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United States Design Patent

Tachibana et al.

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(54) MOTOR DRIVER FOR A CONVEYOR SYSTEM

(71) Applicant: MITSUBISHI ELECTRIC CORPORATION, Tokyo (JP)

(72) Inventors: Atsuki Tachibana, Tokyo (JP); Shinichi Kato, Tokyo (JP); Yasuhiro Suzuki, Tokyo (JP); Kenichi Oi, Tokyo (JP); Kentaro Tsukamoto, Tokyo (JP); Emiko Yamada, Tokyo (JP)

(73) Assignee: MITSUBISHI ELECTRIC CORPORATION, Tokyo (JP)

(**) Term: 15 Years

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USPC

(58) Field of Classification Search
USPC D34/28, 29, 35; D13/182, 178, 112, 110
CPC B65G 21/00; B65G 21/20; B65G 21/2045; B65G 23/00; B65G 23/02; B65G 23/22; B65G 23/23; B65G 23/24; B65G 17/16; B65G 17/20
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

3,243,746 A * 3/1966 Doggart H01F 5/02 336/59
D310,594 S * 9/1990 Johansson D34/28
D429,223 S * 8/2000 Douglass D13/160

D517,996 S * 3/2006 Lacy D13/161
D528,988 S * 9/2006 Lacy D13/160
D724,289 S * 3/2015 Phillips D34/29
D747,589 S * 1/2016 Cloutier D34/29
D799,777 S * 10/2017 Cloutier D34/29
D929,938 S * 9/2021 Zhang D13/110
D1,045,318 S * 10/2024 Yohe D34/29

* cited by examiner

Primary Examiner — Tamara L Hahn

(74) Attorney, Agent, or Firm — Studebaker Brackett PLLC

(57) CLAIM

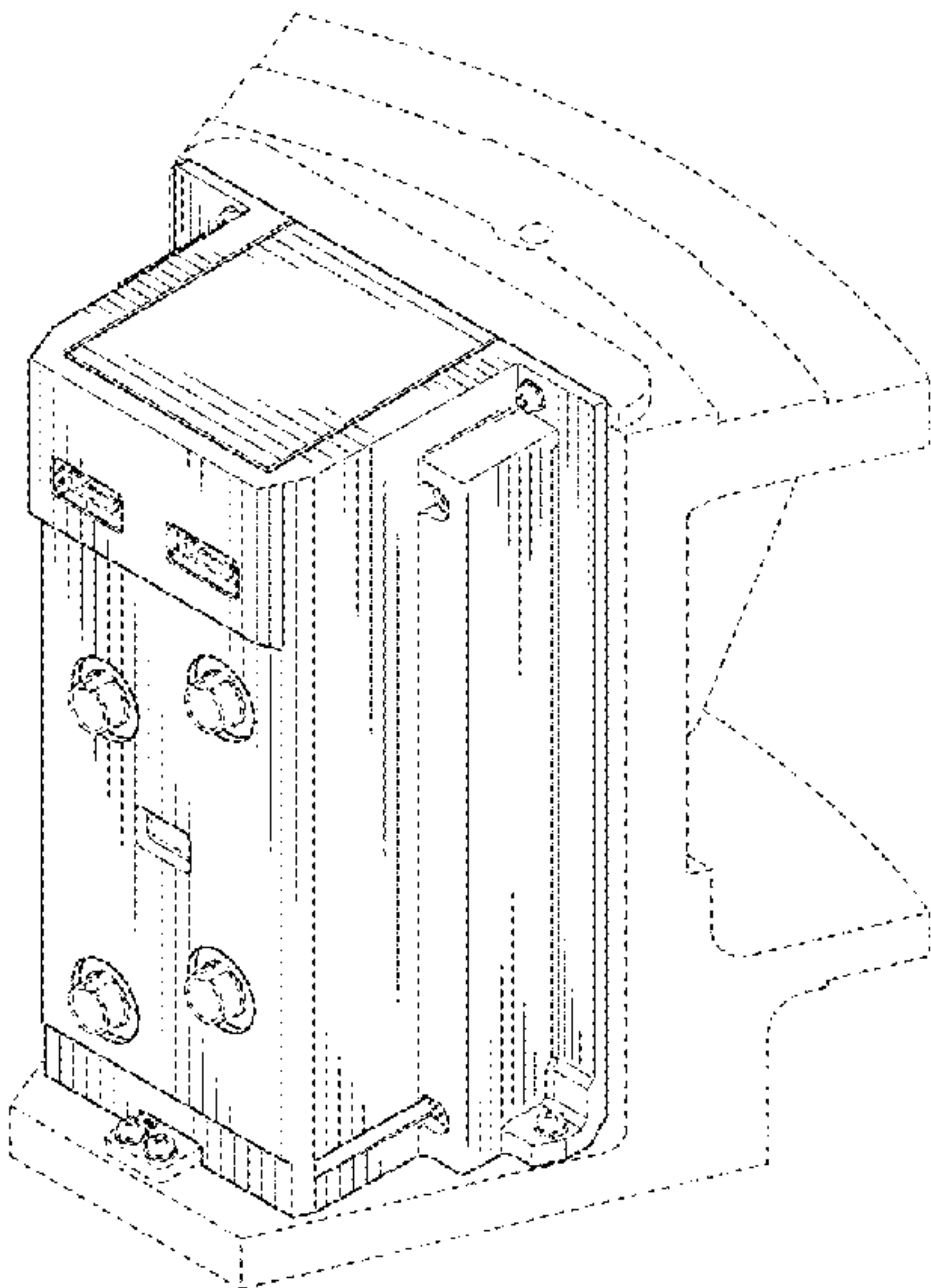
The ornamental design for a motor driver for a conveyor system as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a motor driver for a conveyor system showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a top view thereof;
FIG. 5 is a bottom view thereof;
FIG. 6 is a right side view thereof; and,
FIG. 7 is a left side view thereof.

The broken lines in the drawings are for the purpose of illustrating portions of the motor driver for a conveyor system that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



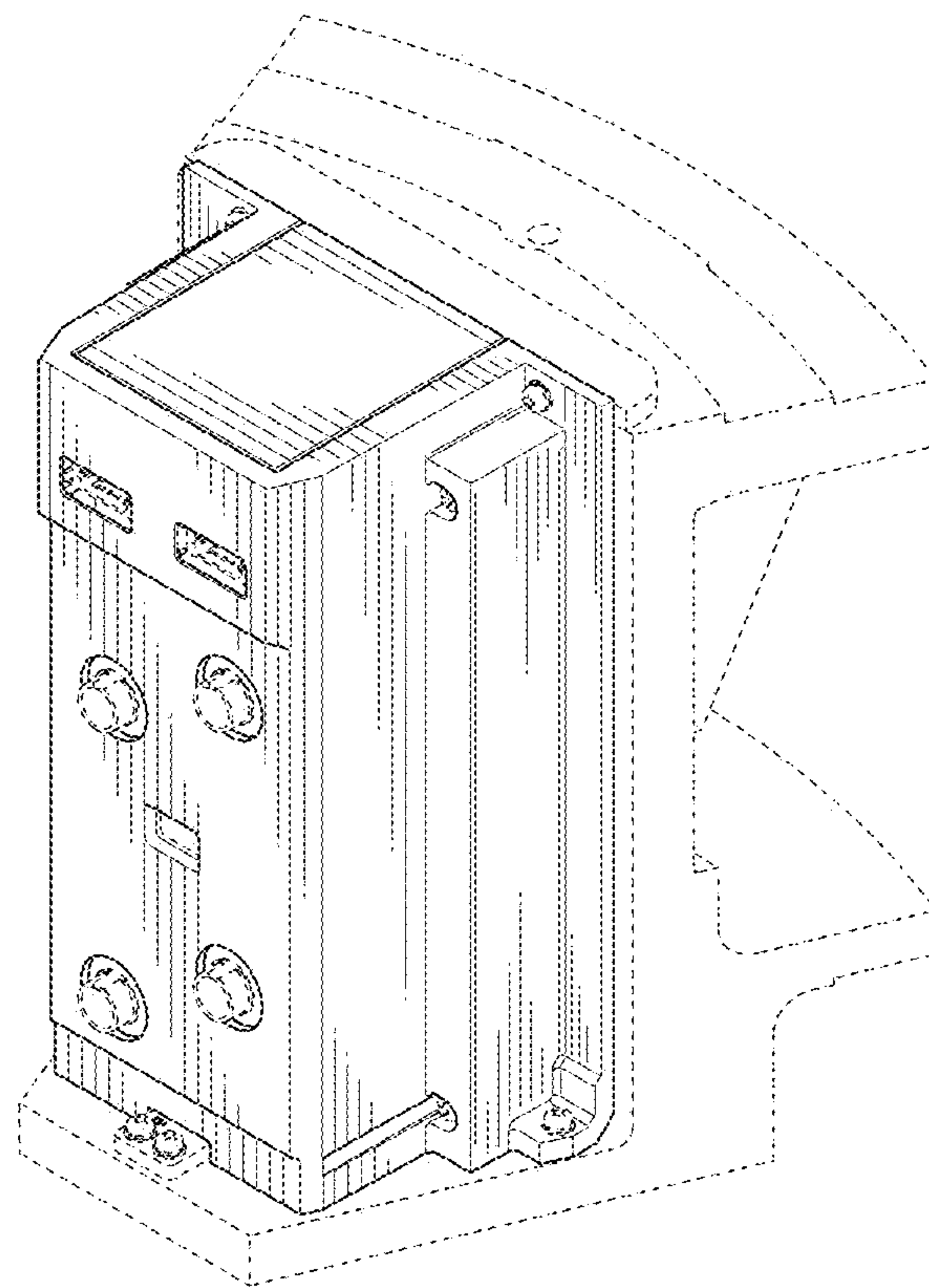


FIG. 1

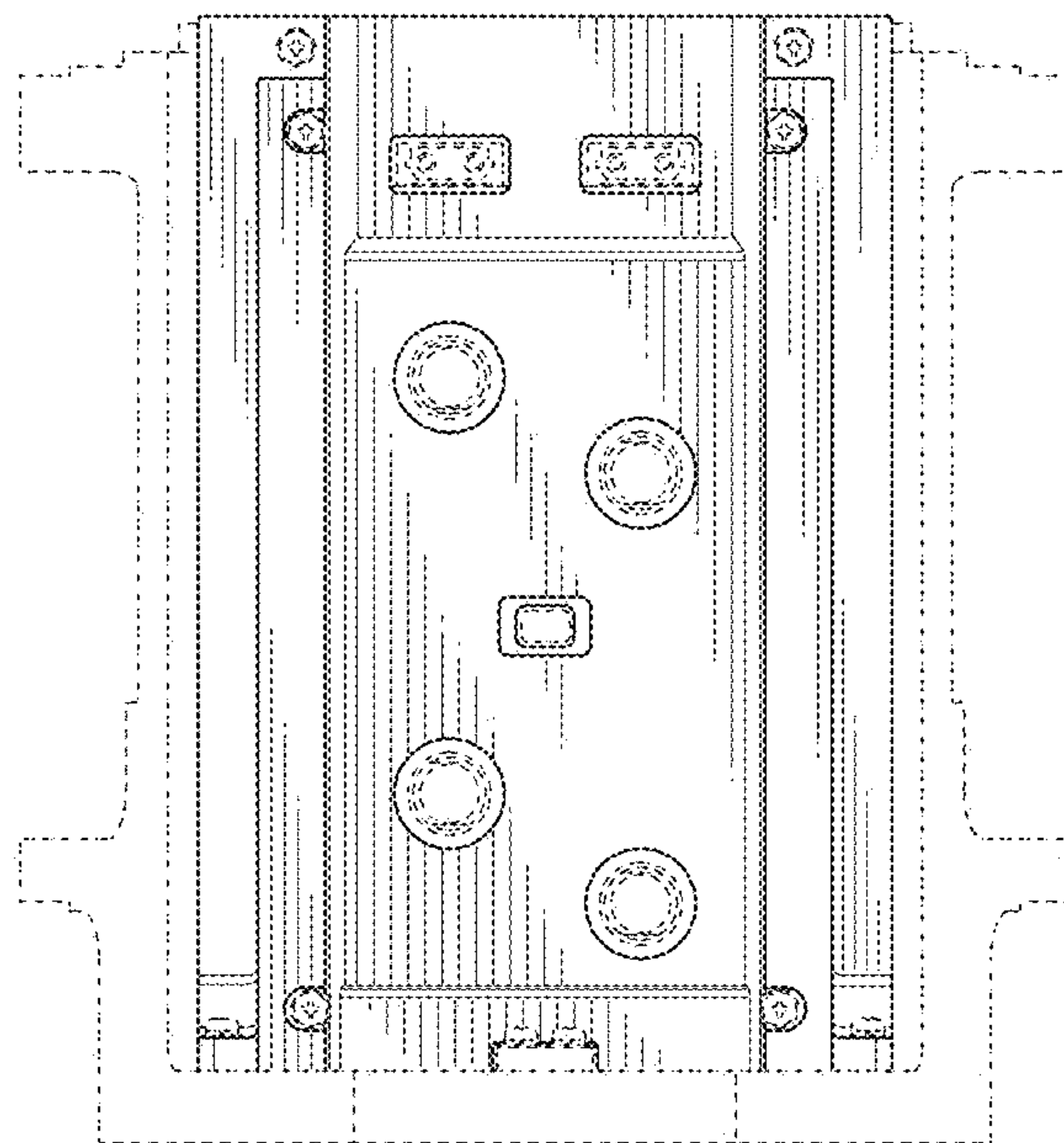


FIG. 2

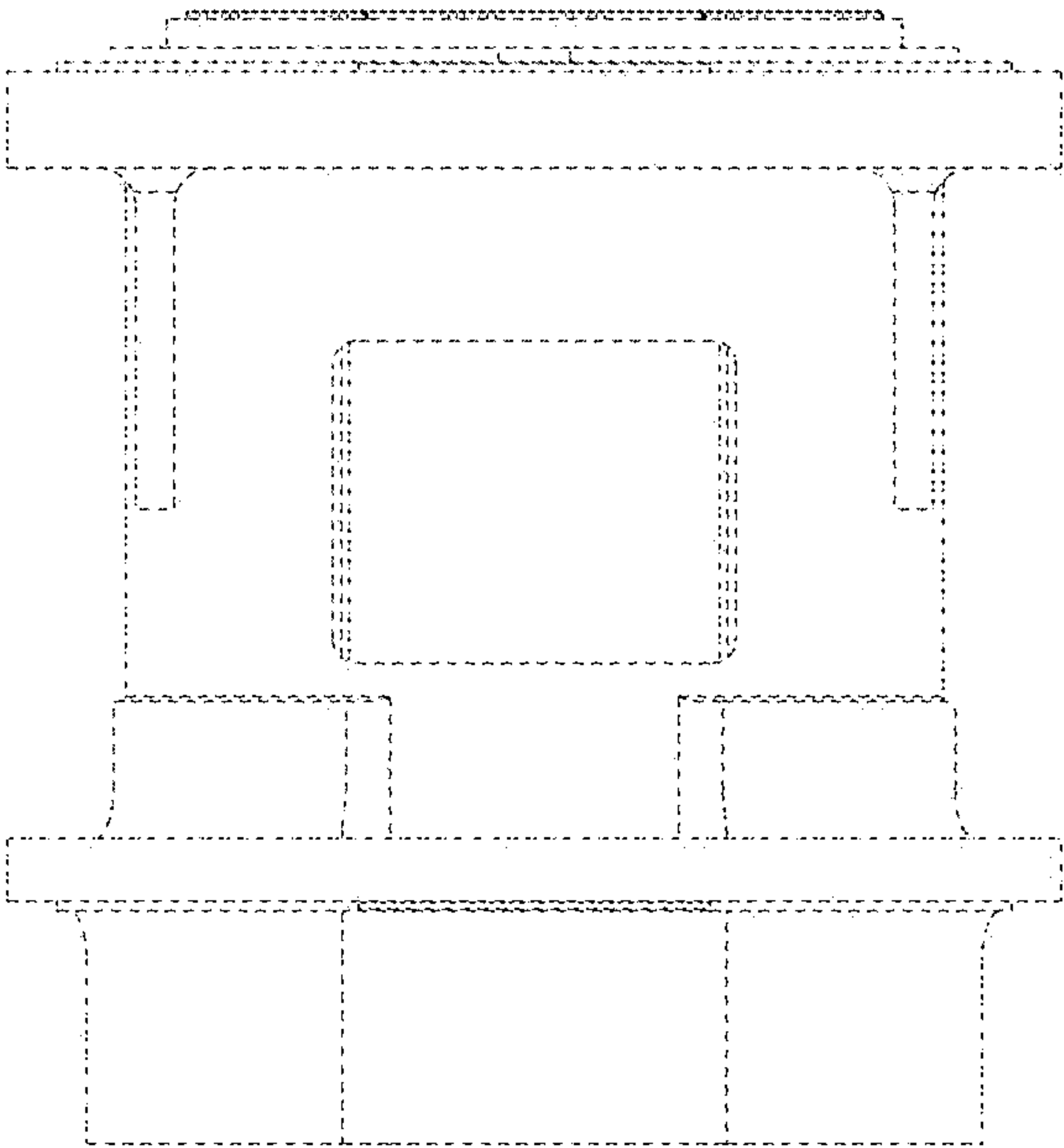


FIG. 3

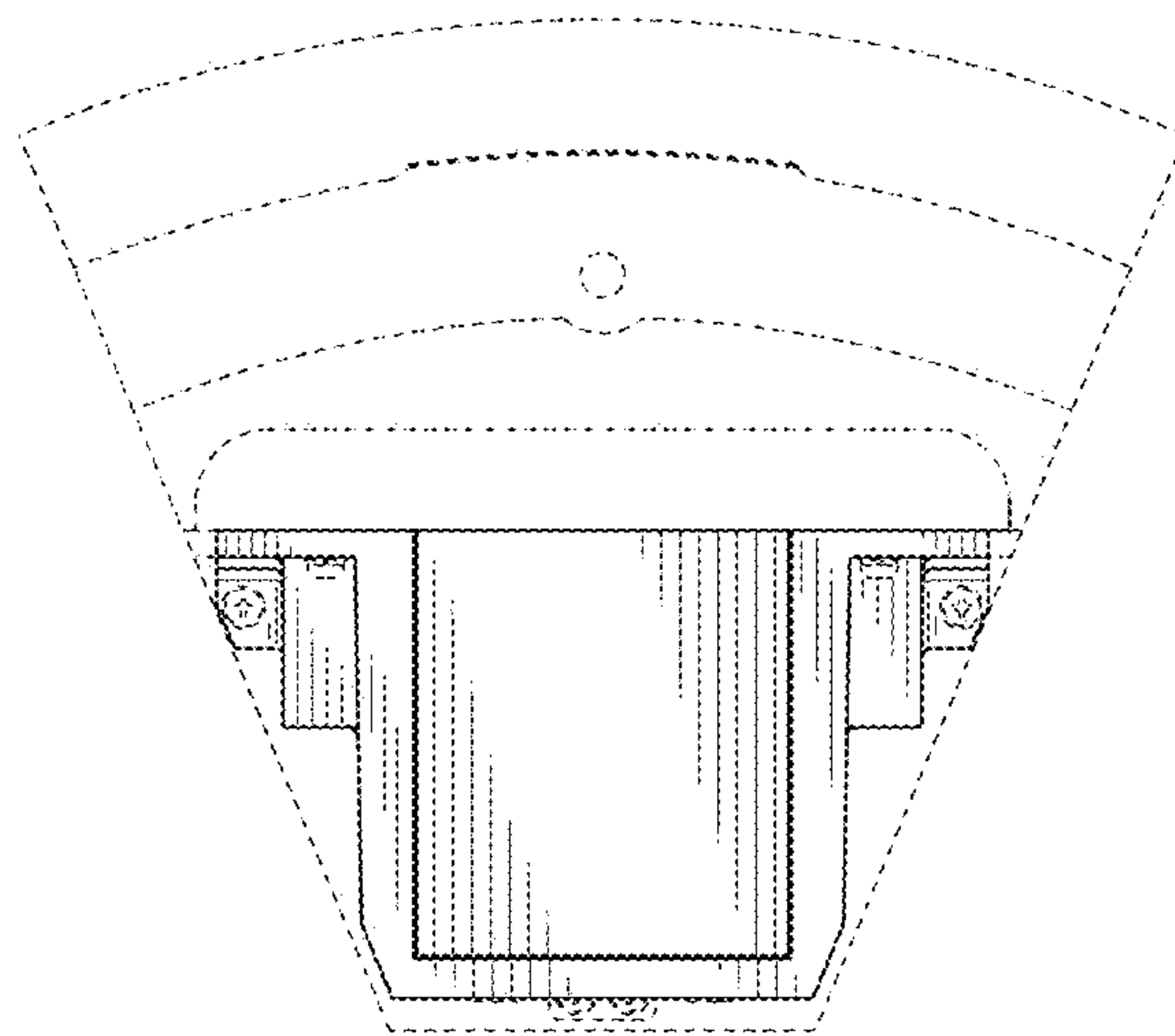


FIG. 4

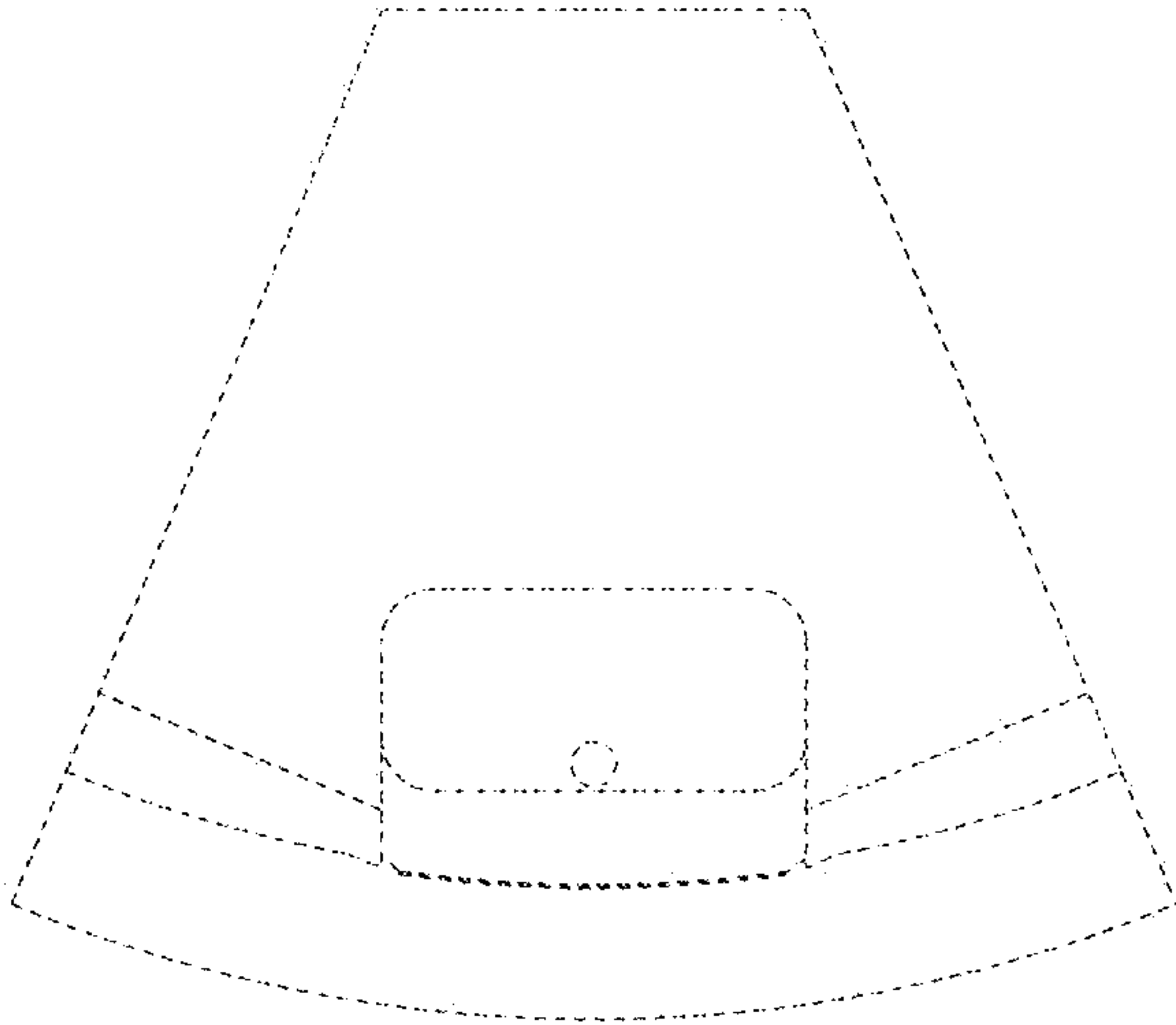


FIG. 5

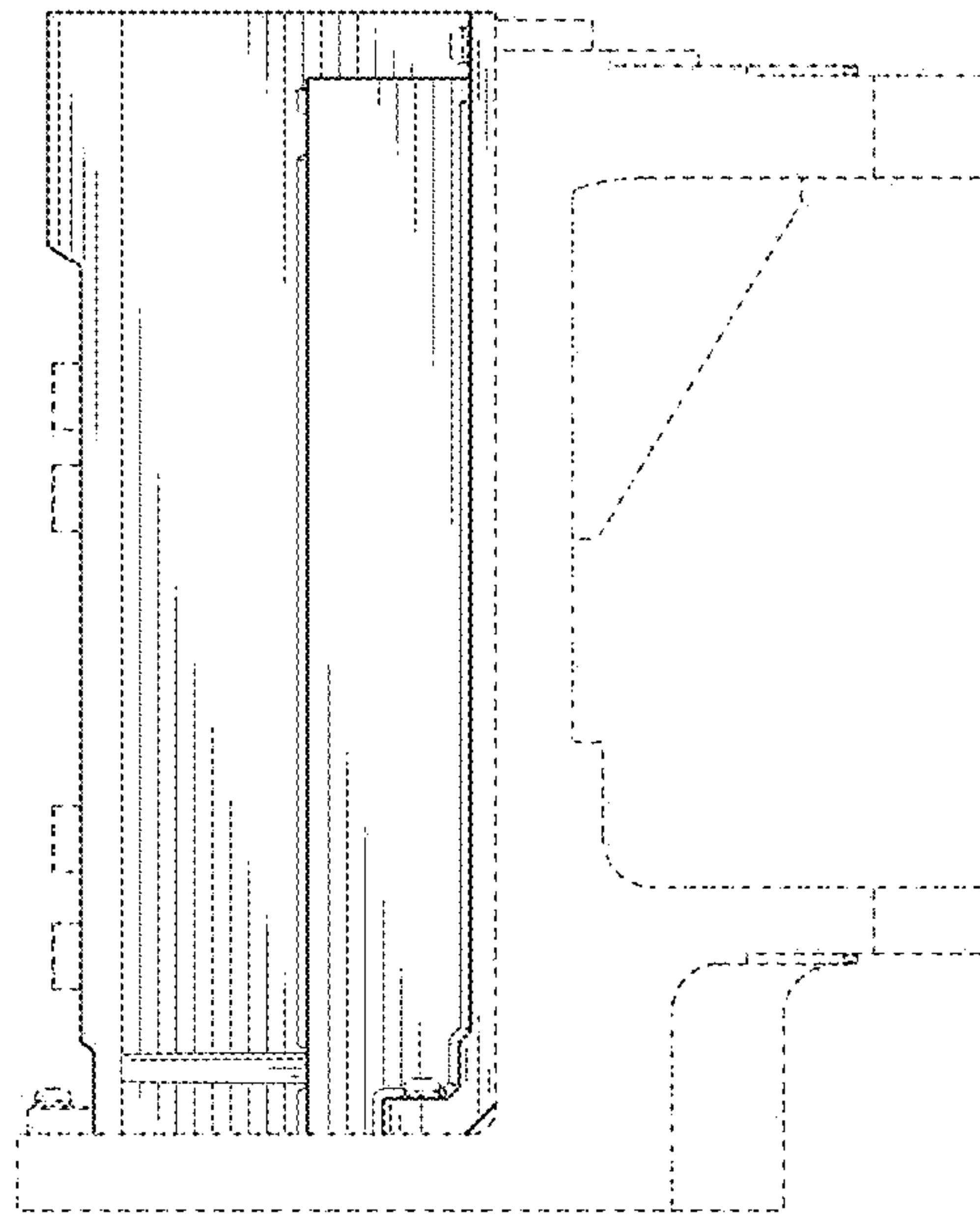


FIG. 6

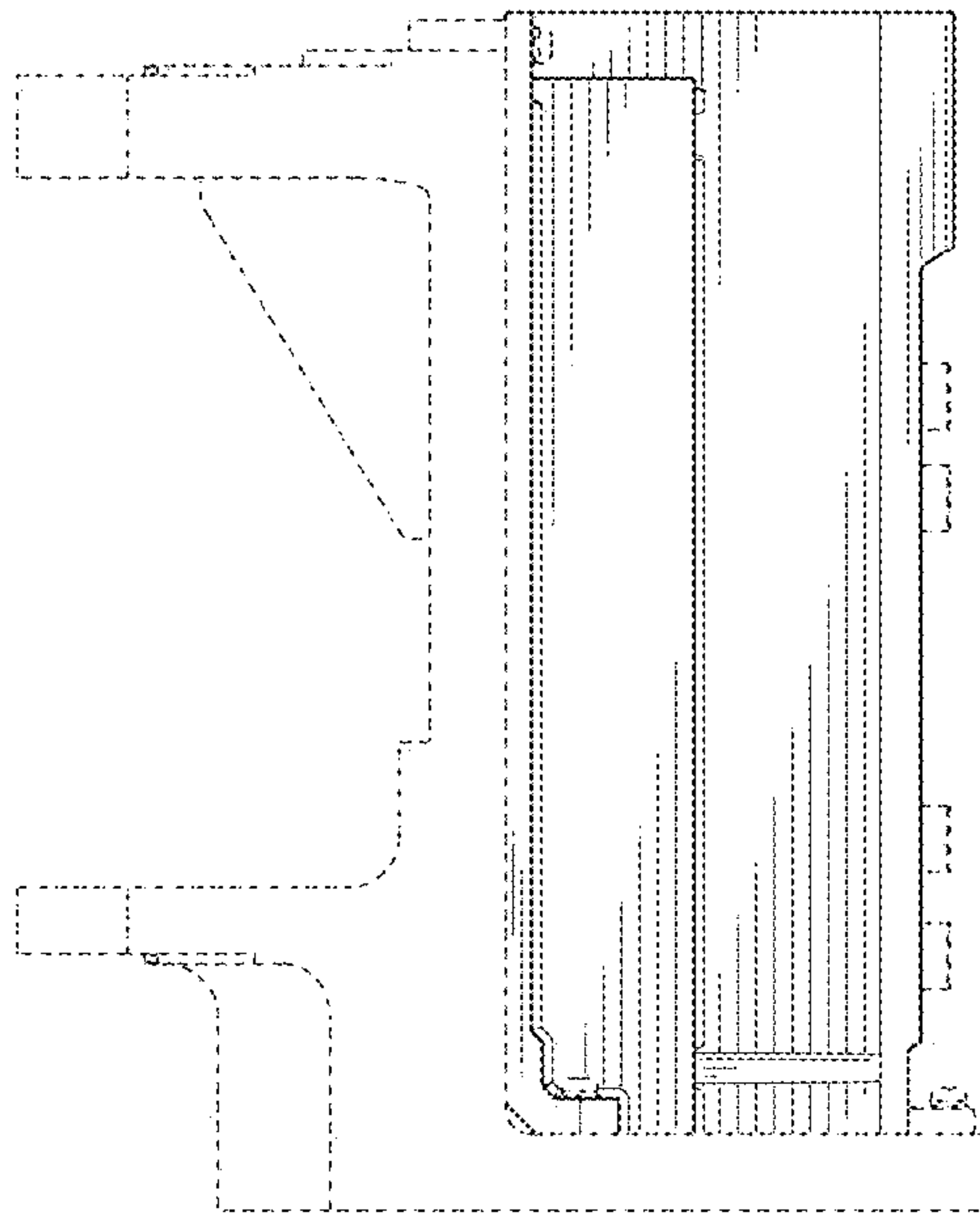


FIG. 7