



US00D800195S

(12) **United States Design Patent** (10) **Patent No.:** **US D800,195 S**
Lin (45) **Date of Patent:** **** Oct. 17, 2017**

(54) **LINEAR ACTUATOR**

(71) Applicant: **TIMOTION TECHNOLOGY CO., LTD.**, New Taipei (TW)

(72) Inventor: **Yu-Chang Lin**, New Taipei (TW)

(73) Assignee: **TIMOTION TECHNOLOGY CO., LTD.**, New Taipei (TW)

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

(21) Appl. No.: **29/577,367**

(22) Filed: **Sep. 12, 2016**

(51) **LOC (10) Cl.** **15-99**

(52) **U.S. Cl.**
USPC **D15/148**; D15/143

(58) **Field of Classification Search**
USPC D12/345; D13/118, 158, 162, 184;
D15/1-5, 7, 9, 143, 148, 149, 199
CPC B66F 3/18; F16H 19/04; F16H 57/039;
H01F 7/066
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D596,652 S	*	7/2009	Roither	.....	D15/143
D632,321 S	*	2/2011	Wu	.....	D15/143
D696,704 S	*	12/2013	Battistella	.....	D15/143
D765,748 S	*	9/2016	Bogelund	.....	D15/143
D776,728 S	*	1/2017	Wu	.....	D15/143

OTHER PUBLICATIONS

GLA4000-S 12V DC Linear Actuator, posted on gimsonrobotics.co.uk, no posted date given, no production date given, [online], [site

visited May 16, 2017], Available from Internet, <URL: <https://gimsonrobotics.co.uk/categories/linear-actuators/products/gla4000-s-12v-dc-linear-actuator>>.*

Progressive Automations Linear Actuator Applications and Uses, posted on actuatorzone.com, no posted date given, no production date given, [online], [site visited May 16, 2017], Available from Internet, <URL: <https://www.actuatorzone.com/blog/about-actuators/introduction-actuators/>>.*

Max Jack Heavy Duty Electric Linear Actuators, posted on thomsonlinear.com, no posted date given, no production date given, [online], [site visited May 16, 2017], Available from Internet, <URL: <http://www.thomsonlinear.com/website/com/eng/products/actuators/maxjac.php>>.*

* cited by examiner

Primary Examiner — Melanie H Tung

Assistant Examiner — Fitzgerald Butac

(74) *Attorney, Agent, or Firm* — Chun-Ming Shih; HDLS IPR Services

(57) **CLAIM**

The ornamental design for a linear actuator, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a linear actuator showing my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left side view thereof;

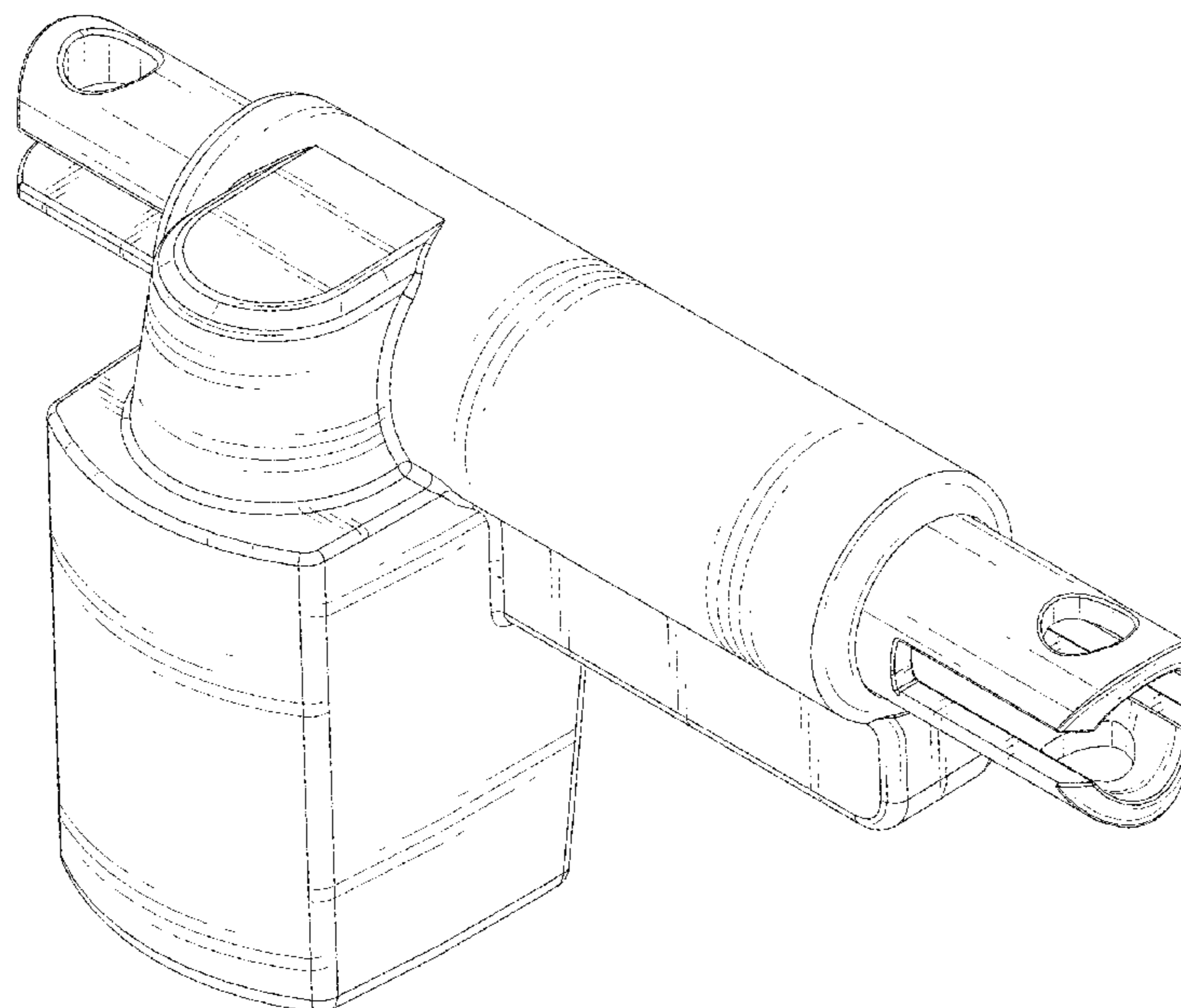
FIG. 5 is a right side view thereof;

FIG. 6 is a top view thereof; and,

FIG. 7 is a bottom view thereof.

The broken lines show portions of a linear actuator that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



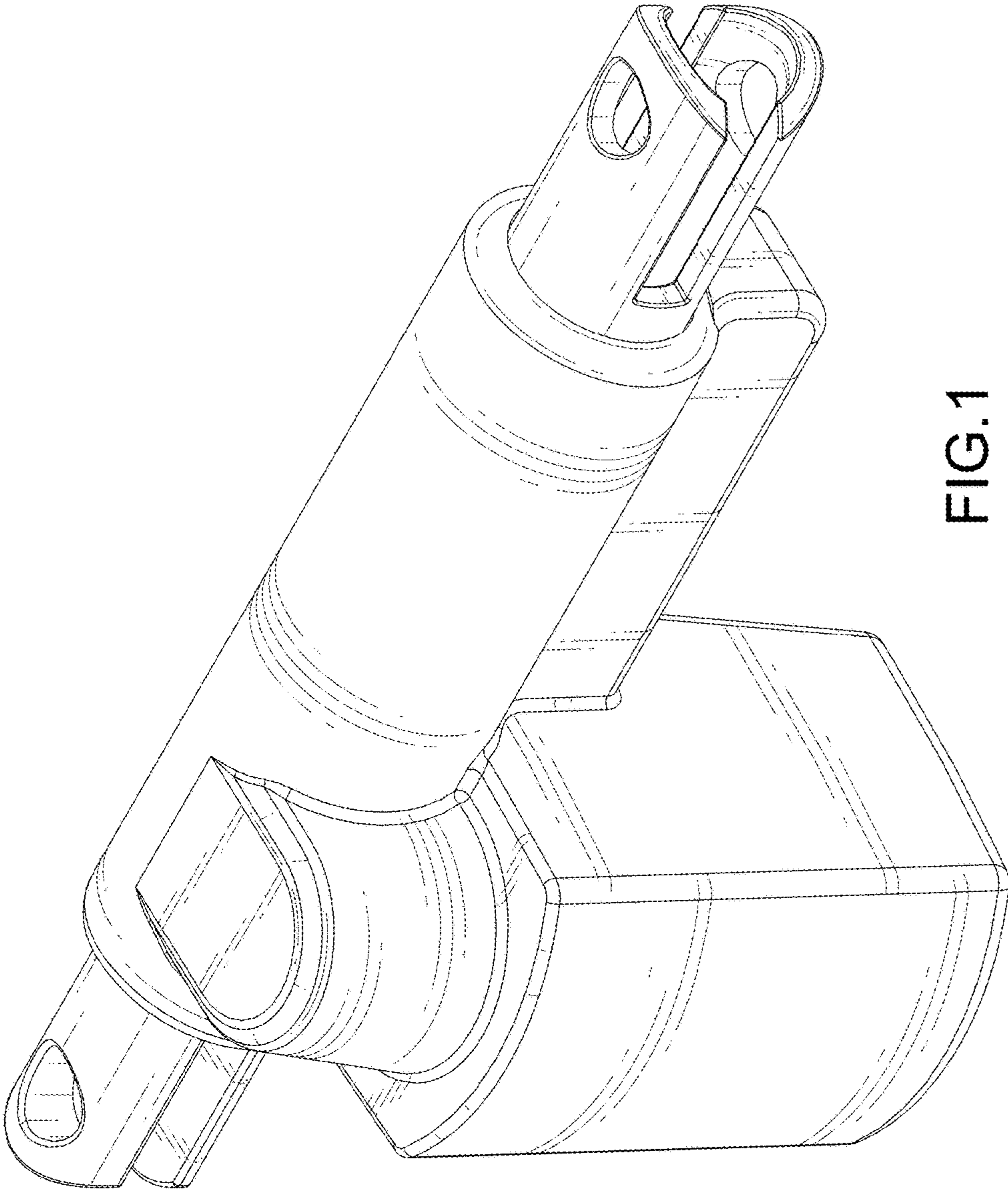


FIG. 1

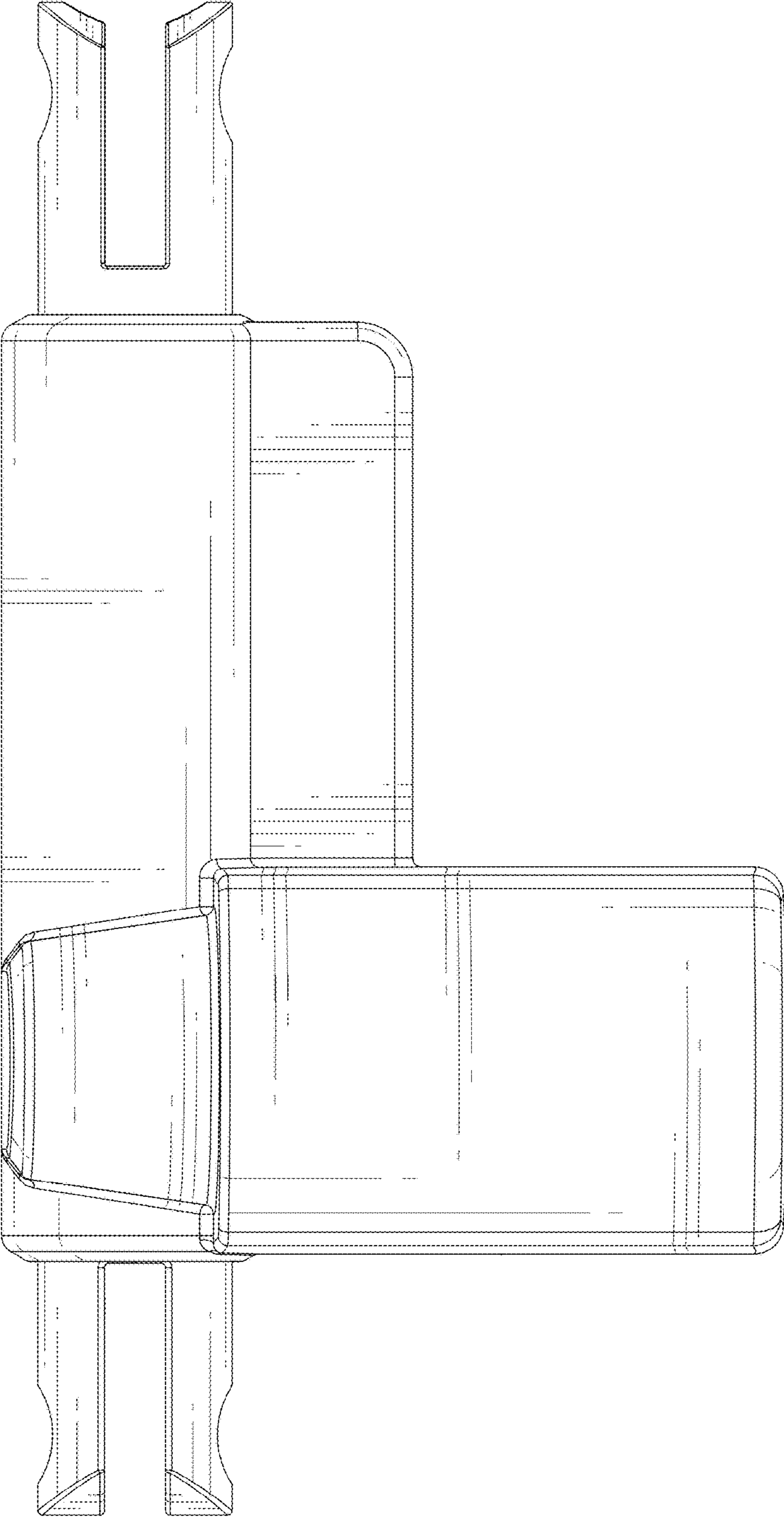


FIG.2

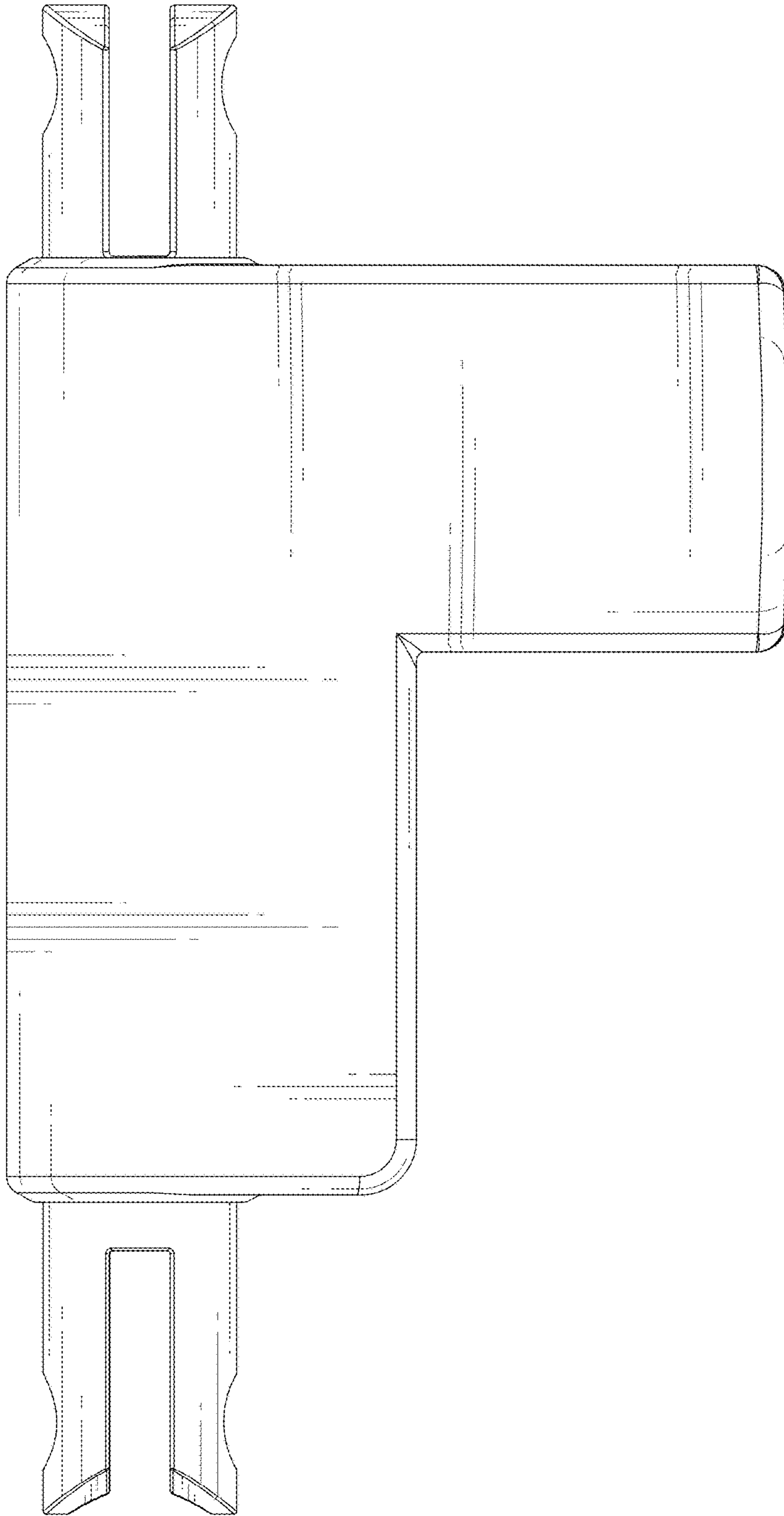


FIG.3

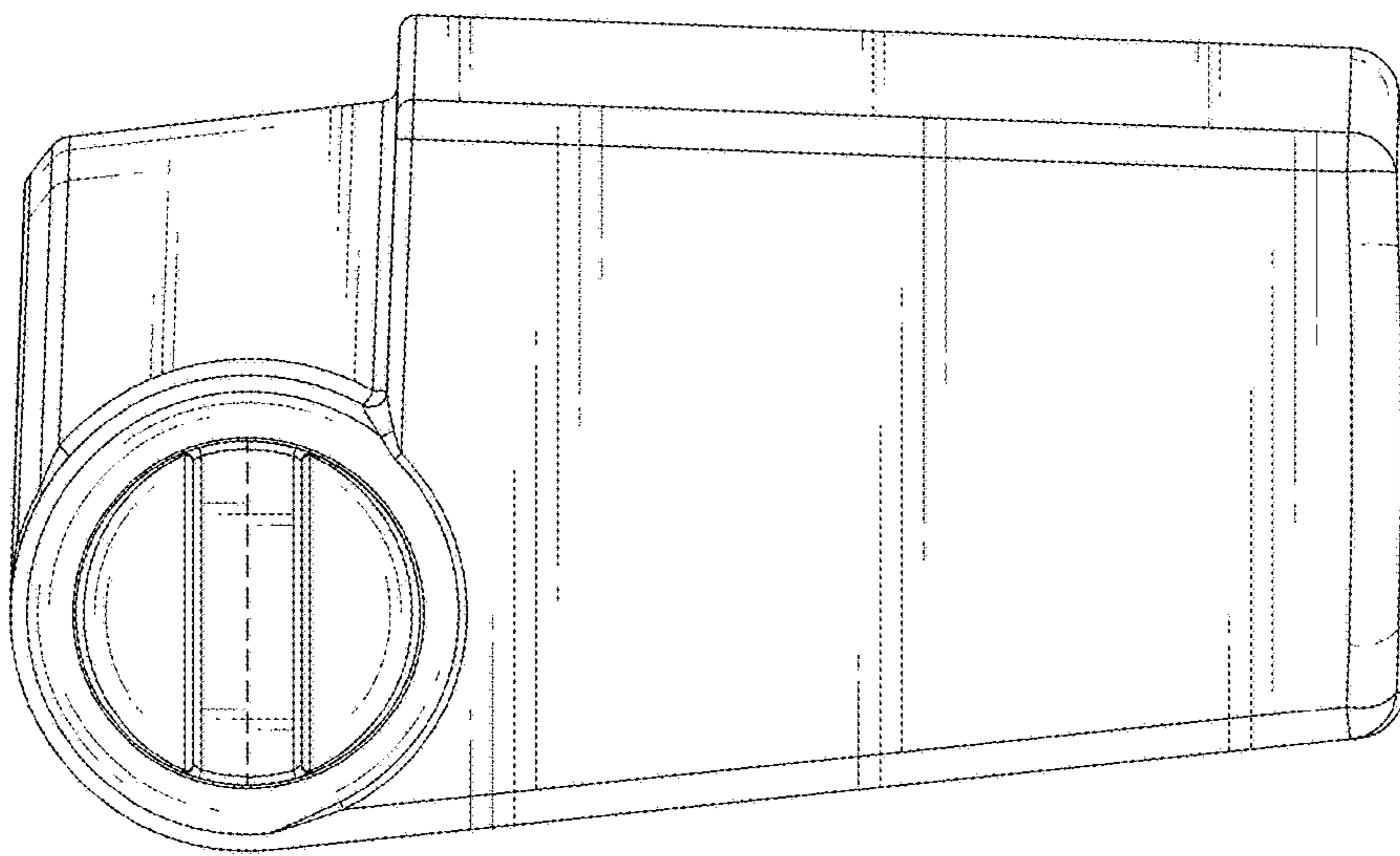


FIG.4

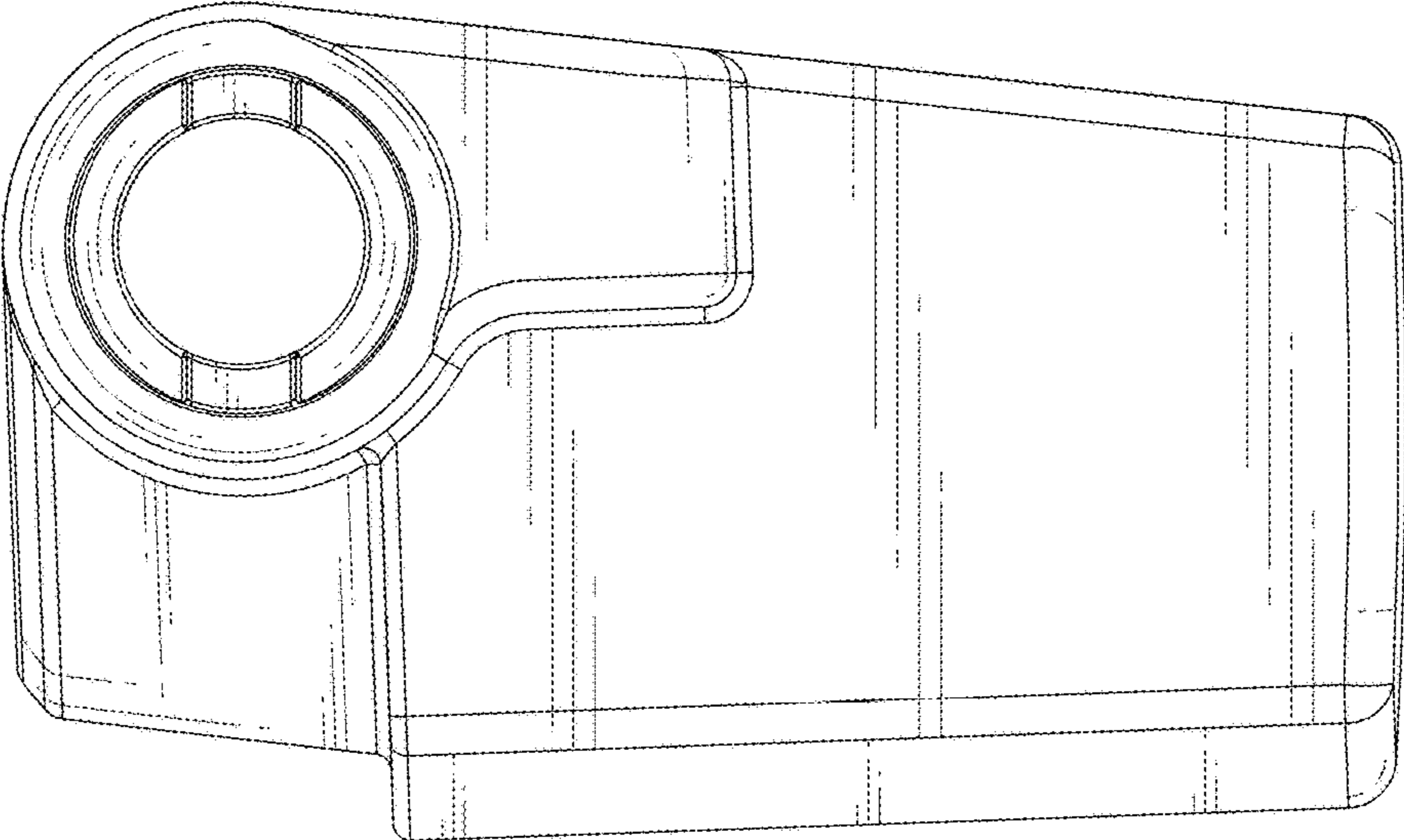


FIG.5

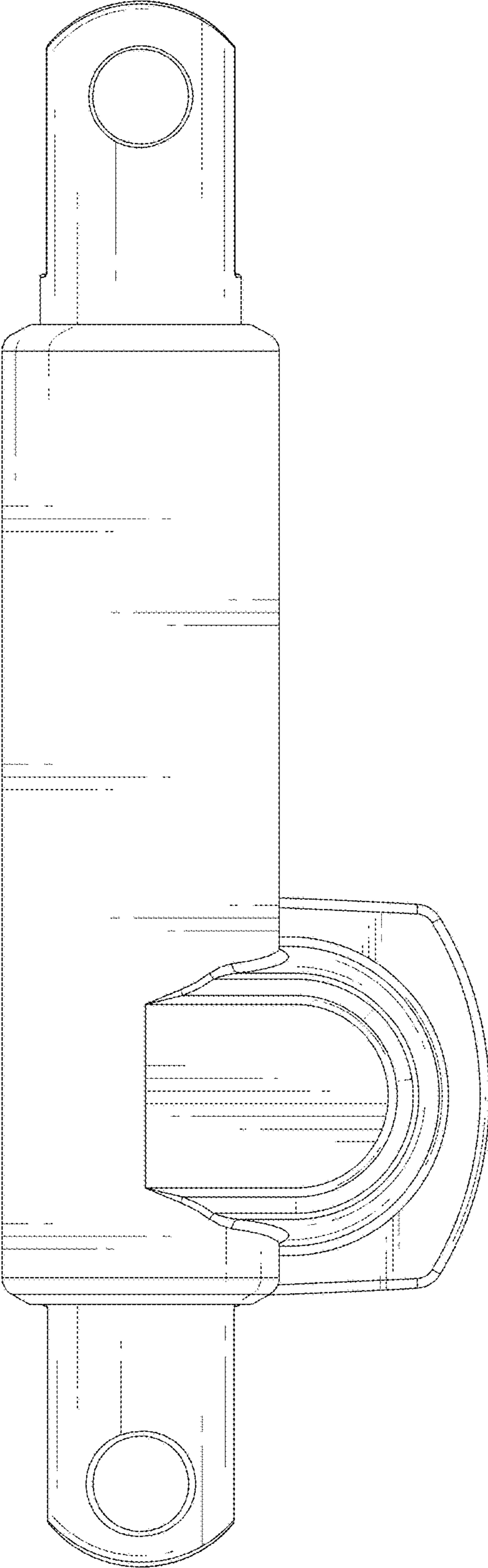


FIG.6

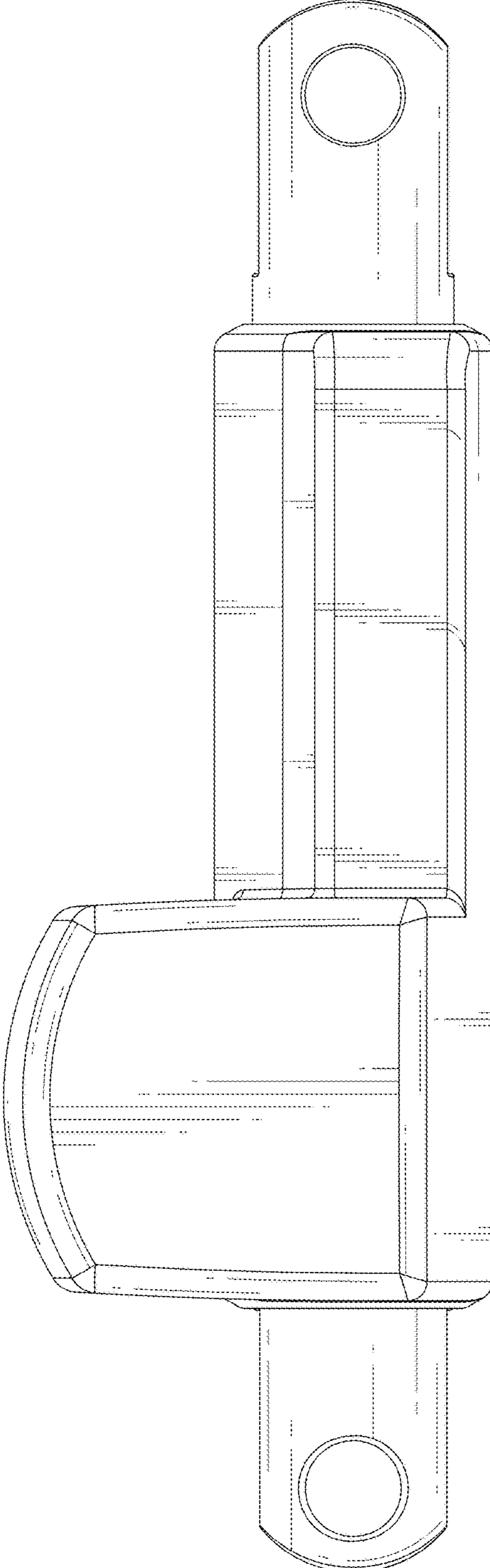


FIG. 7