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(12) **United States Design Patent** (10) **Patent No.:** **US D971,861 S**
Schemmel et al. (45) **Date of Patent:** **** Dec. 6, 2022**

- (54) **HUMAN MACHINE INTERFACE FOR A CONTROLLER**
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- (73) Assignee: **Thermo King LLC**, Minneapolis, MN (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/790,040**
- (22) Filed: **Nov. 1, 2021**

Related U.S. Application Data

- (62) Division of application No. 29/717,274, filed on Dec. 16, 2019, now Pat. No. Des. 935,423.
- (51) **LOC (13) Cl.** **13-03**
- (52) **U.S. Cl.**
USPC **D13/177; D13/162; D15/28**
- (58) **Field of Classification Search**
USPC D13/162, 164, 173, 177; D14/157, 188, D14/217, 257, 258, 308, 388, 441, 443, D14/450; D15/28; D23/324
CPC H01H 3/02; H01H 3/022; H01H 3/12; H01H 3/122; H01H 9/02; H01H 9/0235; H01H 13/023; H01H 13/04; H01H 13/06;

(Continued)

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- (57) **CLAIM**
The ornamental design for a human machine interface for a controller, as shown and described.

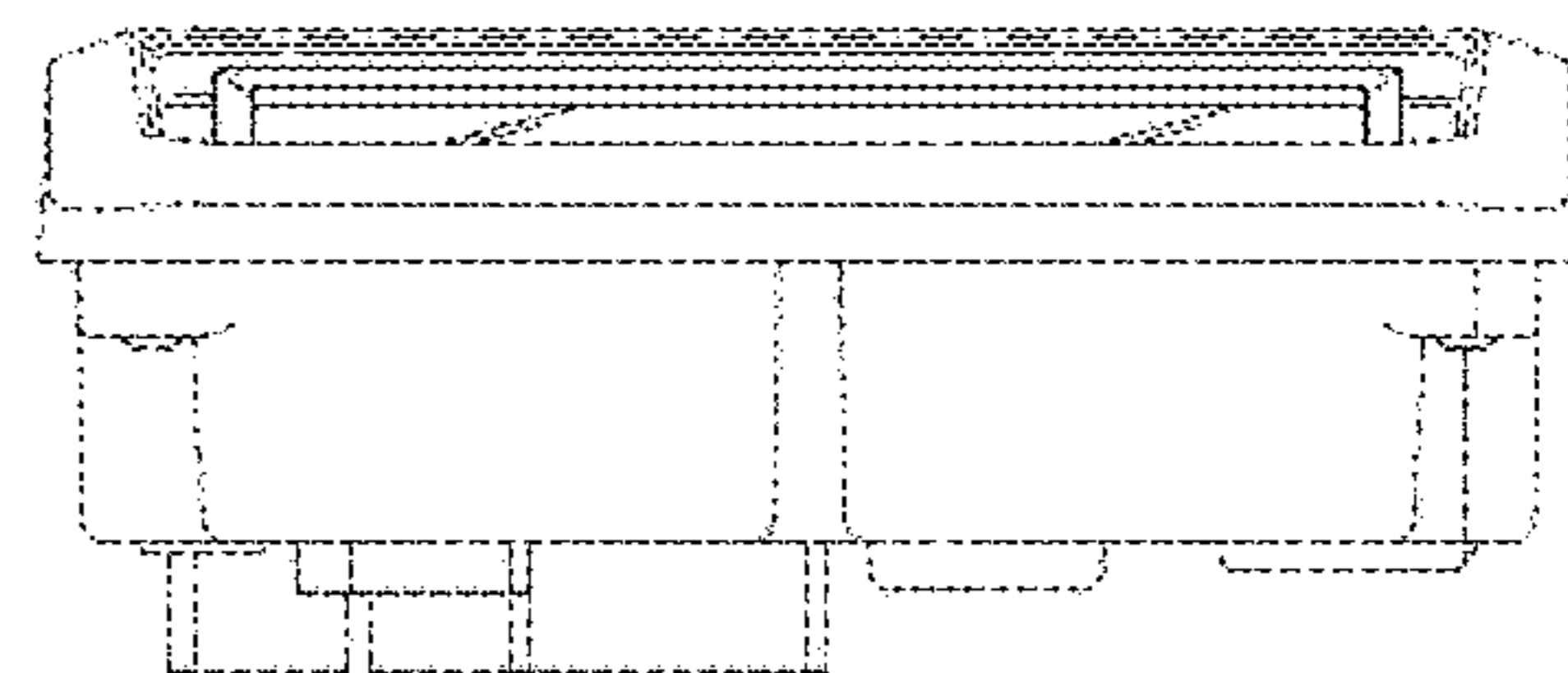
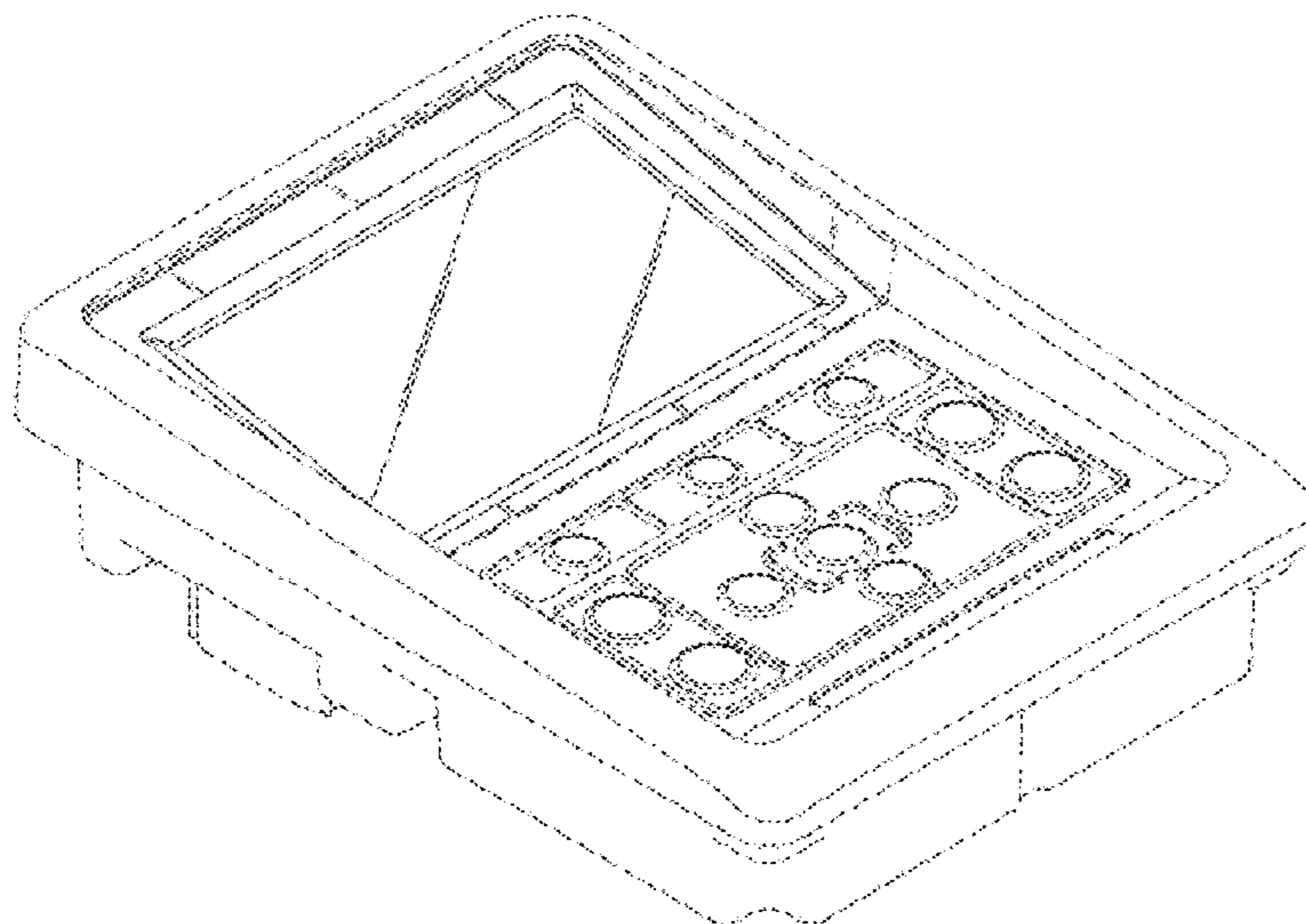
DESCRIPTION

FIG. 1 is a front perspective view of a human machine interface for a controller showing our new design; FIG. 2 is a front elevation view thereof; and, FIG. 3 is a top plan view thereof.

We note that the human machine interface for a controller shown in FIGS. 1-13 can be used, for example, in transport applications. For example, the human machine interface can be for a controller used to control a transport climate control system. The transport climate control system can be used to control environmental condition(s) (e.g., temperature, humidity, air quality, and the like) within a climate controlled space of a transport unit (e.g., a truck, a container (such as a container on a flat car, an intermodal container, etc.), a box car, a semi-tractor, a bus, or other similar transport unit). The transport climate control system can include, for example, a transport refrigeration system (TRS) and/or a heating, ventilation and air conditioning (HVAC) system.

The even spaced broken lines in the drawings depict portions of the controller that form no part of the claimed design. The dash-dot-dash broken lines define the bounds of the claim design and form no part thereof.

1 Claim, 3 Drawing Sheets



- (58) **Field of Classification Search**
 CPC H01H 13/063; H01H 13/10; H01H 13/12;
 H01H 13/142; H01H 13/20; H01H 13/30;
 B60K 37/06; B60N 2/14; B60N 2/797;
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 F25D 29/003; F25D 29/005; F25D
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 See application file for complete search history.

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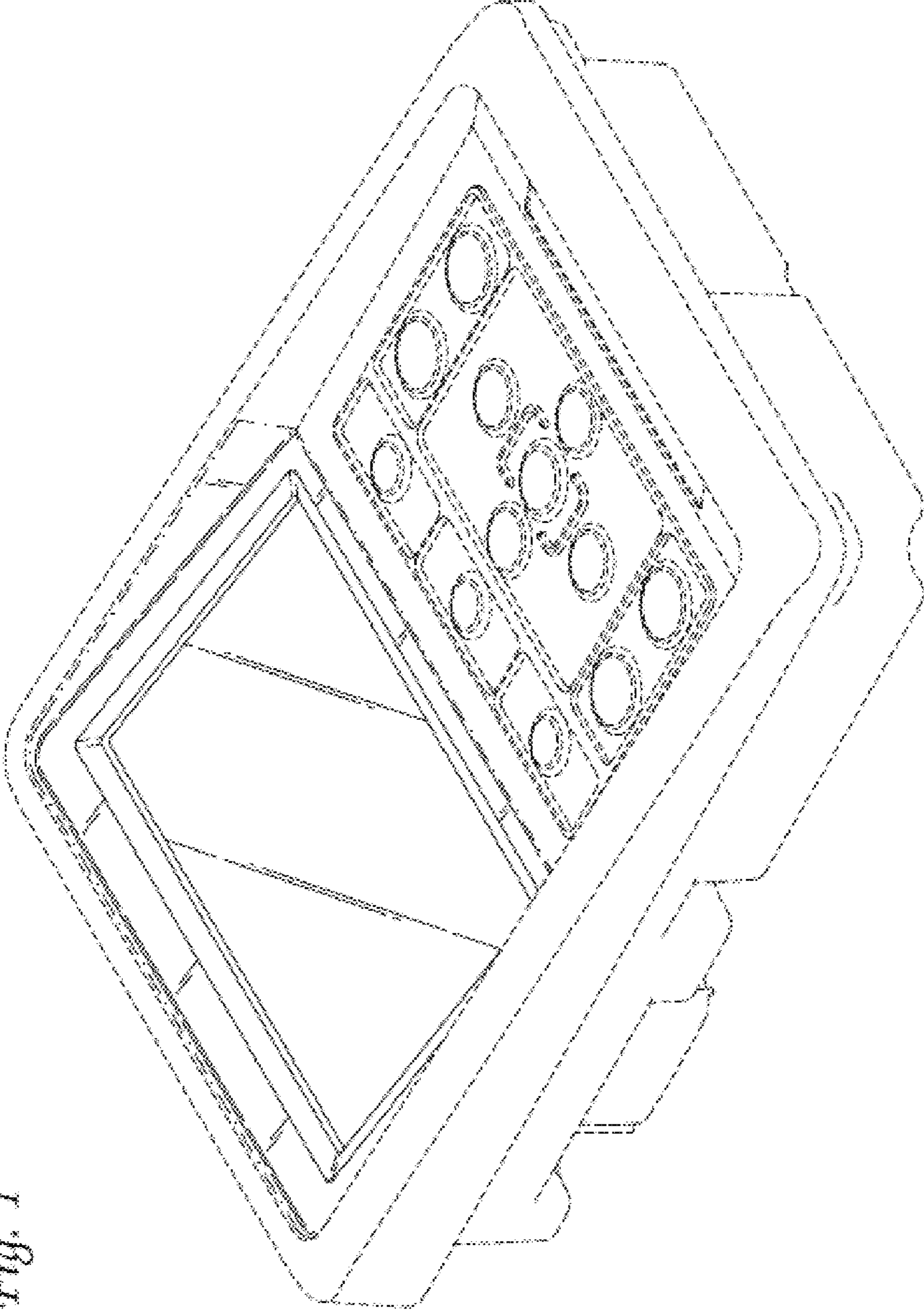


Fig. 1

Fig. 2

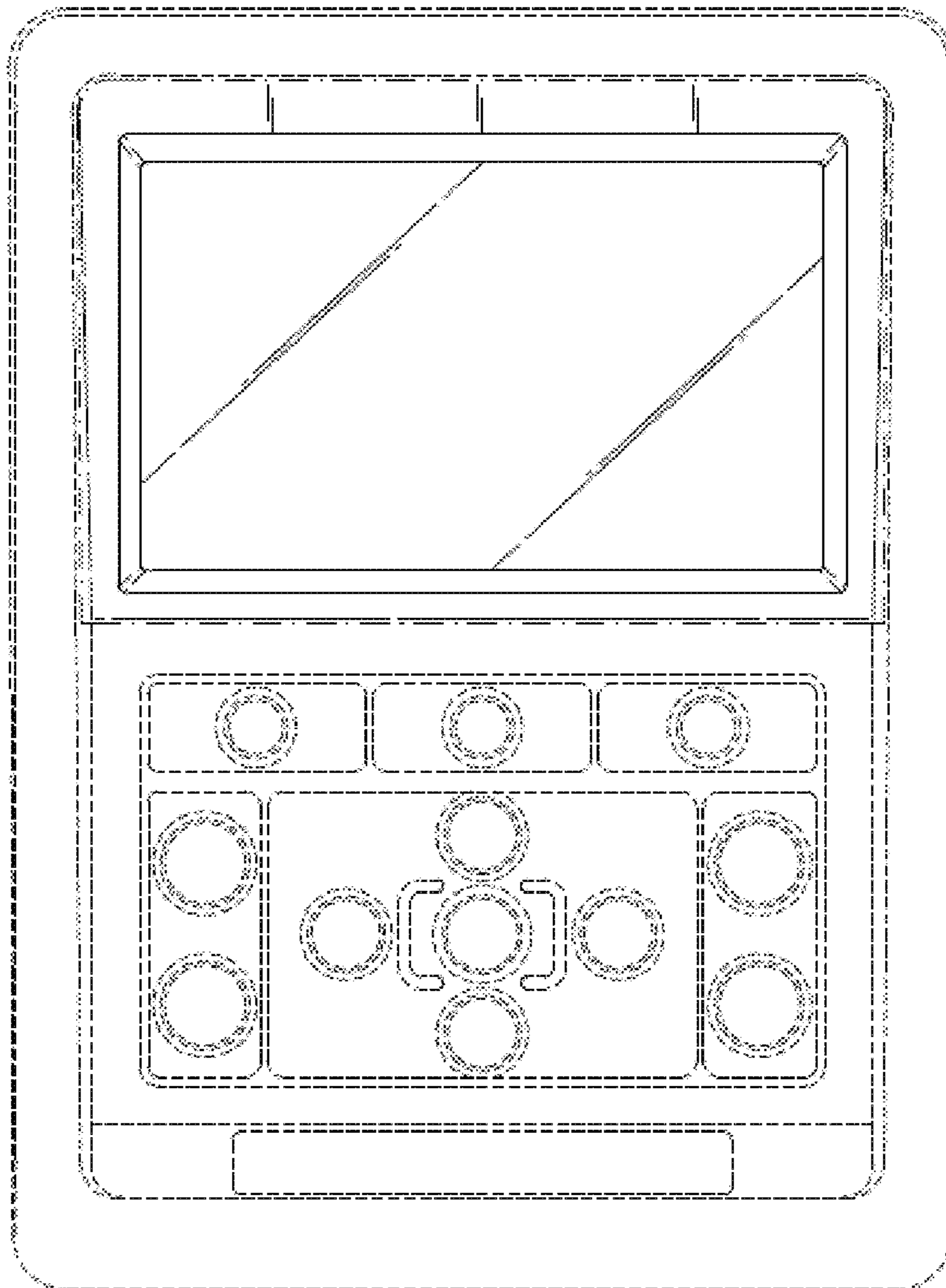


Fig. 3

