



US00D892198S

(12) **United States Design Patent** (10) **Patent No.:** **US D892,198 S**
Tanaka et al. (45) **Date of Patent:** **** Aug. 4, 2020**

(54) **PROJECTOR**

(71) Applicant: **FUJIFILM Corporation**, Tokyo (JP)

(72) Inventors: **Kunihiko Tanaka**, Saitama (JP); **Koji Yoshida**, Saitama (JP)

(73) Assignee: **FUJIFILM Corporation**, Tokyo (JP)

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

(21) Appl. No.: **29/675,809**

(22) Filed: **Jan. 4, 2019**

(30) **Foreign Application Priority Data**

Jul. 13, 2018 (JP) 2018-015545

(51) **LOC (12) Cl.** **16-02**

(52) **U.S. Cl.**
USPC **D16/235**

(58) **Field of Classification Search**

USPC D16/221, 225, 229–231, 234–235, 217,
D16/219; D21/514; 353/101, 119, 122
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D867,431 S * 11/2019 Yoshida D16/235
D877,797 S * 3/2020 Tanaka D16/235
(Continued)

FOREIGN PATENT DOCUMENTS

JP 1602051 S 4/2018
JP 1611951 S 11/2018
(Continued)

OTHER PUBLICATIONS

An Office Action; “Notification,” issued by the Japanese Patent Office dated Jan. 31, 2019, which corresponds to Japanese Design

Application No. 2018-015546 and is related to Design U.S. Appl. No. 29/675,809; with English language translation.

(Continued)

Primary Examiner — Wan Laymon

(74) *Attorney, Agent, or Firm* — Studebaker & Brackett PC

(57) **CLAIM**

The ornamental design for a projector, as shown and described.

DESCRIPTION

FIG. 1 is a top left perspective view of a projector showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a top plan view thereof;

FIG. 5 is a bottom plan view thereof;

FIG. 6 is a right side view thereof;

FIG. 7 is a left side view thereof;

FIG. 8 is a top left perspective view of the projector with a lens directed to a first direction;

FIG. 9 is a front view thereof;

FIG. 10 is a rear view thereof;

FIG. 11 is a top plan view thereof;

FIG. 12 is a bottom plan view thereof;

FIG. 13 is a right side view thereof;

FIG. 14 is a left side view thereof;

FIG. 15 is a top left perspective view of the projector with the lens directed to a second direction;

FIG. 16 is a top left perspective view of the projector with the lens directed to a third direction;

FIG. 17 is a top left perspective view of the projector with the lens directed to a fourth direction;

FIG. 18 is a top left perspective view of the projector with the lens directed to a fifth direction;

FIG. 19 is a top left perspective view of the projector with the lens directed to a sixth direction;

FIG. 20 is a top left perspective view of the projector with the lens directed to a seventh direction;

FIG. 21 is a top left perspective view of the projector with the lens directed to an eighth direction;

(Continued)

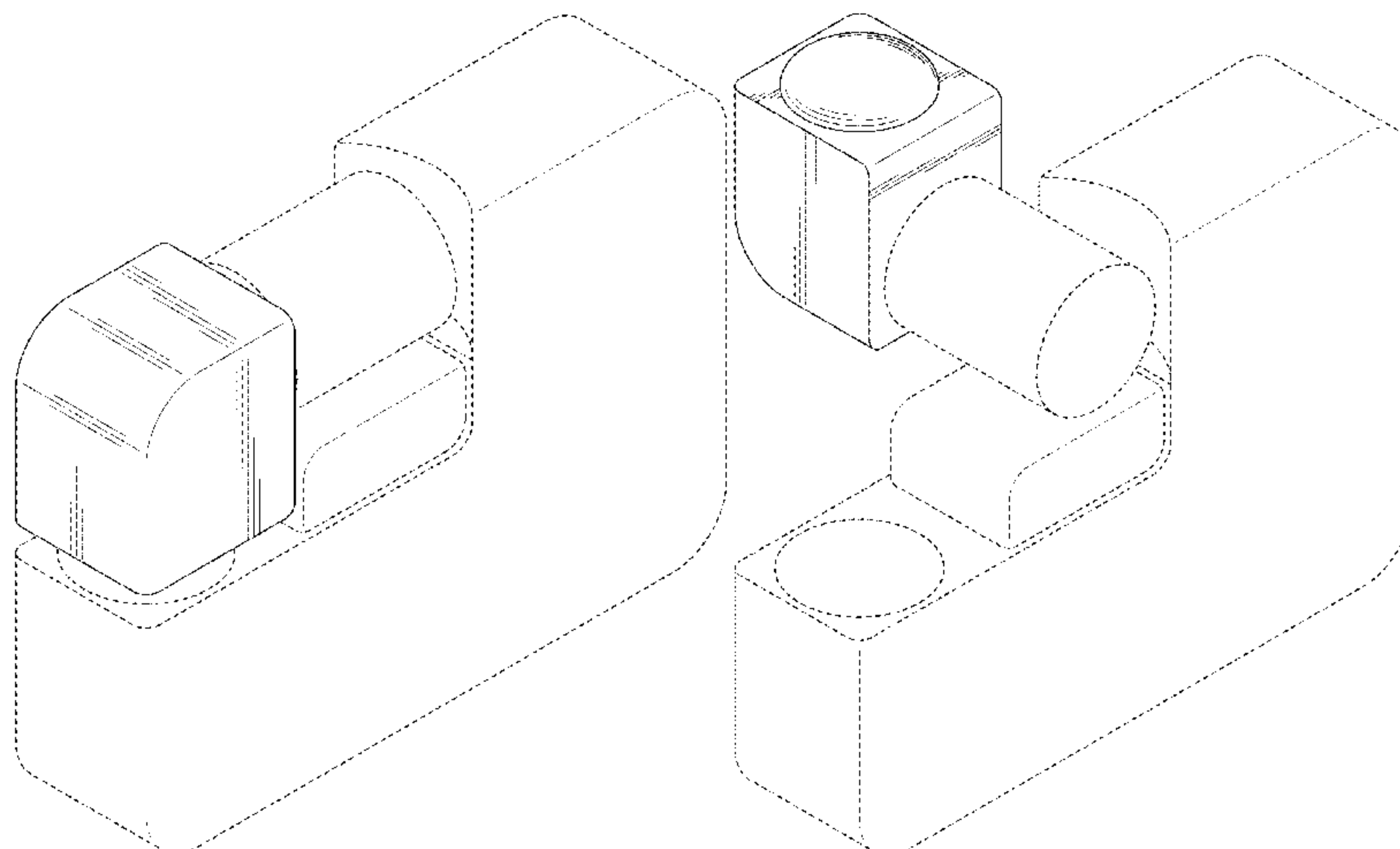


FIG. 22 is a top left perspective view of the projector with the lens directed to a ninth direction;
FIG. 23 is a top left perspective view of the projector with the lens directed to a tenth direction; and,
FIG. 24 is a top left perspective view of the projector with the lens directed to an eleventh direction.
The broken lines illustrate portions of the projector and form no part of the claimed design.
The design of a lens of the projector as the lens transitions from any one of the first to the eleventh positions to another of the first to the eleventh positions forms no part of the claimed design.

1 Claim, 22 Drawing Sheets

(58) **Field of Classification Search**
CPC G03B 21/00; G03B 21/001; G03B 21/003;
 G03B 21/12; G03B 21/14; G03B 21/142;
 G03B 21/145; G03B 21/16; G03B 21/54;
 G03B 21/58; G02B 13/0025
See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

D877,798	S	*	3/2020	Tanaka		D16/235
D877,799	S	*	3/2020	Tanaka		D16/235
D877,800	S	*	3/2020	Tanaka		D16/235
D877,801	S	*	3/2020	Tanaka		D16/235
D878,453	S	*	3/2020	Tanaka		D16/235

FOREIGN PATENT DOCUMENTS

JP	1613727	S	11/2018
JP	1618897	S	11/2018

OTHER PUBLICATIONS

Macro Lens for FA Camera; p. 6; KCM-Z2-RA; (Japan Patent office, Design Division Official Gazette No. HC16035315), Publication date: Jul. 2004.
Macro Vision Technical Data3; p. 72; VS-PZ; (Japan Patent Office, Design Division Official Gazette No. HC18043966), Publication date: Nov. 1, 2006

* cited by examiner

FIG. 1

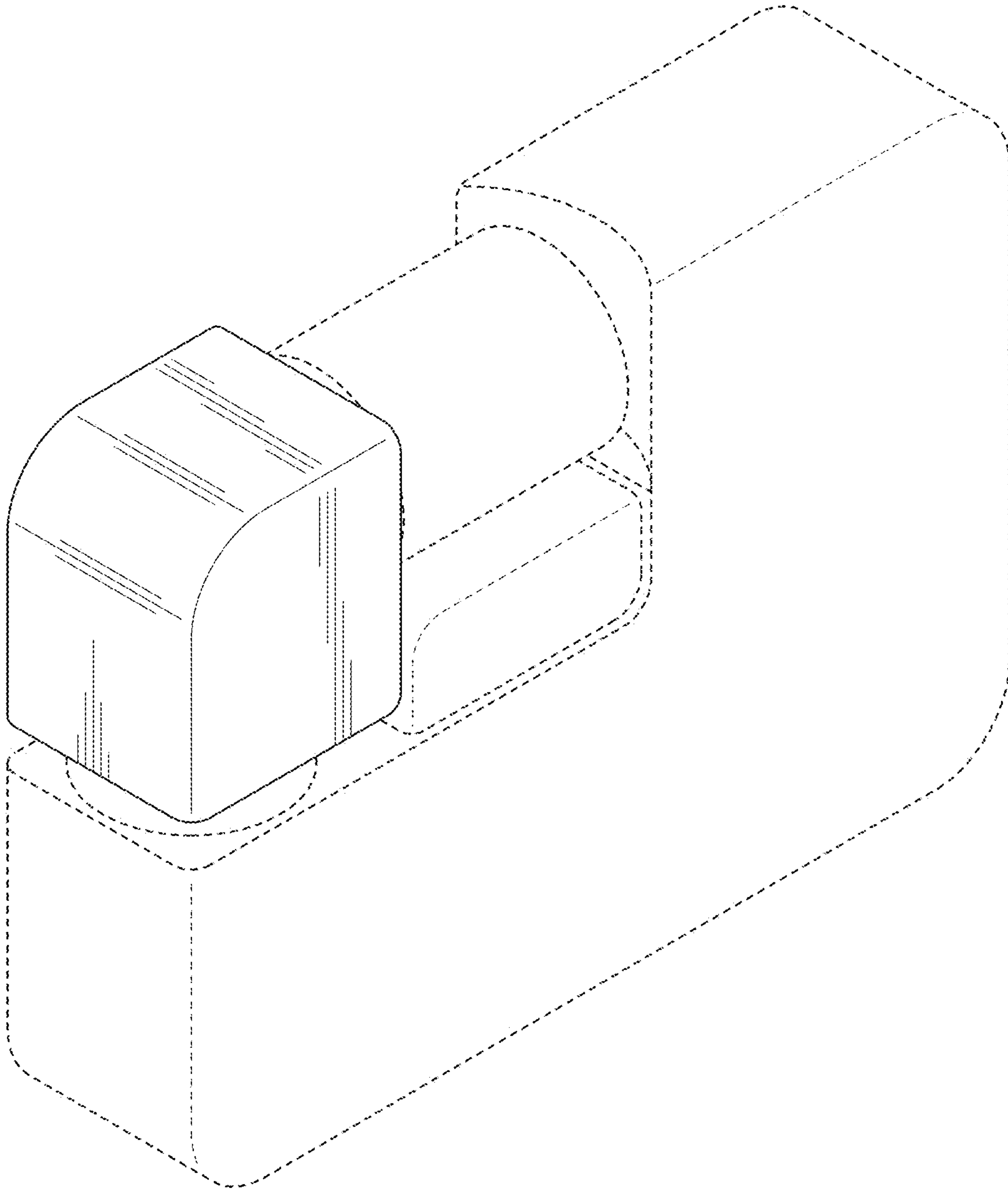


FIG. 2

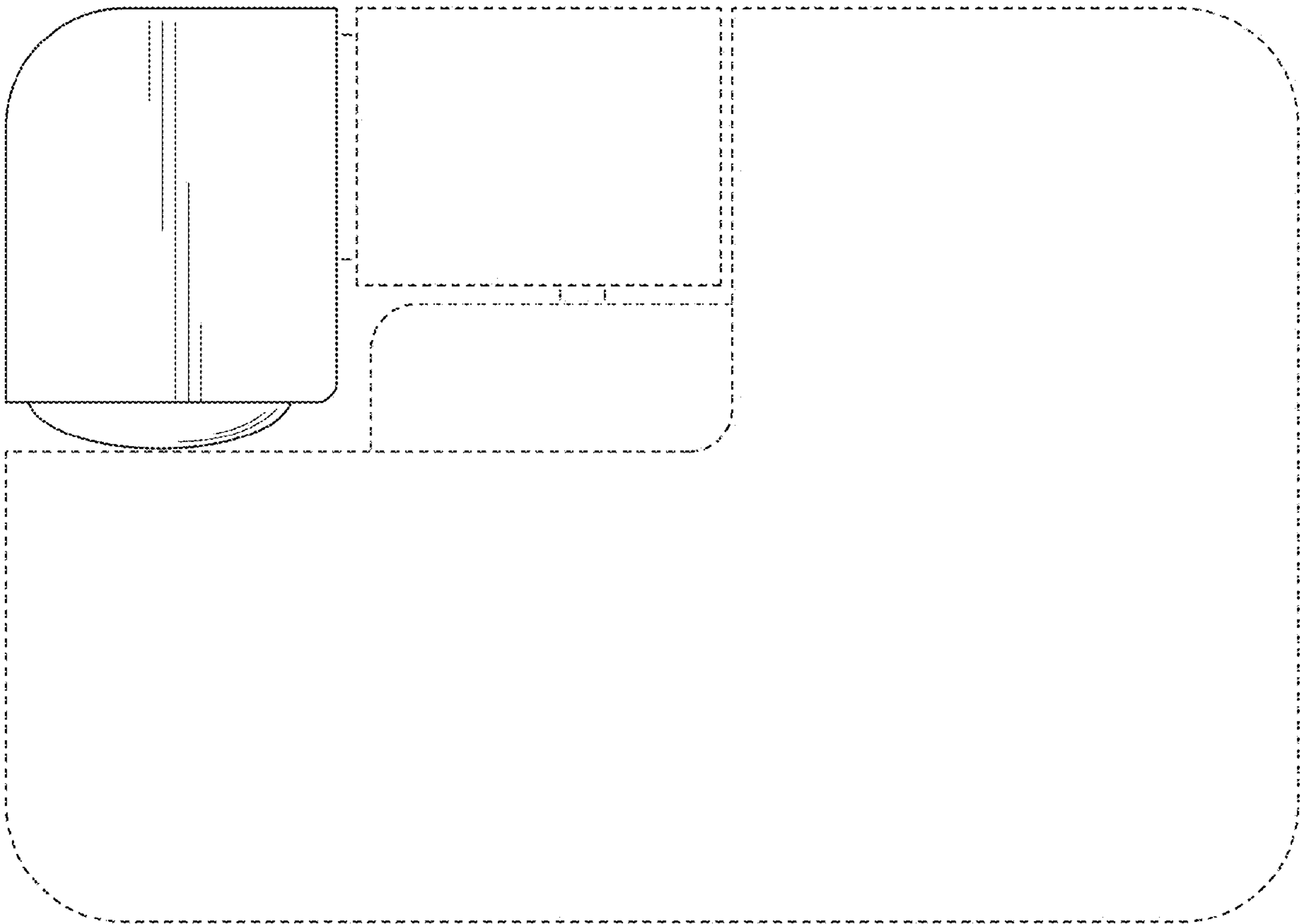


FIG. 3

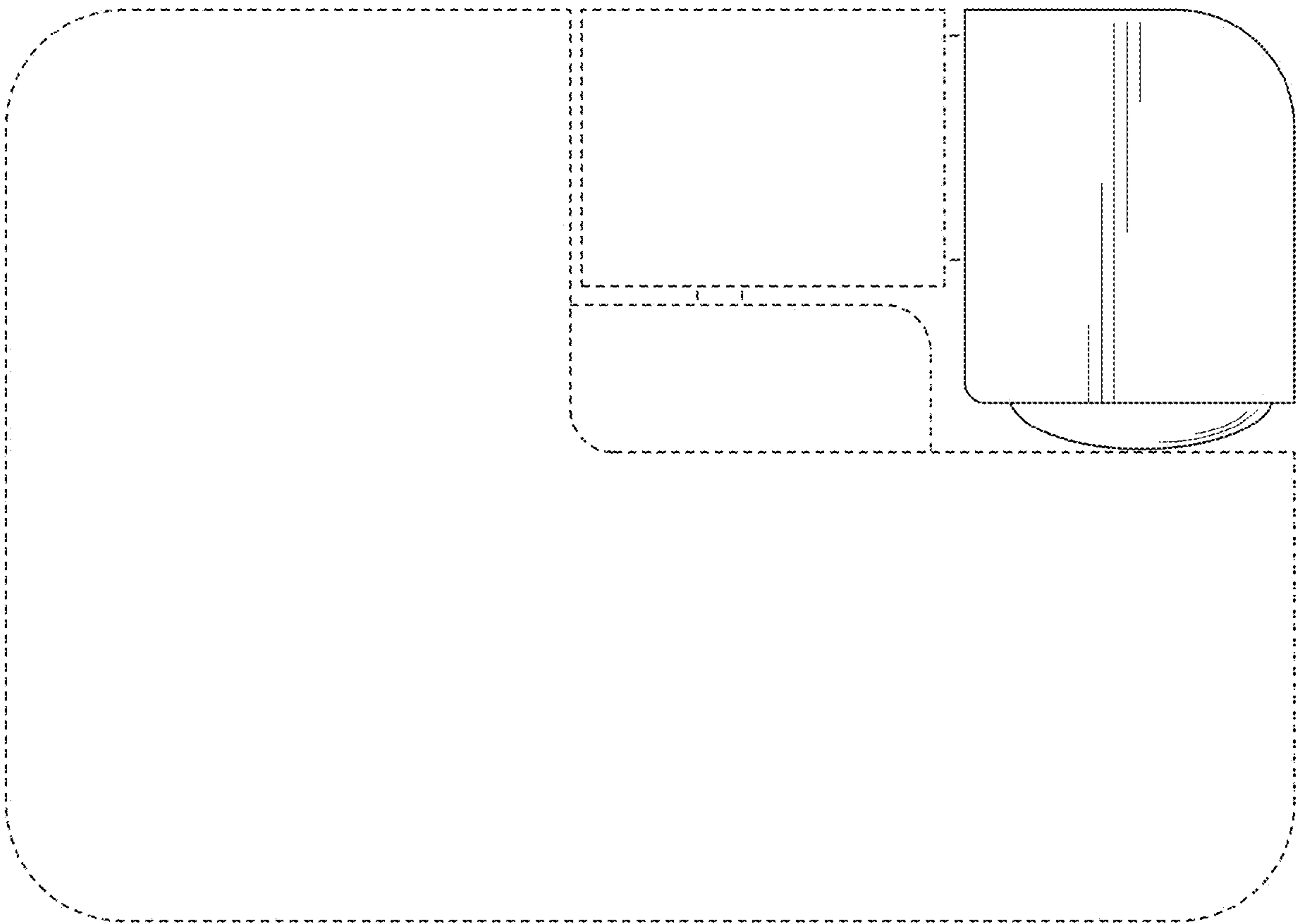


FIG. 4

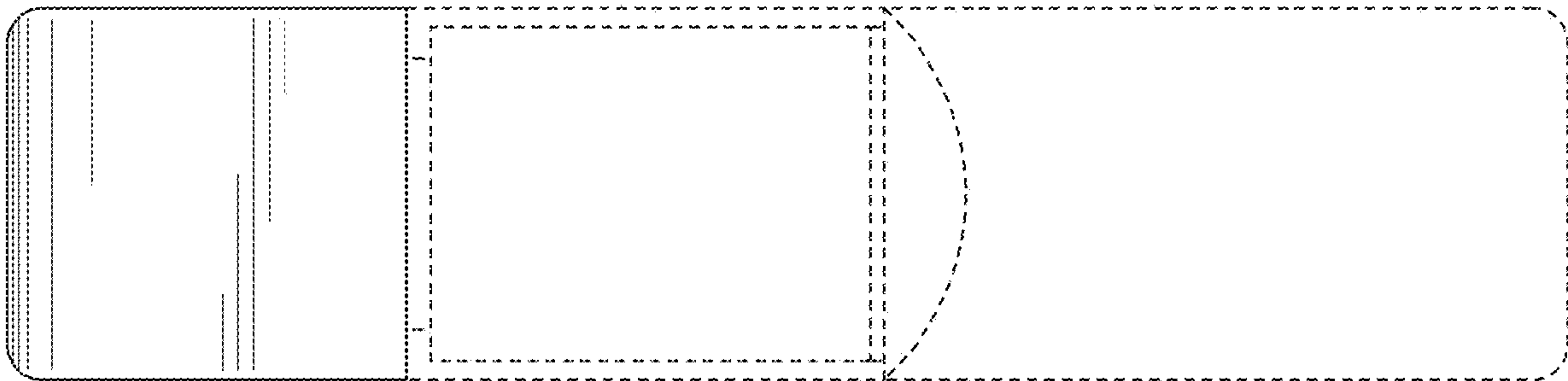


FIG. 5



FIG. 6

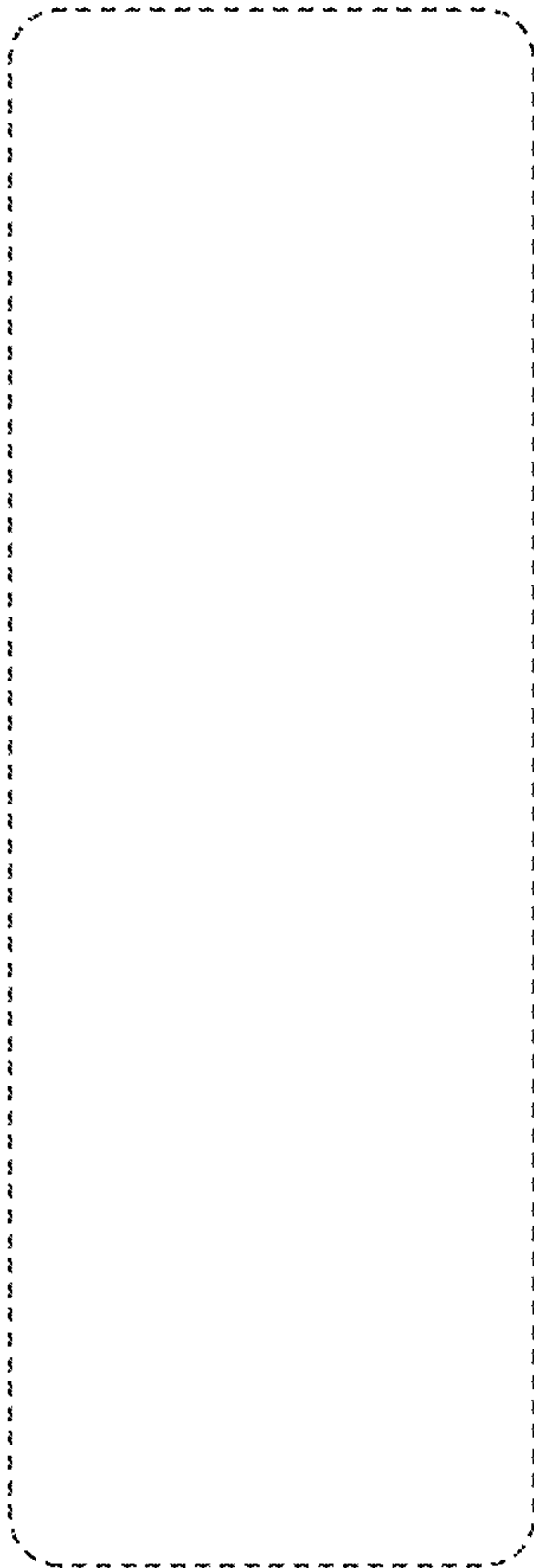


FIG. 7

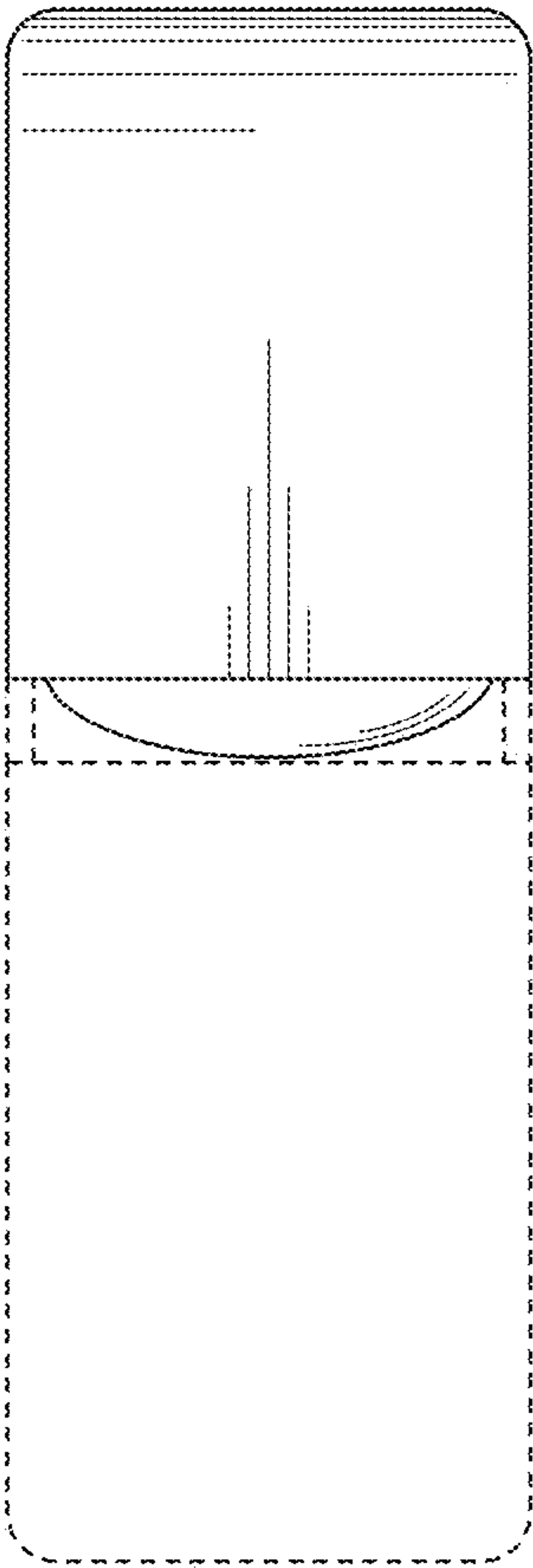


FIG. 8

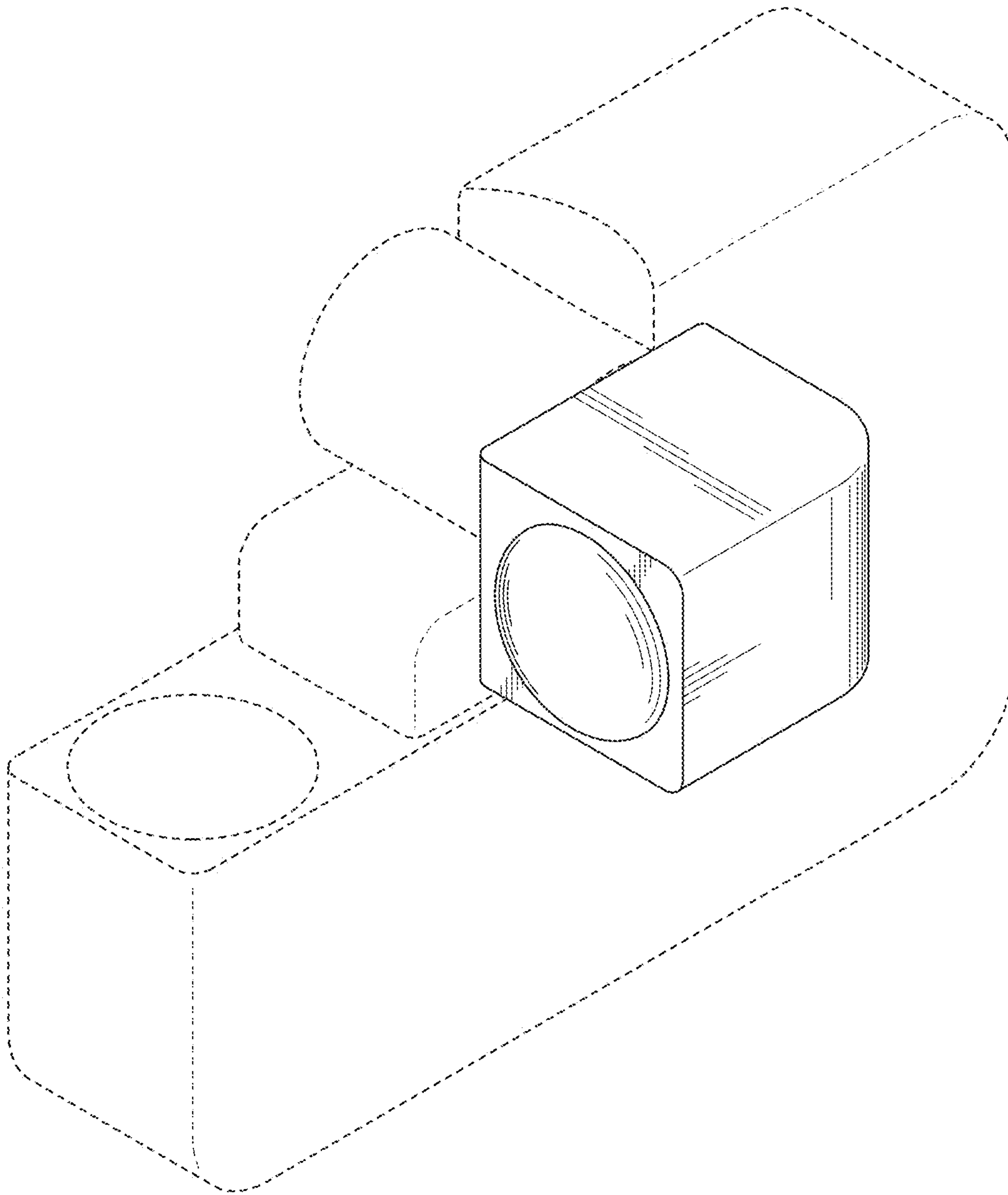


FIG. 9

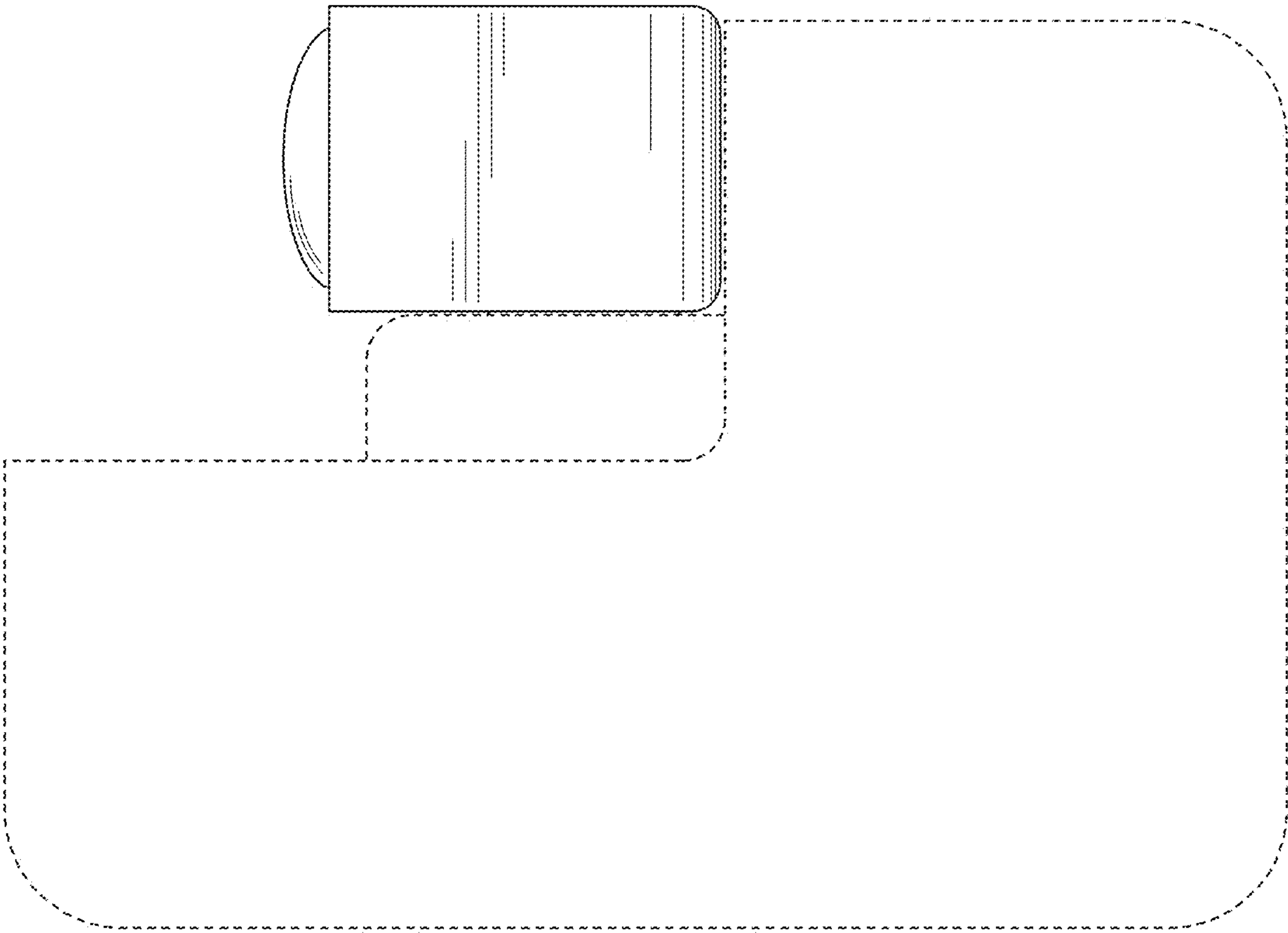


FIG. 10

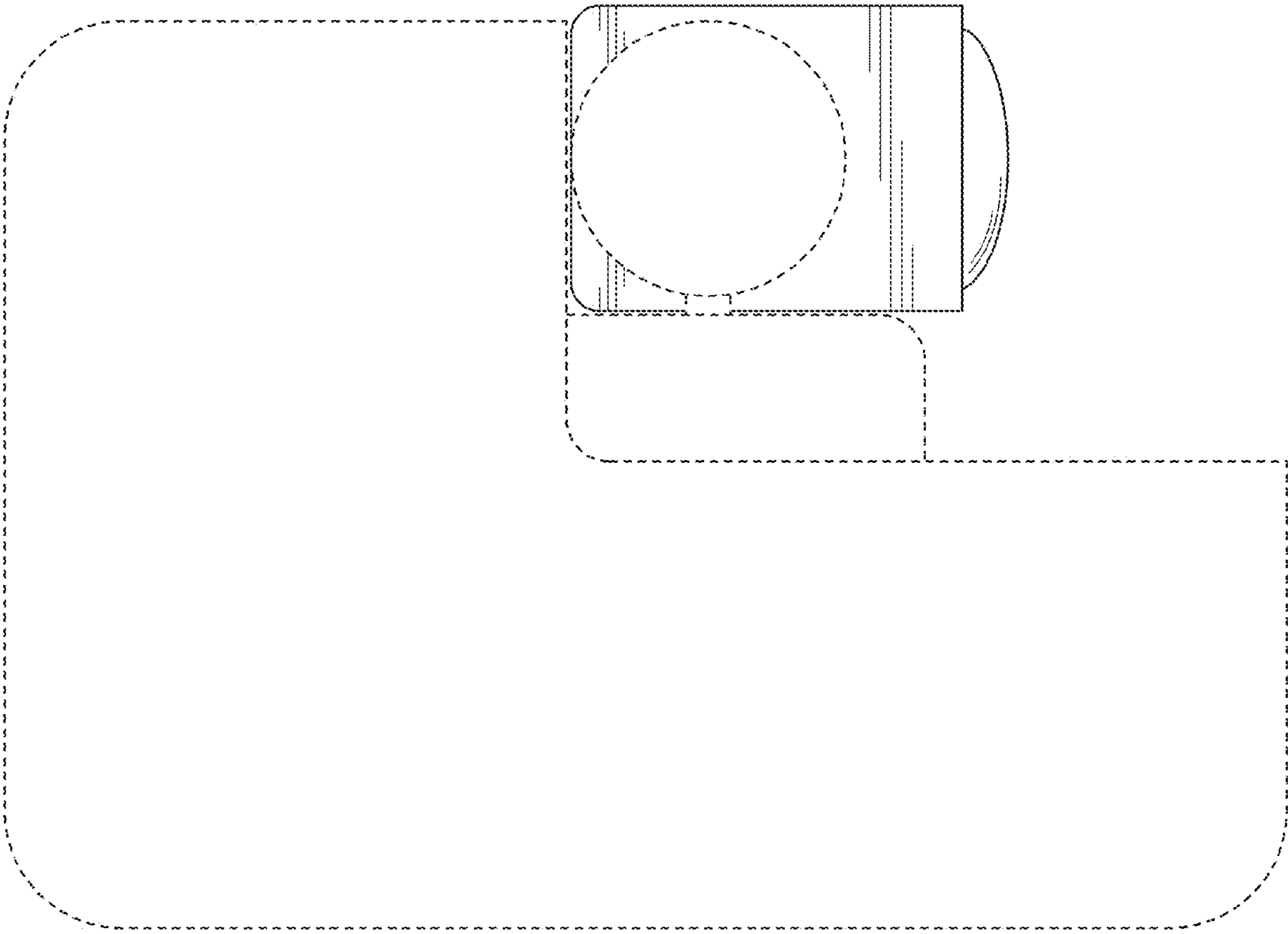


FIG. 11

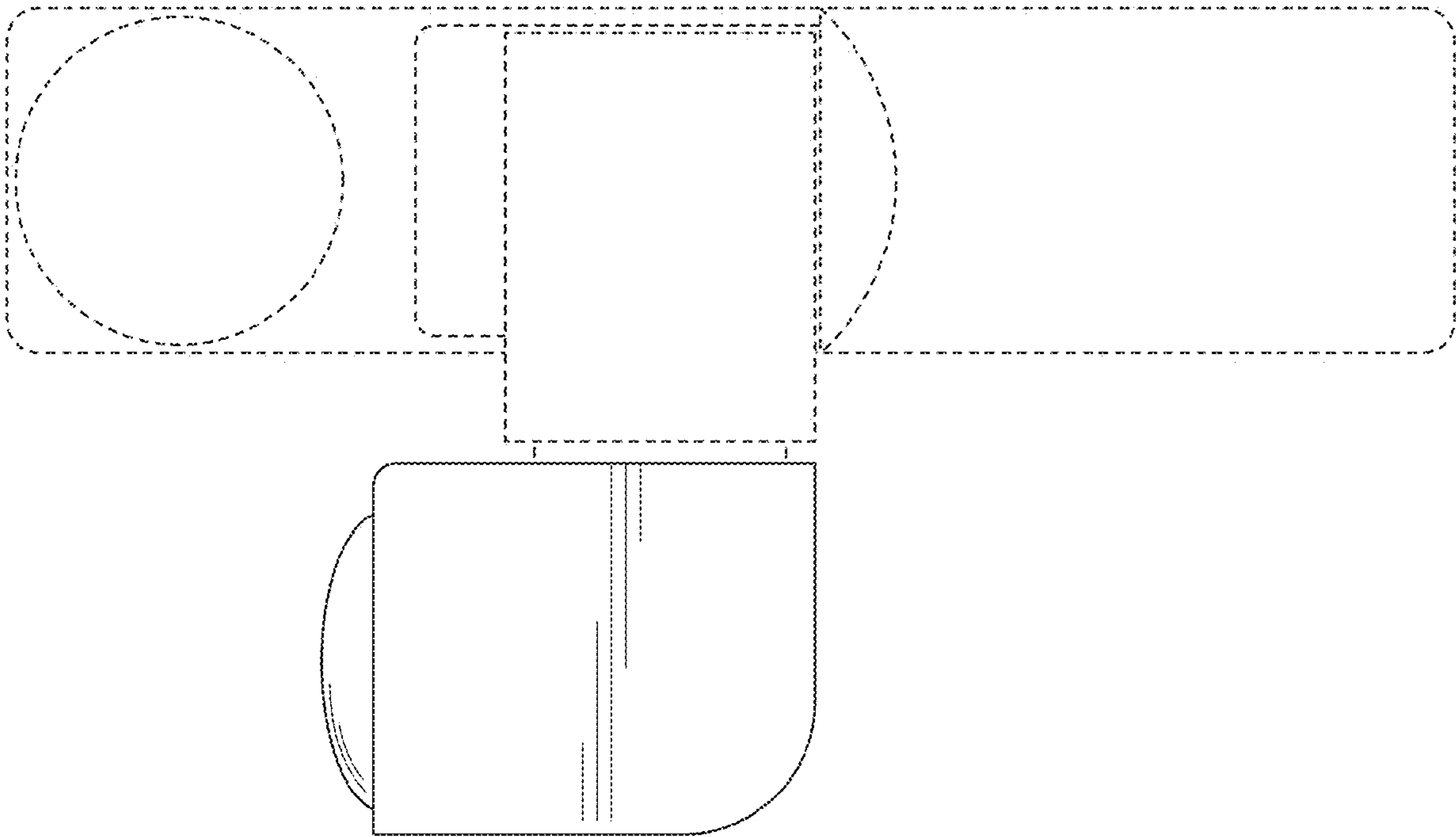


FIG. 12

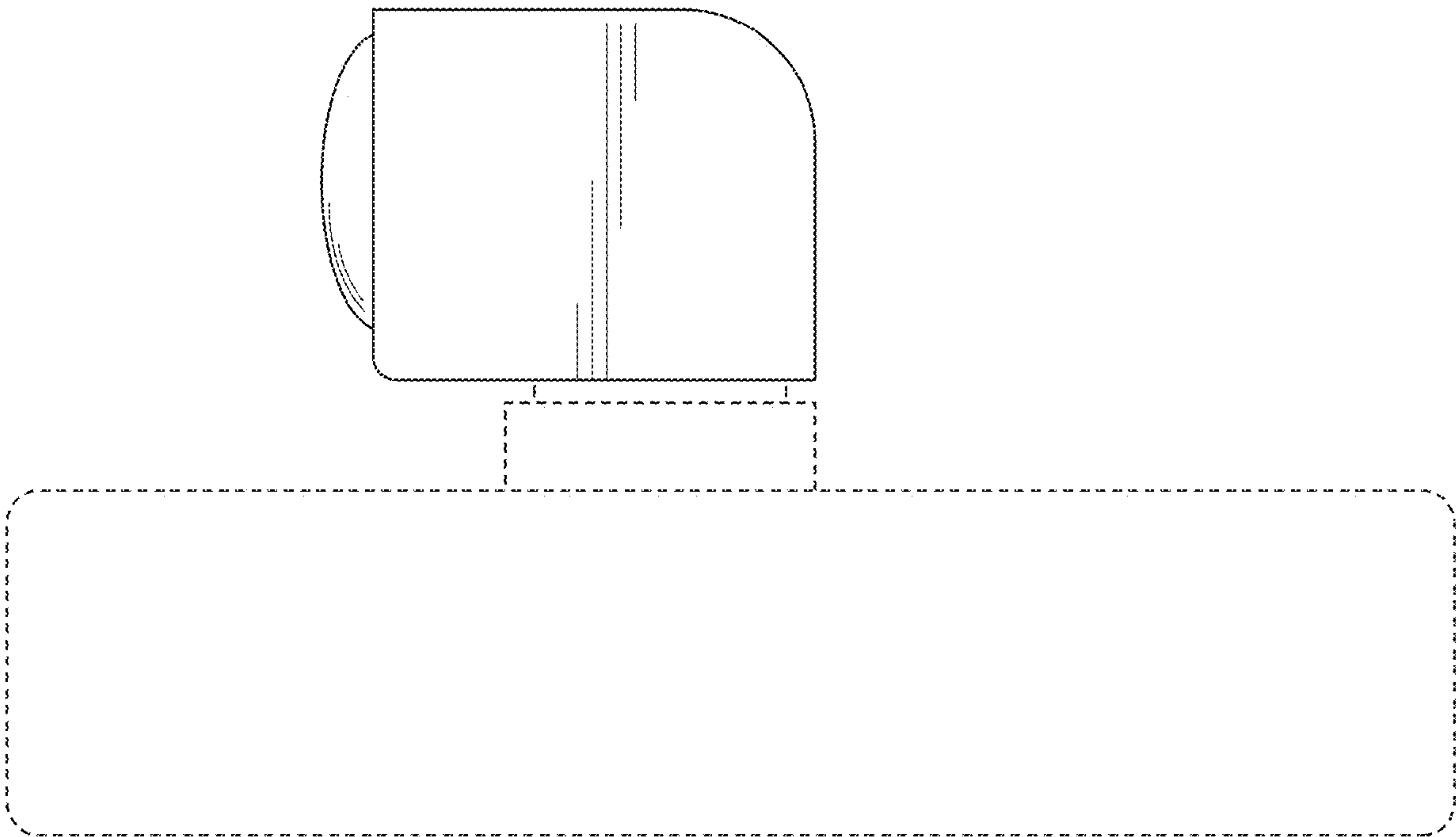


FIG. 13

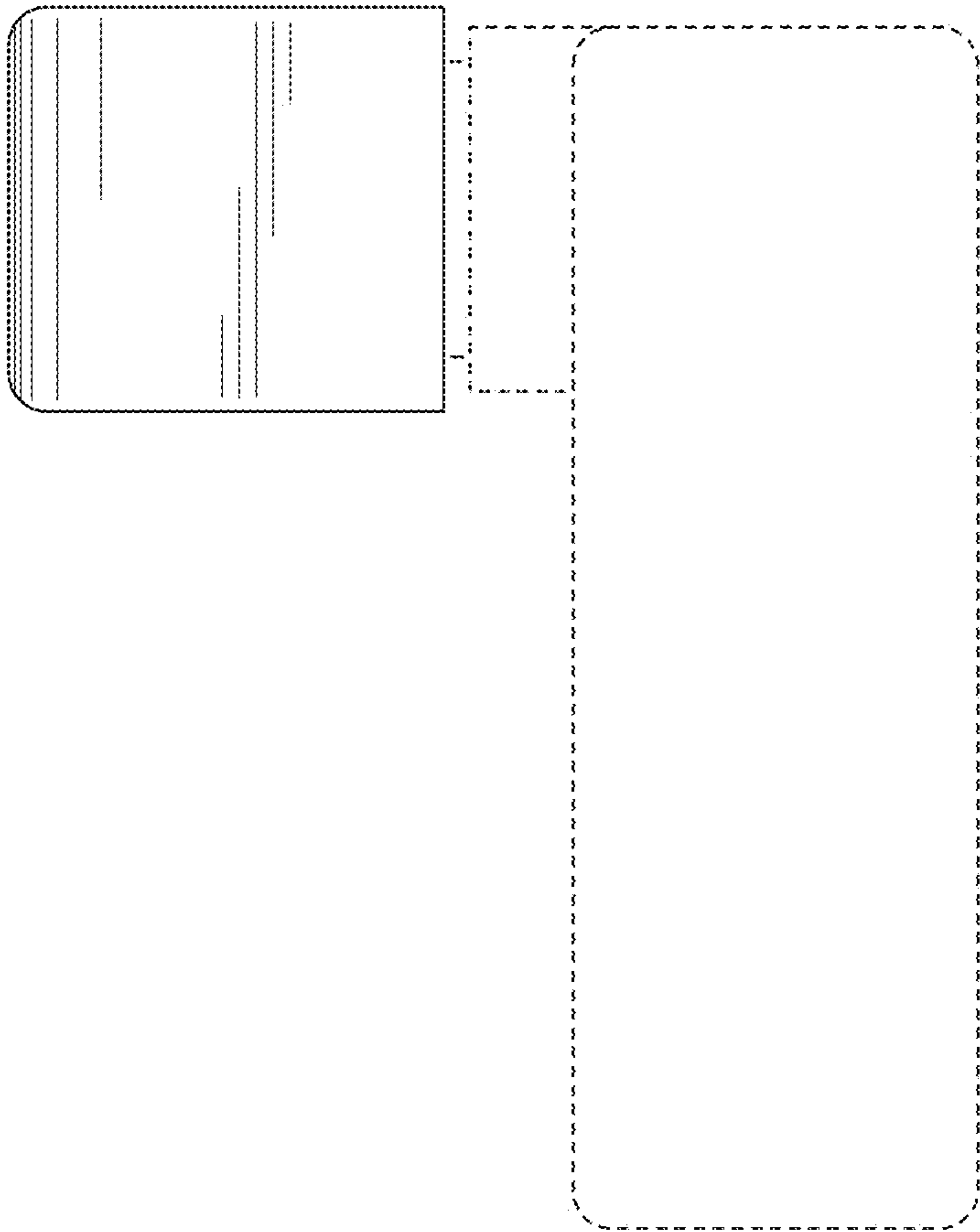


FIG. 14

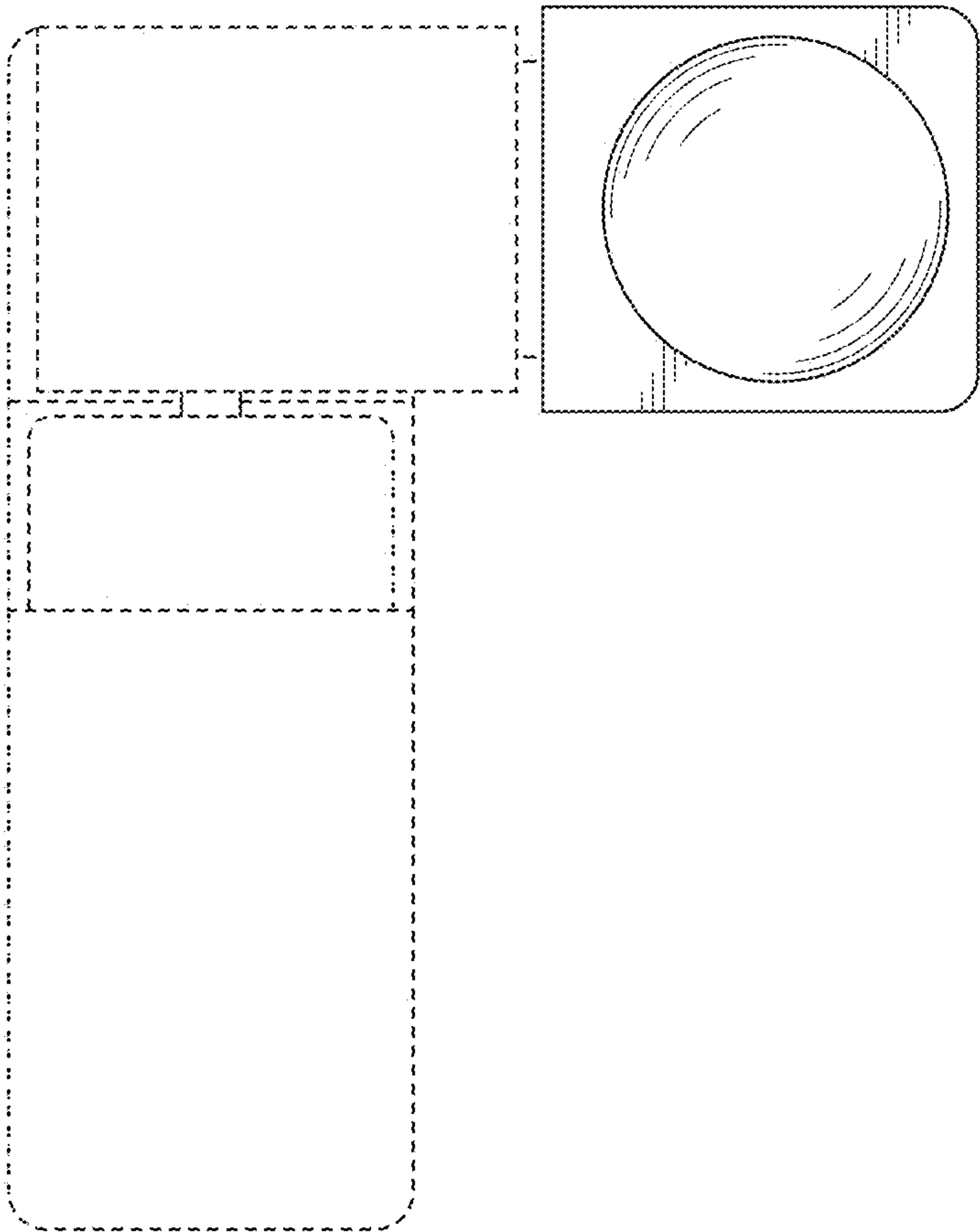


FIG. 15

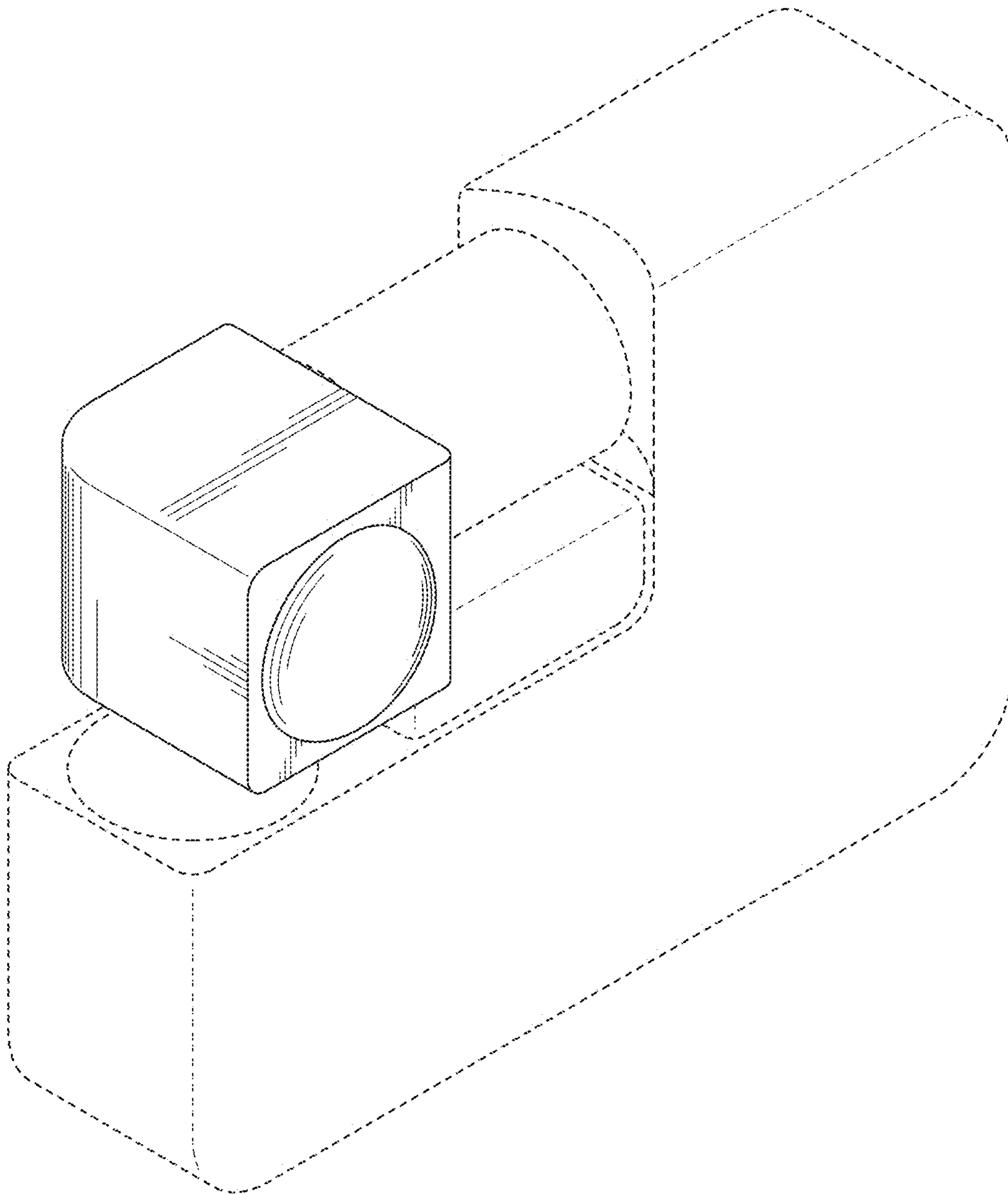


FIG. 16

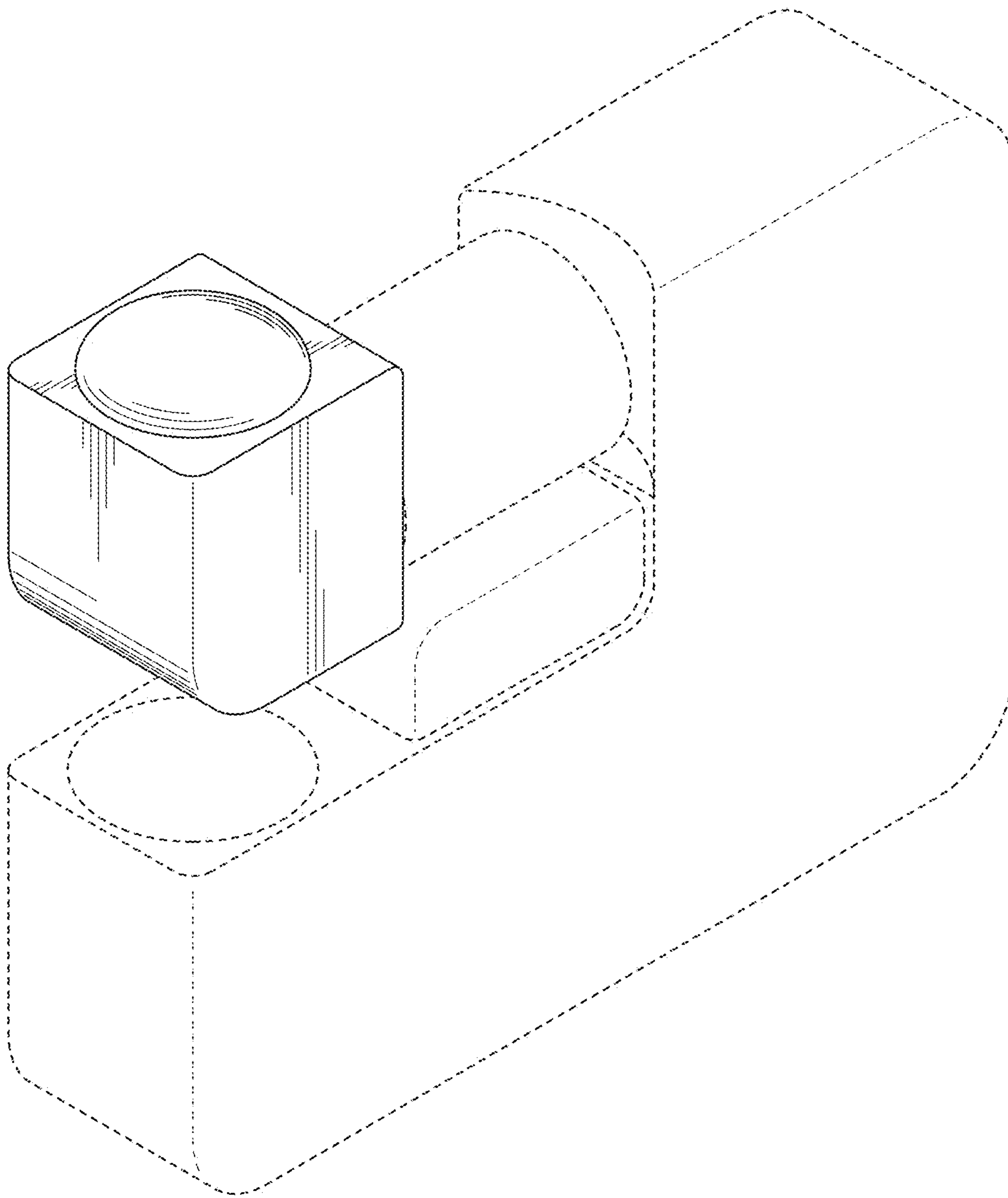


FIG. 17

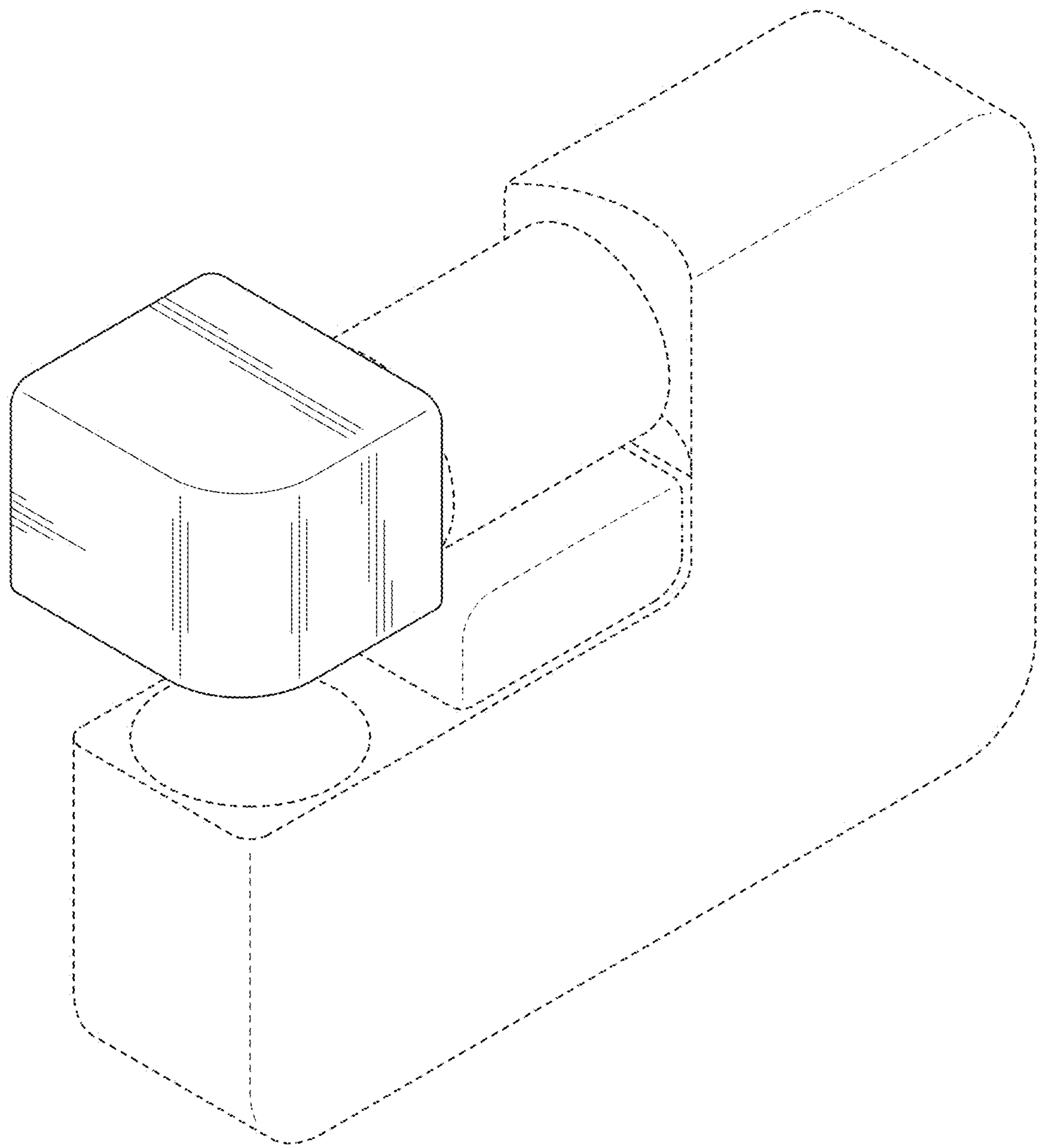


FIG. 18

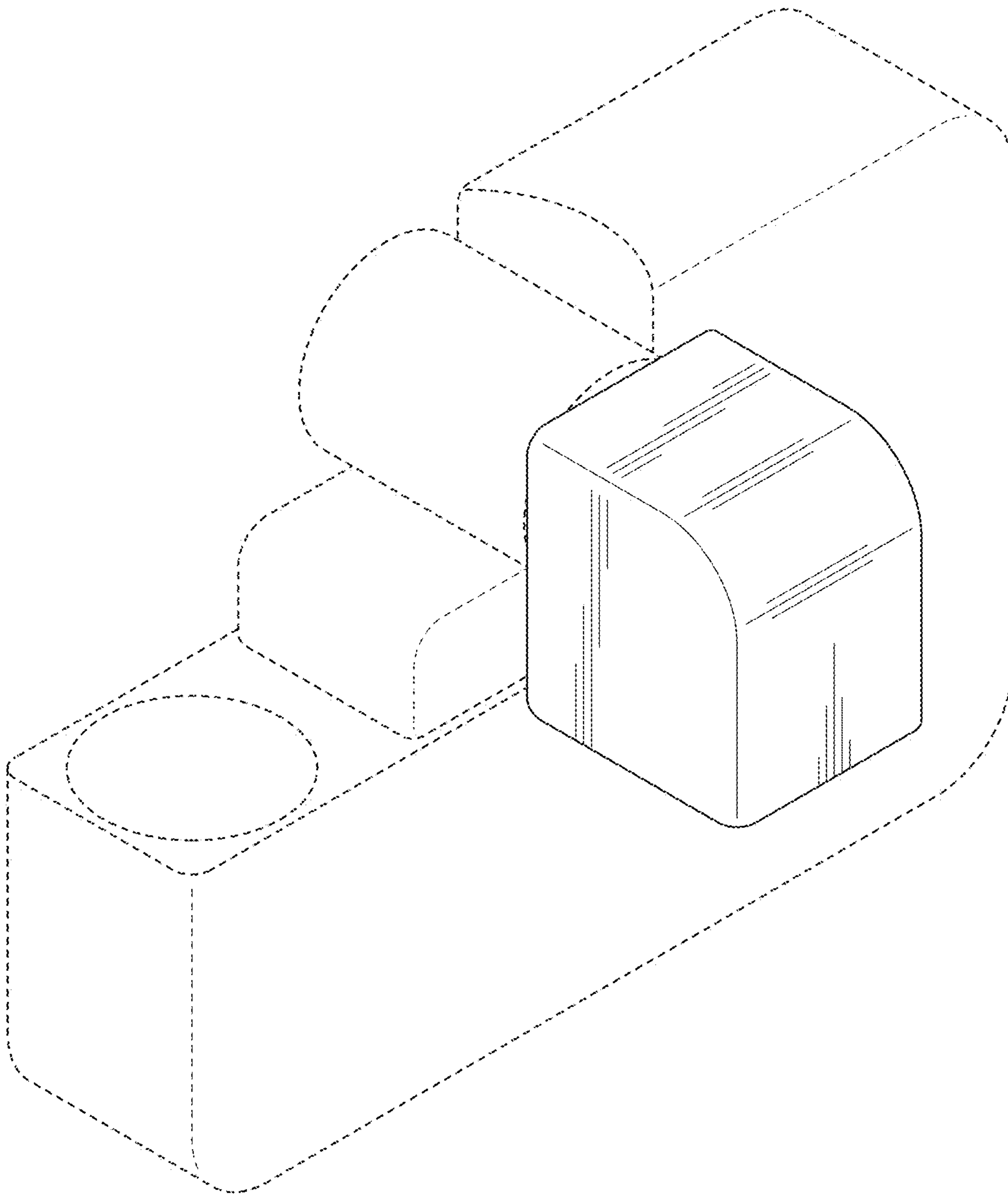


FIG. 19

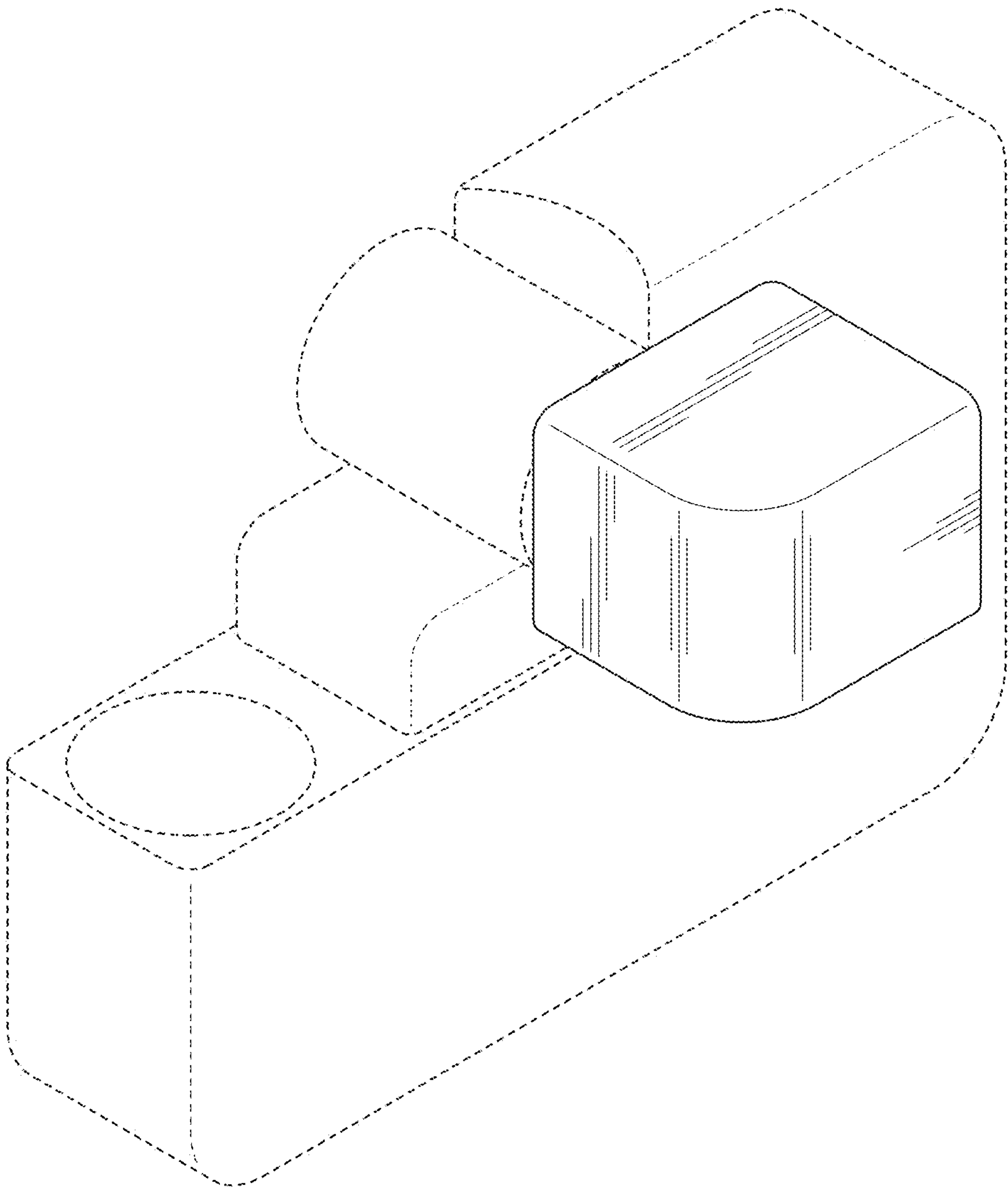


FIG. 20

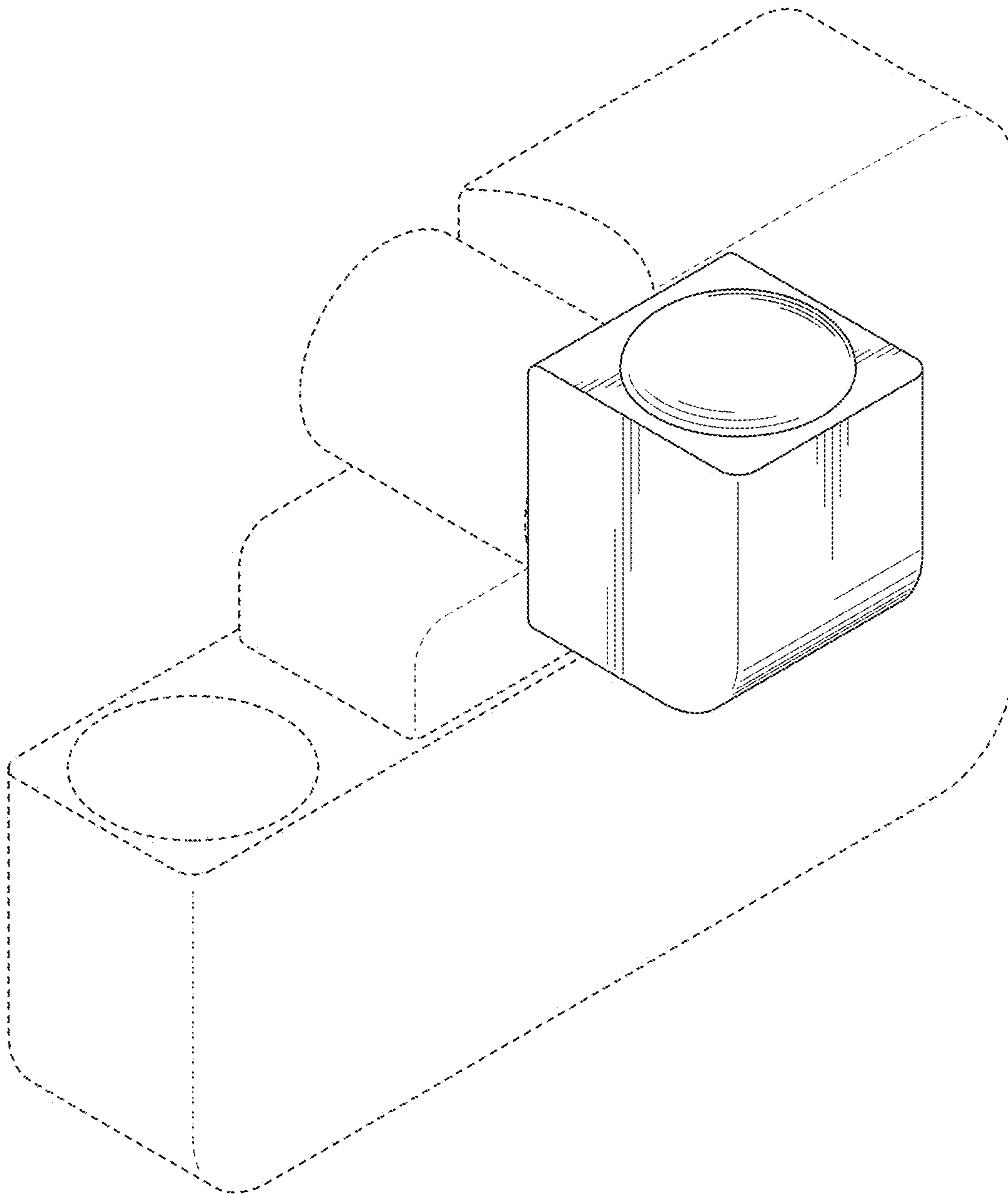


FIG. 21

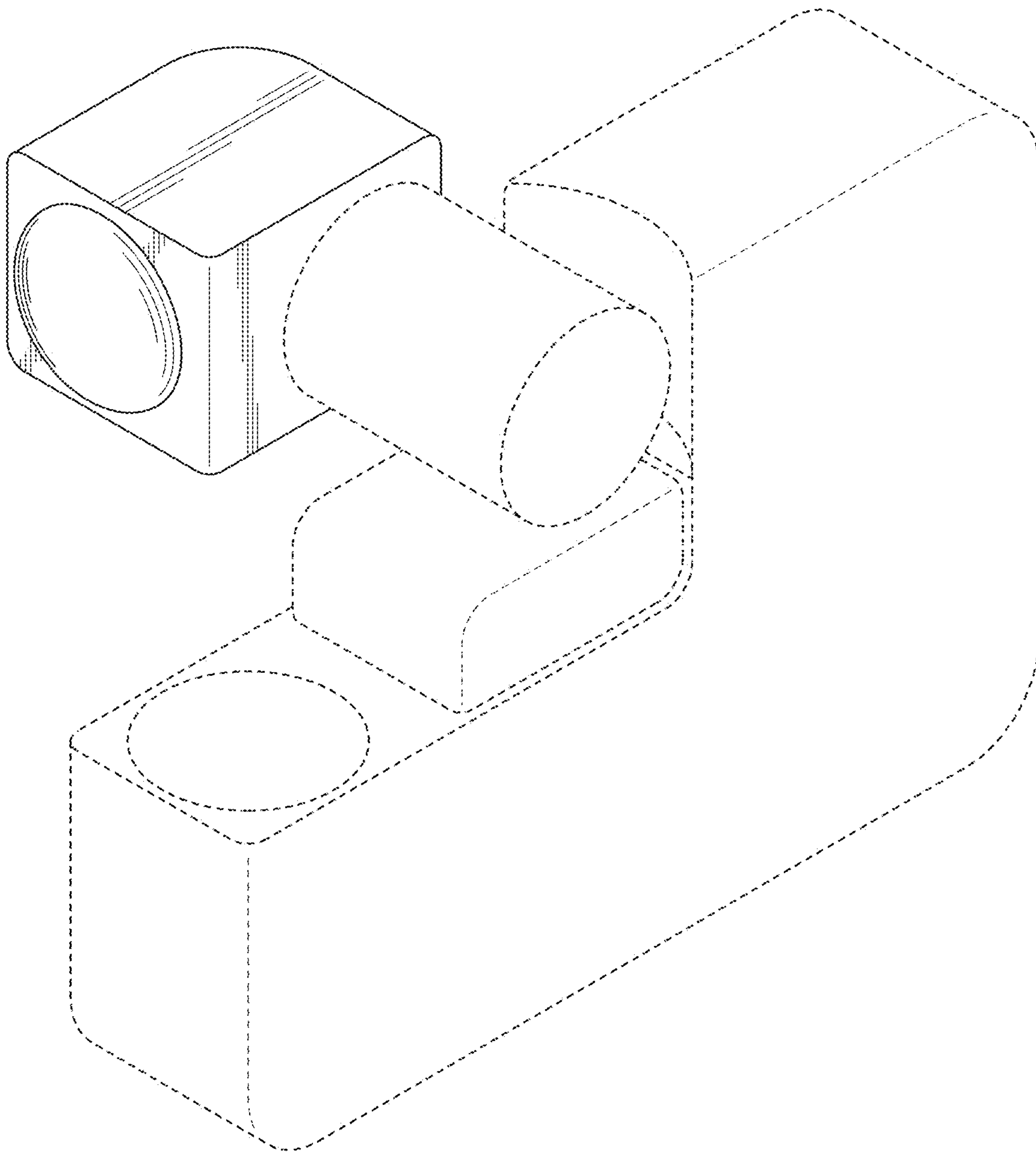


FIG. 22

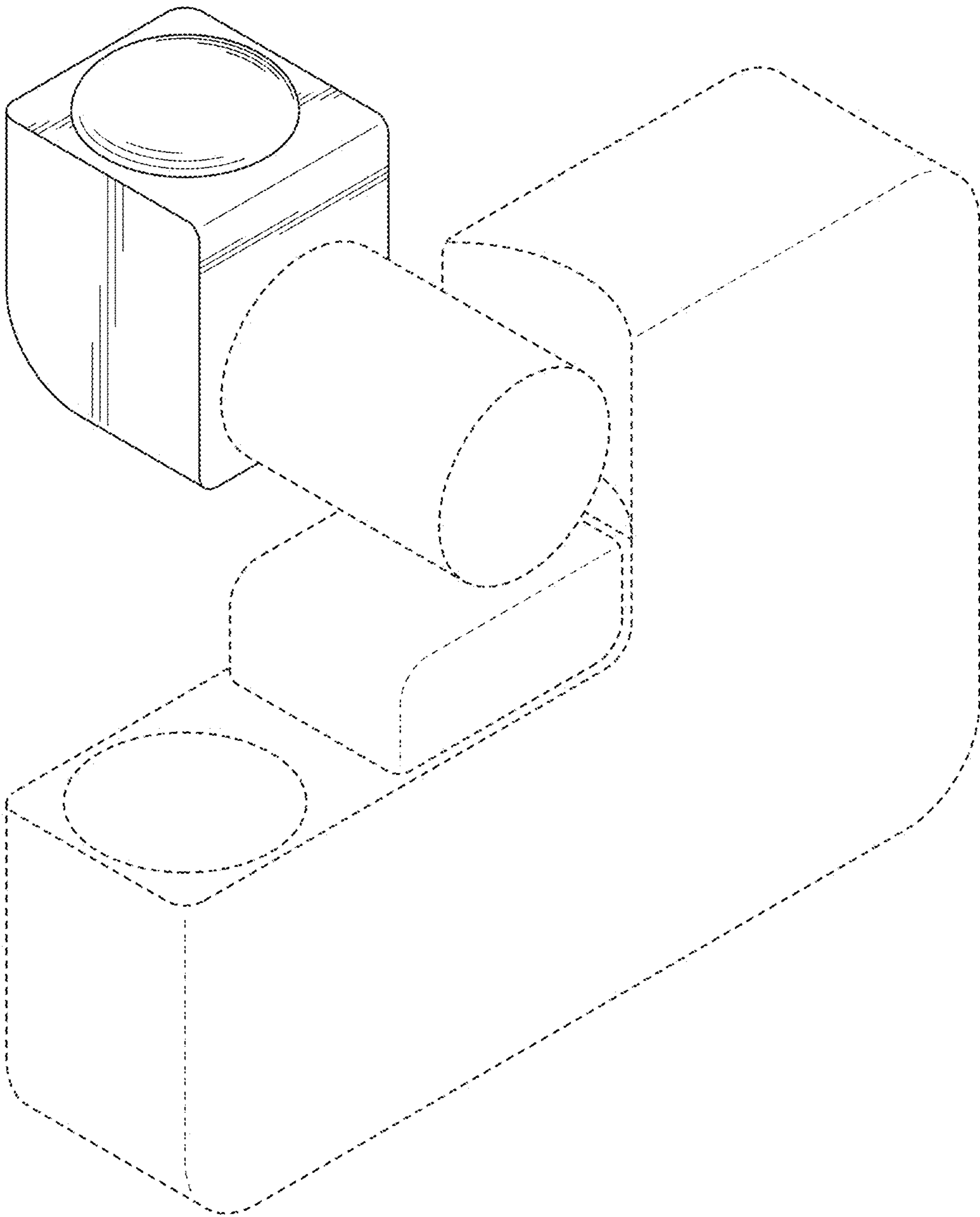


FIG. 23

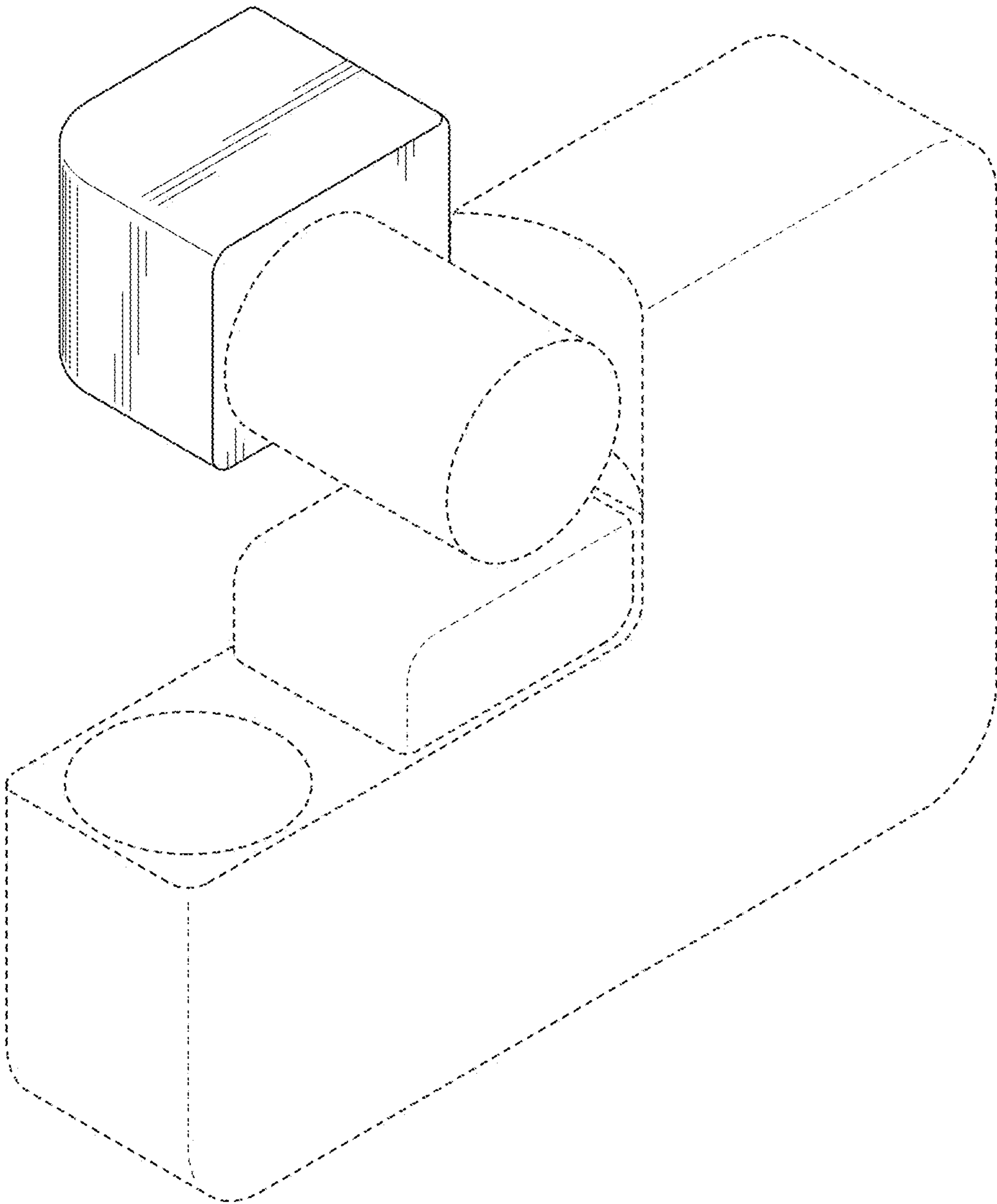


FIG. 24

