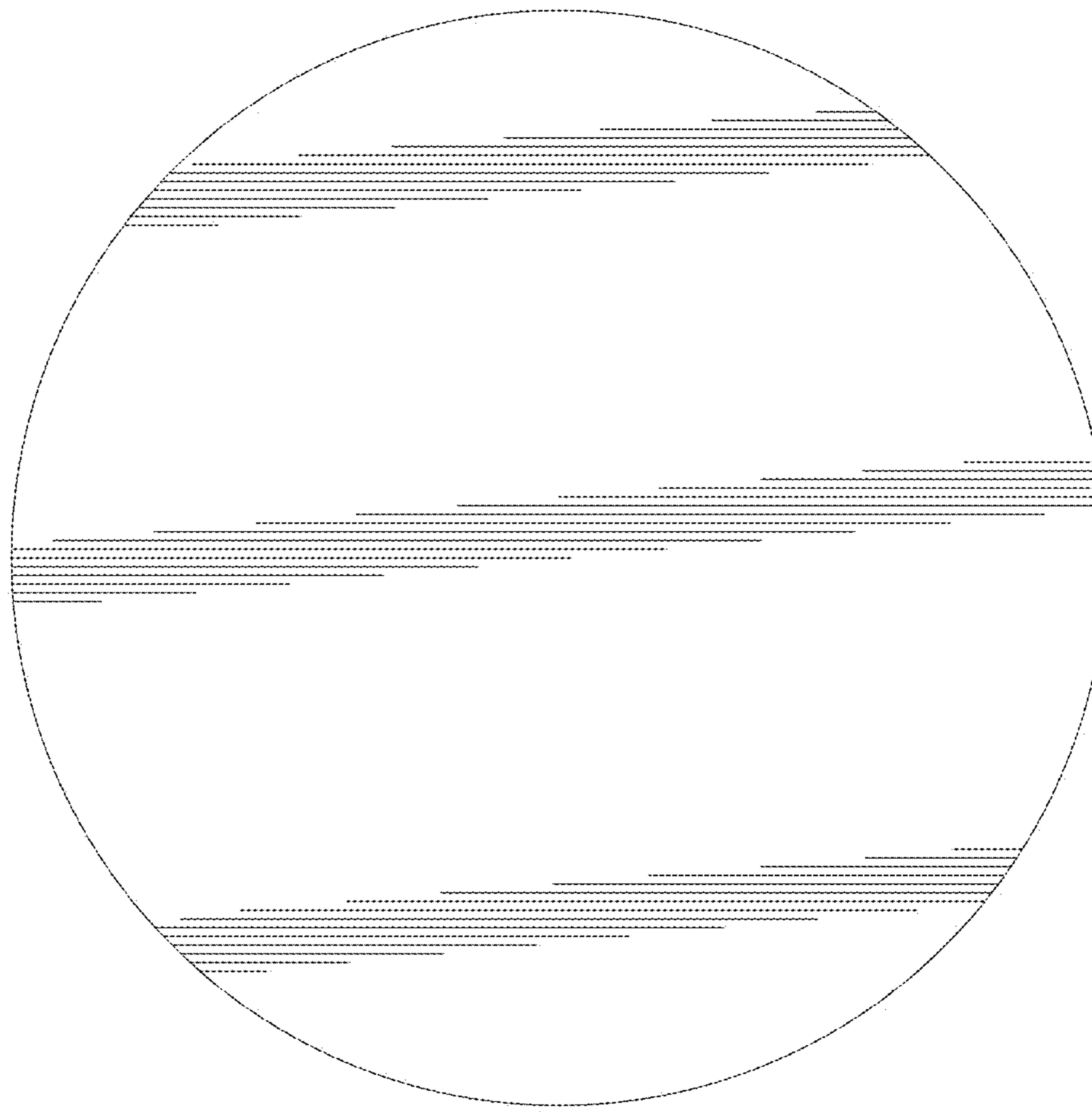


FIG. 4

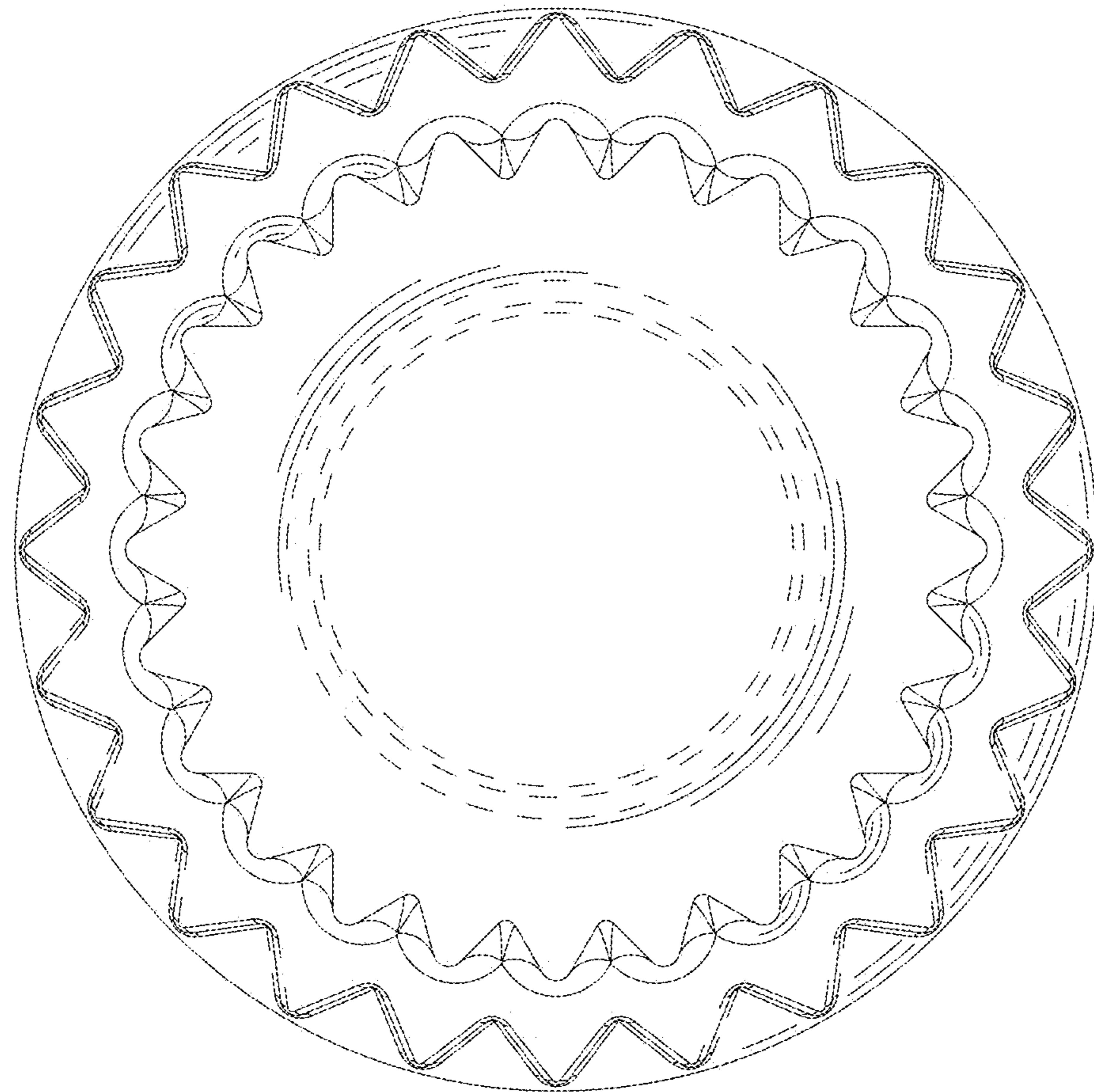


FIG. 5

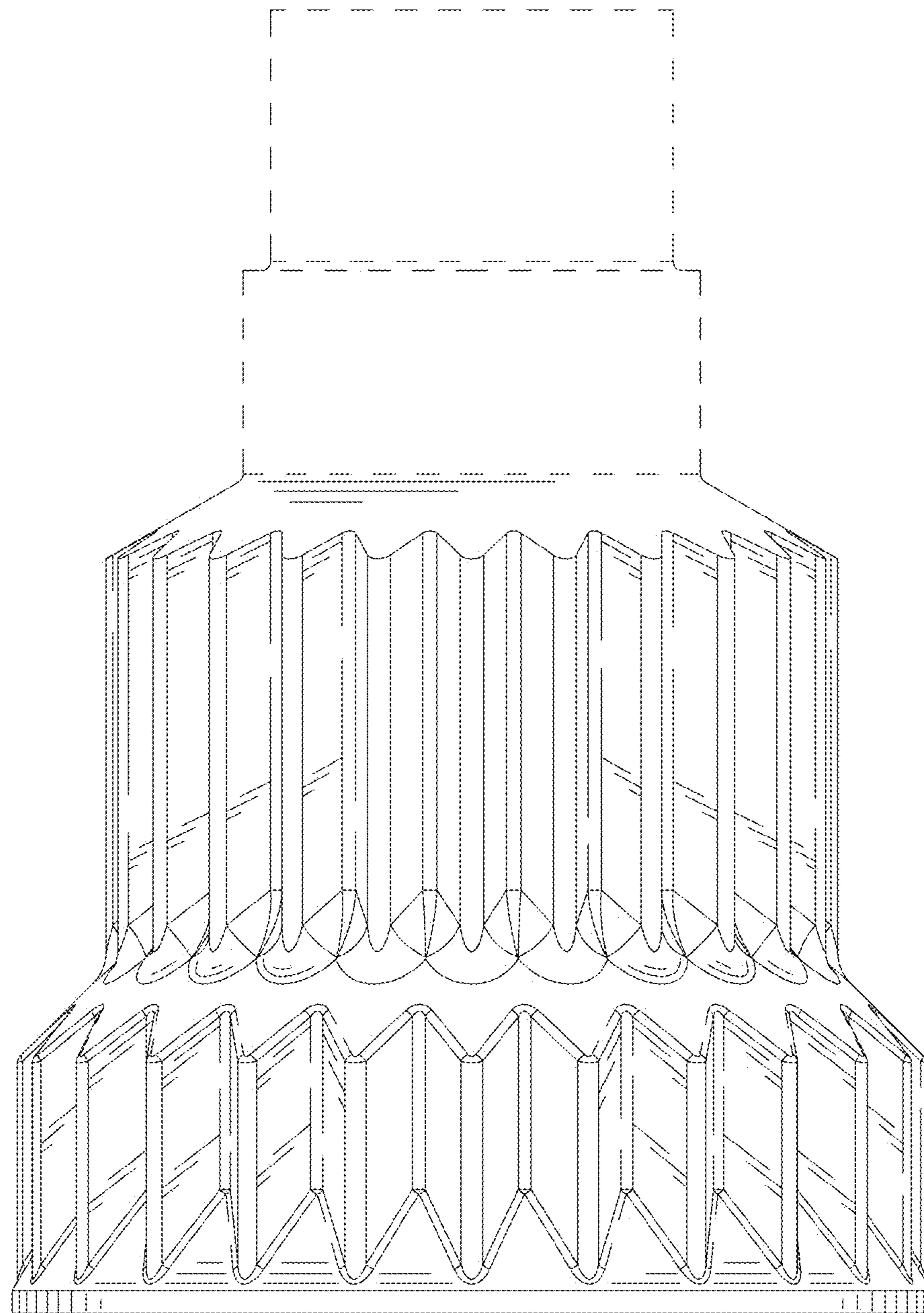


FIG. 6

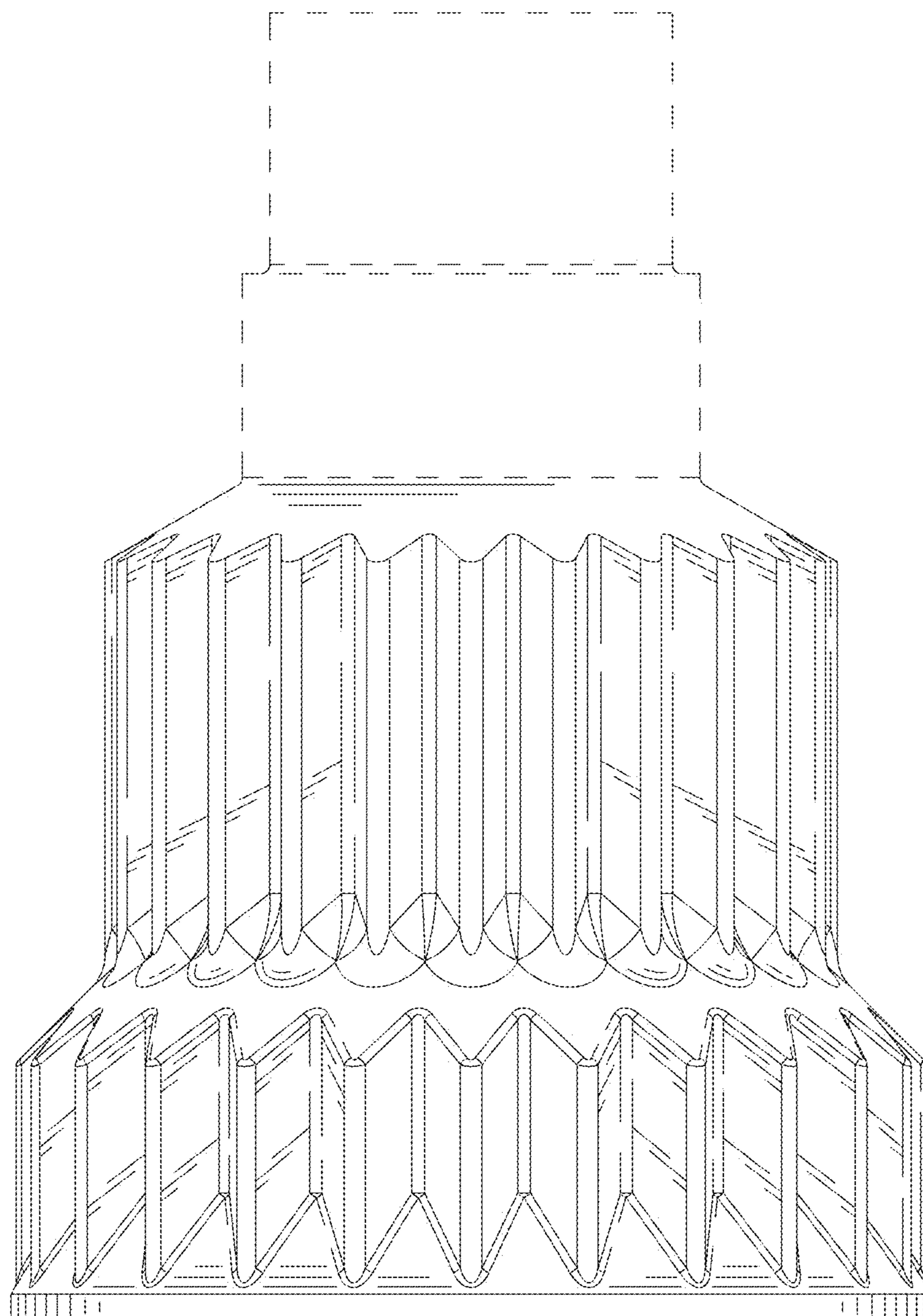


FIG. 7