



US00D790469S

(12) **United States Design Patent** (10) **Patent No.:** **US D790,469 S**
Qi et al. (45) **Date of Patent:** ** Jun. 27, 2017

(54) **ELECTRICAL BRUSH**(71) Applicant: **Johnson Electric S.A.**, Murten (CH)(72) Inventors: **Fa Yun Qi**, Shenzhen (CN); **Shu Dan Zhao**, Shenzhen (CN); **Cheng Shun Du**, Shenzhen (CN); **Rui Feng Qin**, Hong Kong (CN)(73) Assignee: **JOHNSON ELECTRIC S.A.**, Murten (CH)(**) Term: **15 Years**(21) Appl. No.: **29/566,872**(22) Filed: **Jun. 3, 2016**(30) **Foreign Application Priority Data**

Dec. 4, 2015 (CN) 2015 3 0503548

(51) LOC (10) Cl. 13-01

(52) U.S. Cl.

USPC **D13/122**(58) **Field of Classification Search**

USPC D13/101, 110, 112, 113, 114, 118, 120, D13/122, 174, 184, 199; D15/5, 143,

D15/148, 199; D23/233; D12/180

CPC H02K 5/148; H02K 11/026; H02K 11/40; H01R 39/38; F16D 41/04; F16D 65/14;

F16D 2125/40; F16D 2125/48

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D138,289 S * 7/1944 Lear D13/112

D201,862 S * 8/1965 Johnson D13/108

4,673,837 A *	6/1987	Gingerich	H02K 5/148
29/597			
7,034,430 B2 *	4/2006	Custforth	H01R 39/38
310/229			
D528,982 S *	9/2006	Reverberi	D13/122
D533,833 S *	12/2006	Sakai	D13/122
D552,540 S *	10/2007	Miyauchi	D13/112
D571,291 S *	6/2008	Jabaji	D13/112
D573,091 S *	7/2008	Shih	D13/112
D598,377 S *	8/2009	Lannoch	D13/122
D610,987 S *	3/2010	Oohashi	D13/112
D688,627 S *	8/2013	Veeh	D13/112
D709,830 S *	7/2014	Tanaka	D13/122

* cited by examiner

Primary Examiner — Derrick Holland

(74) Attorney, Agent, or Firm — Muncy, Geissler, Olds & Lowe, P.C.

(57) **CLAIM**

The ornamental design for an electrical brush, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an electrical brush showing our new design;

FIG. 2 is a right side elevational view thereof;

FIG. 3 is a left side elevational view thereof;

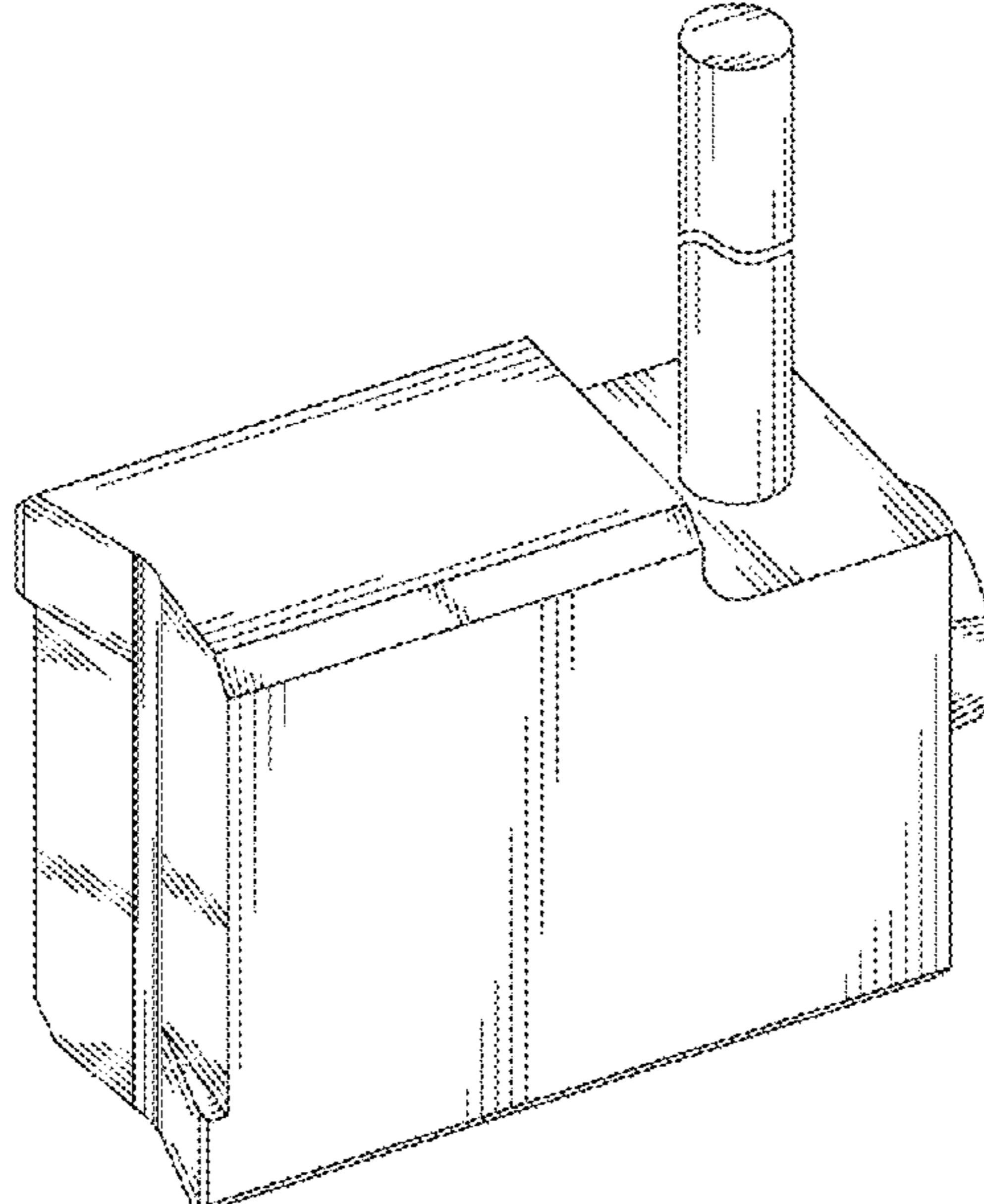
FIG. 4 is a front elevational view thereof;

FIG. 5 is a rear elevational view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The electrical brush is shown with a symbolic break in its length. The appearance of any portion of the article between the break lines forms no part of the claimed design.

1 Claim, 7 Drawing Sheets

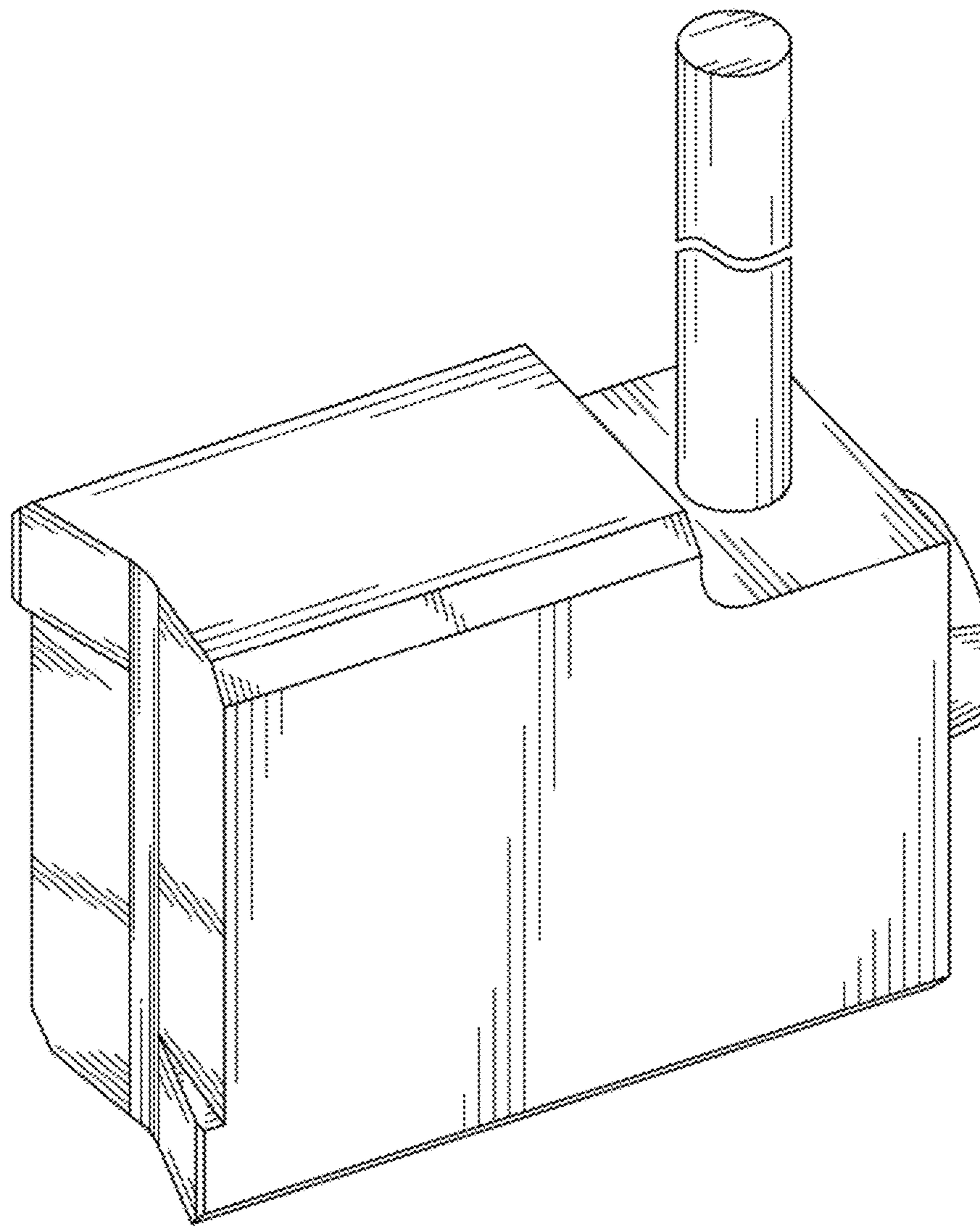


FIG. 1

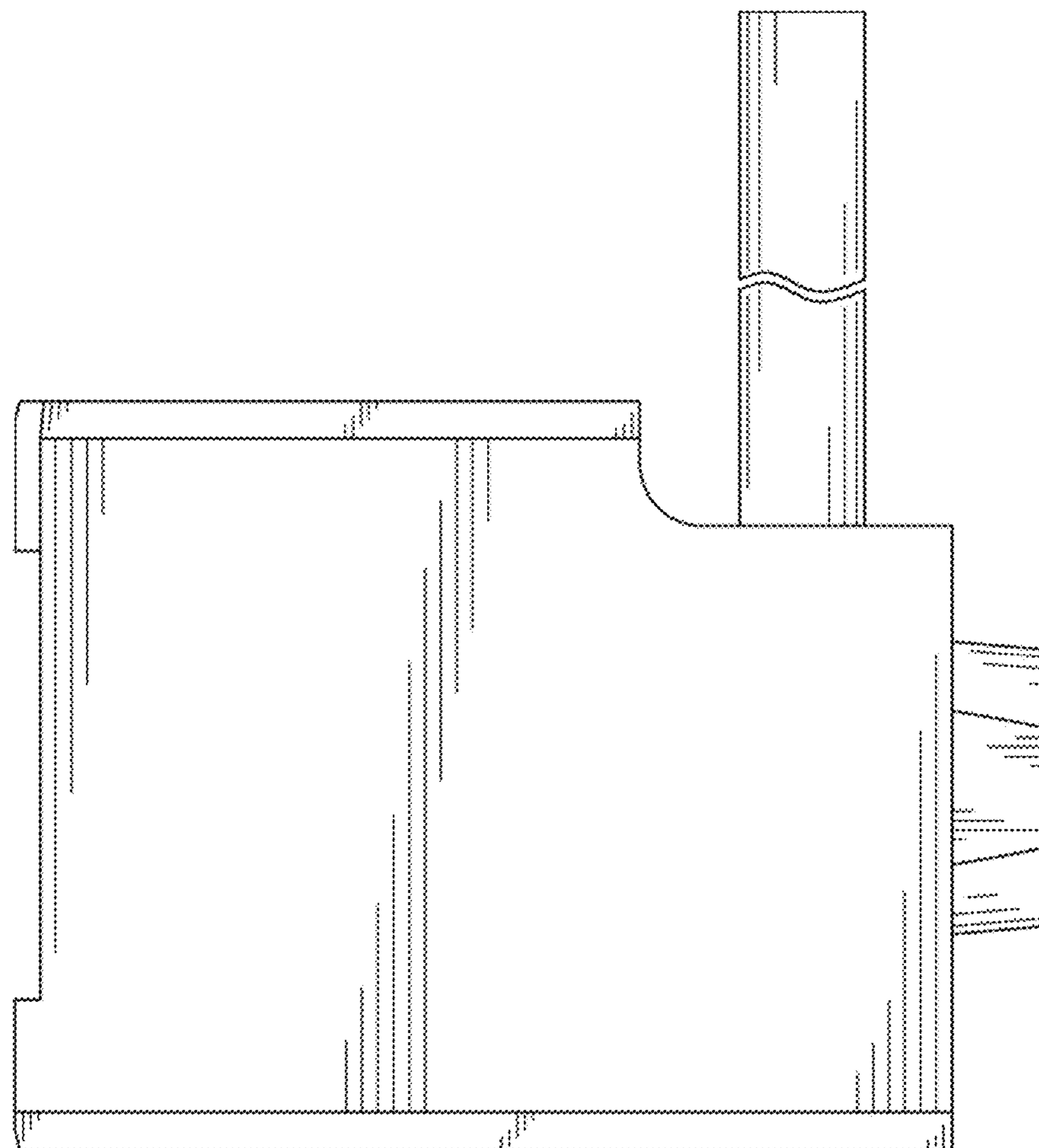


FIG. 2

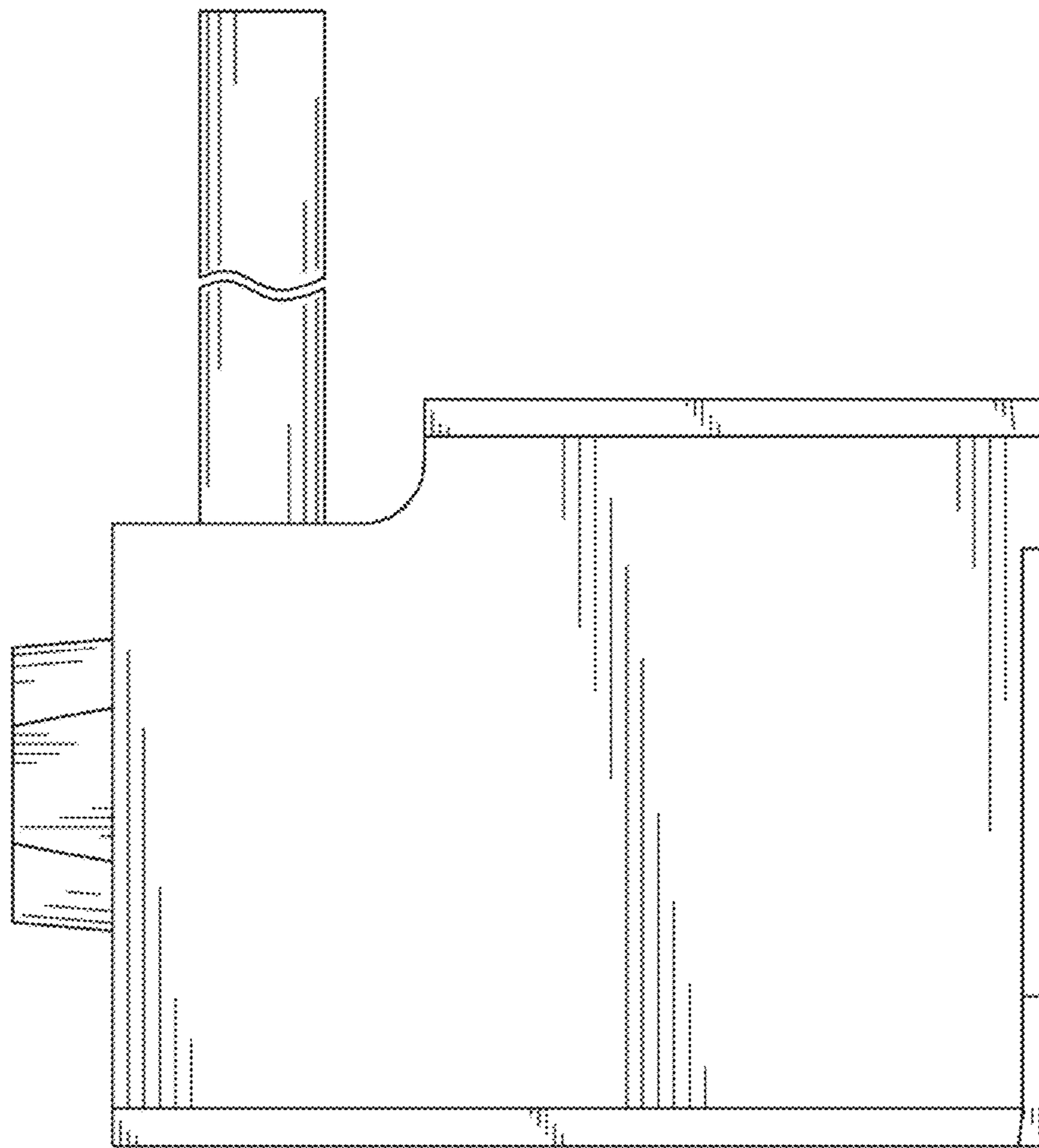


FIG. 3

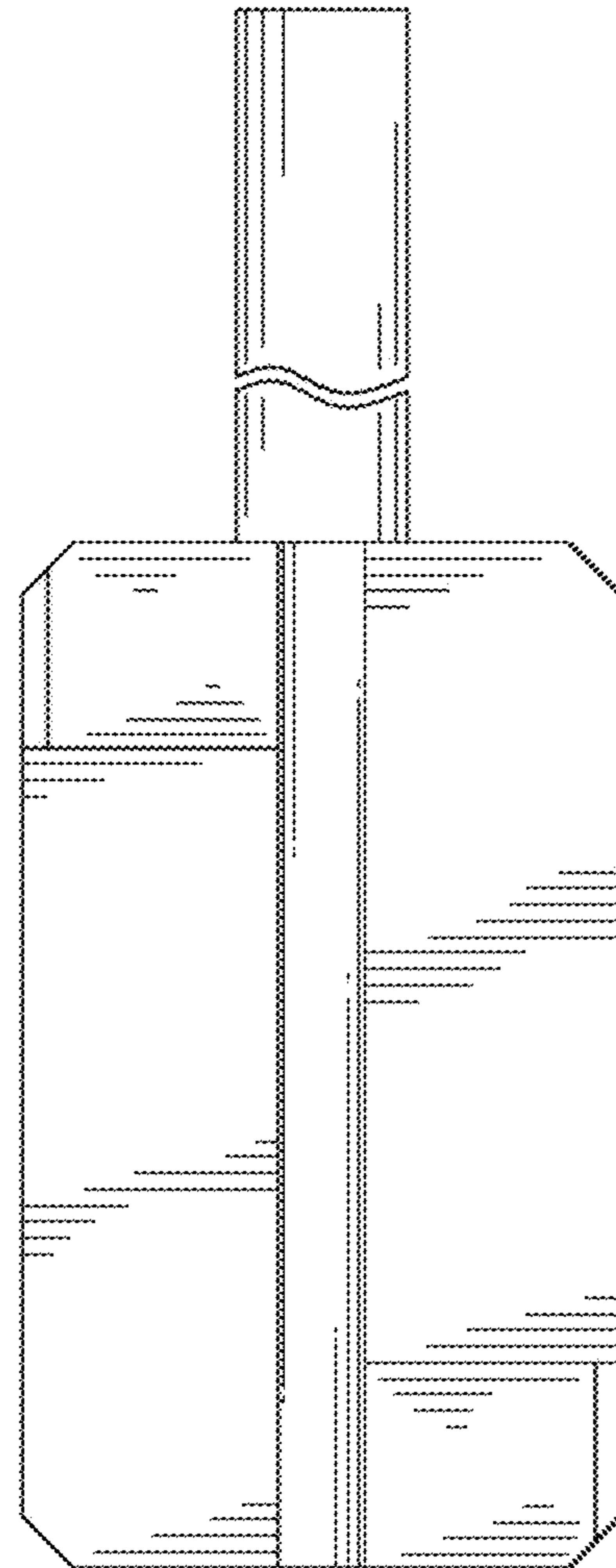


FIG. 4

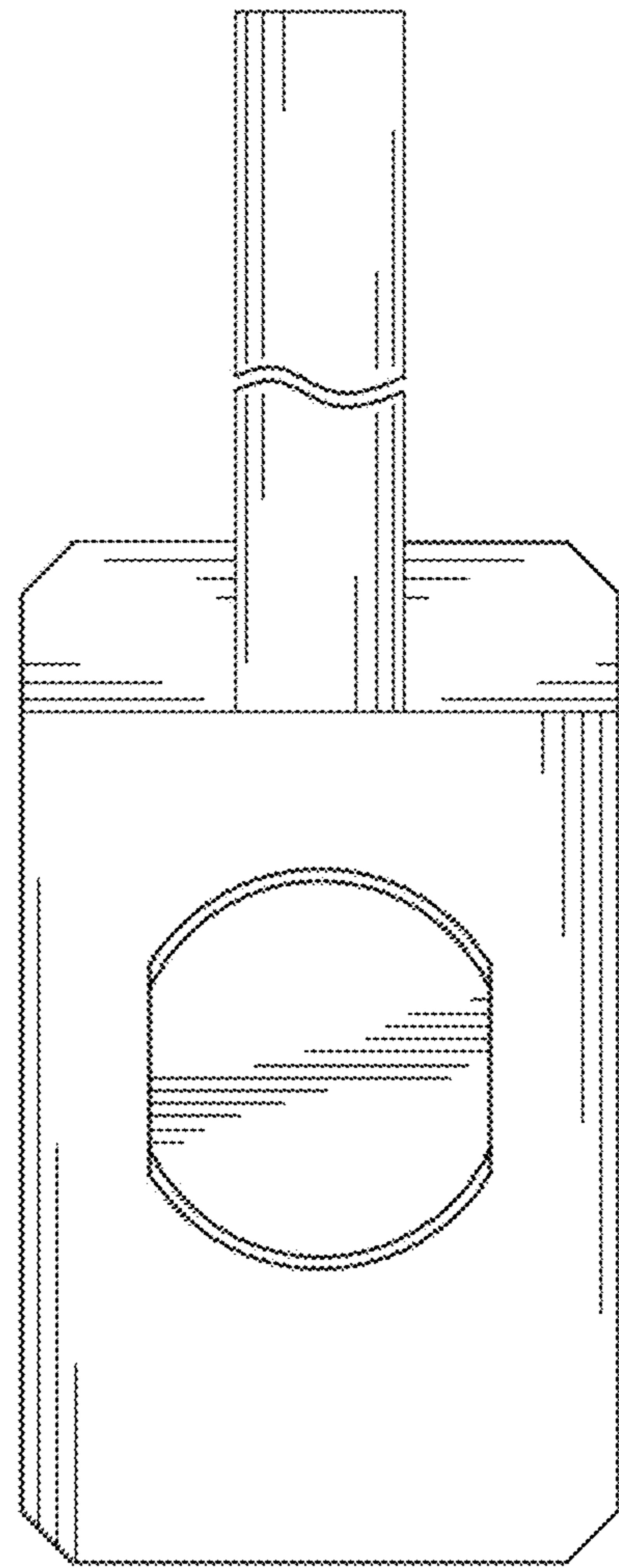


FIG. 5

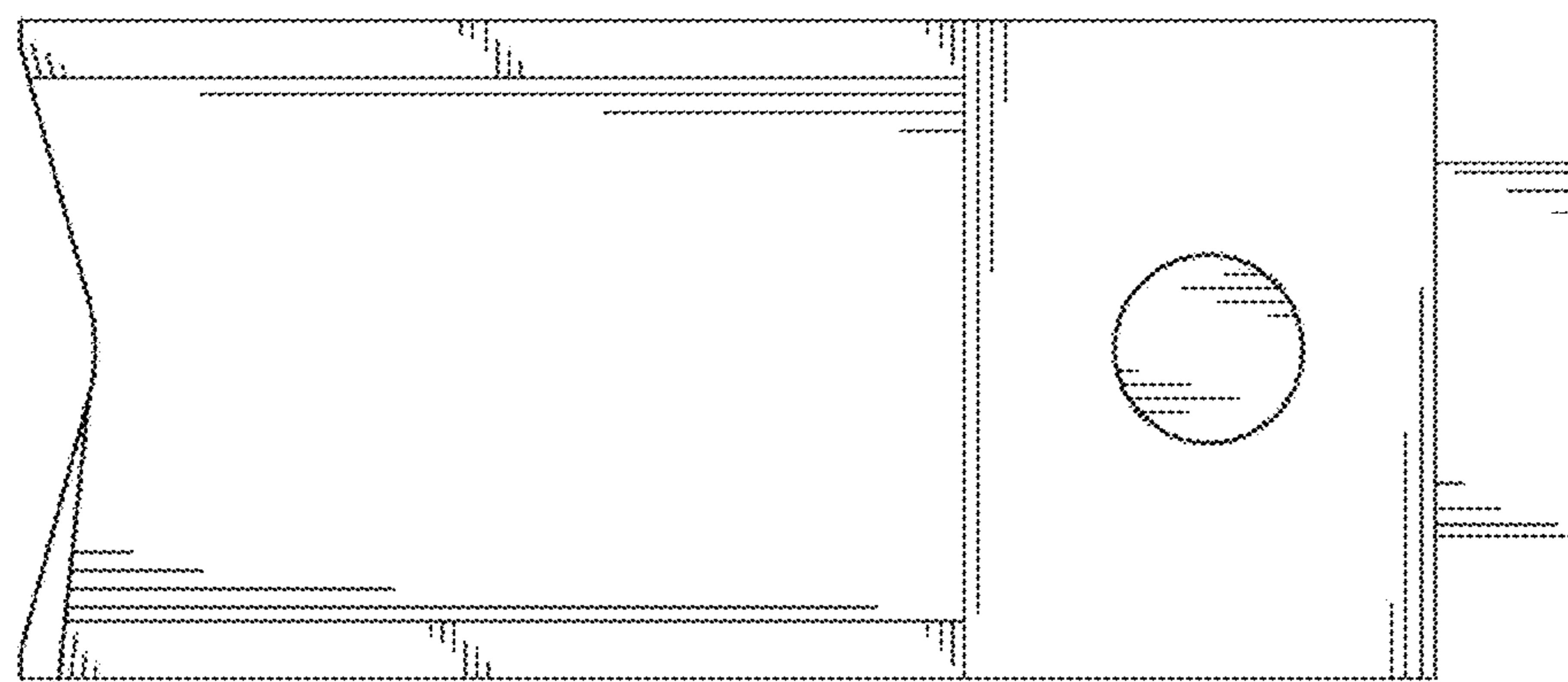


FIG. 6

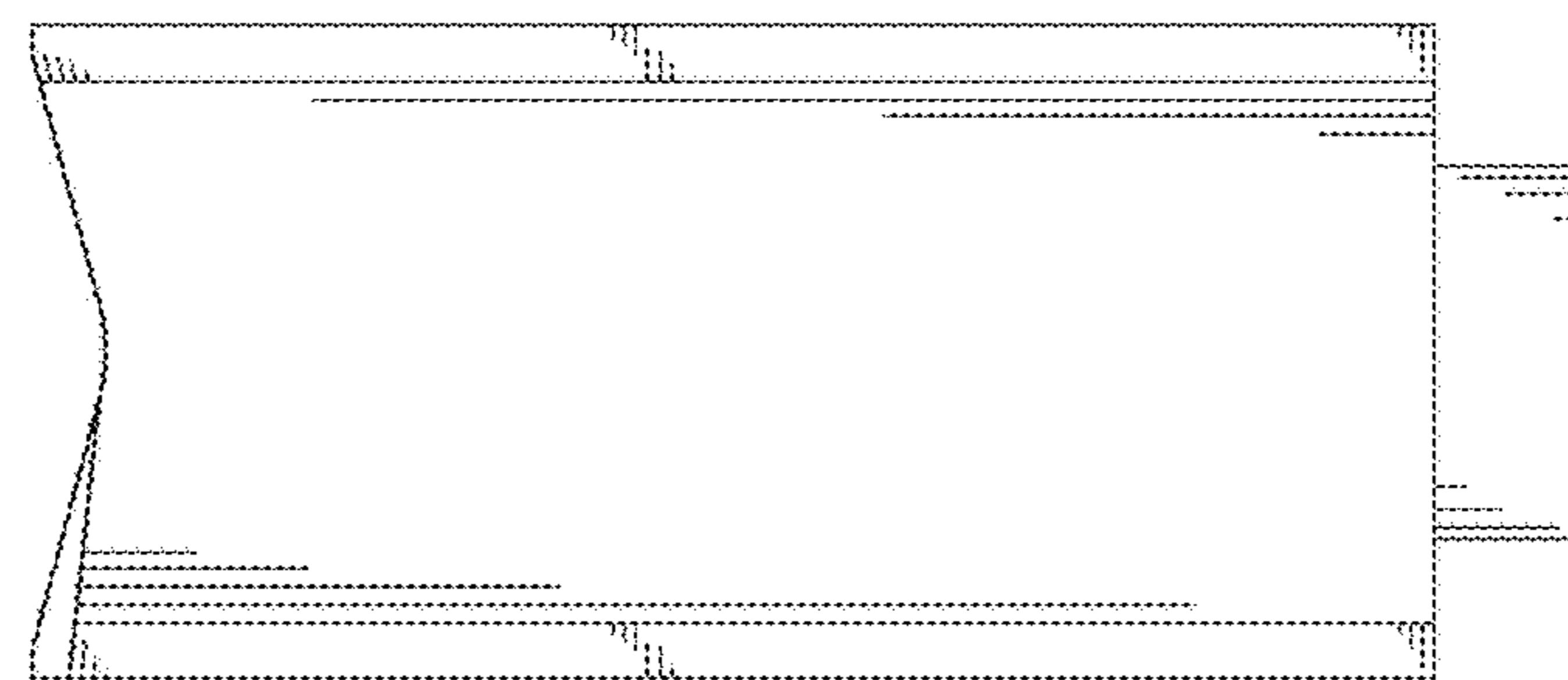


FIG. 7