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(12) **United States Design Patent** (10) **Patent No.:** **US D900,041 S**
Sakamoto et al. (45) **Date of Patent:** **** Oct. 27, 2020**

(54) **OPERATION PANEL FOR MACHINE TOOLS**

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

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Related U.S. Application Data

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(51) **LOC (12) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/164**

(58) **Field of Classification Search**
USPC D13/162, 162.1, 164; D10/49, 50;
D14/338, 390, 391, 392, 396, 443, 455,
D14/456
CPC G05B 19/0425; G05B 19/0426; G05B
19/05; G05B 19/401; G05B 19/409;
G06F 3/0219; G06F 3/0484; G06F
3/0489; G06F 1/1601
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D267,944 S 2/1983 Vintzel et al.
D287,486 S 12/1986 Points et al.
D294,566 S 3/1988 Boytor
D344,716 S 3/1994 Munger et al.
D430,562 S 9/2000 Richards
D573,108 S * 7/2008 Pan D13/164
D604,845 S 11/2009 Hibi et al.

D631,899 S 2/2011 Hösl et al.
D641,712 S 7/2011 Berning et al.
D753,607 S * 4/2016 Lee D13/162
D757,632 S 5/2016 Bradley et al.
D802,540 S * 11/2017 Kurokawa D13/164
D807,305 S * 1/2018 Suwa D13/164

(Continued)

FOREIGN PATENT DOCUMENTS

CN 301309751 S 8/2010
CN 301844967 S 2/2012

(Continued)

OTHER PUBLICATIONS

Fanuc CNC 30i-B Controller ; before 2016, 1pg. ;https://www.google.com/search?hl=en&biw=1536&bih=813&tbm=isch&sa=1&ei=4s3nXYqZF-OHgge47J2YBg&q=Fanuc+Corporation+operational+panel+before+2017&oq=Fanuc+Corporation+operational+panel+before+2017&gs_l=img.12...67814.104268..106132...1.0..0.76.716.13...2..0...1.*

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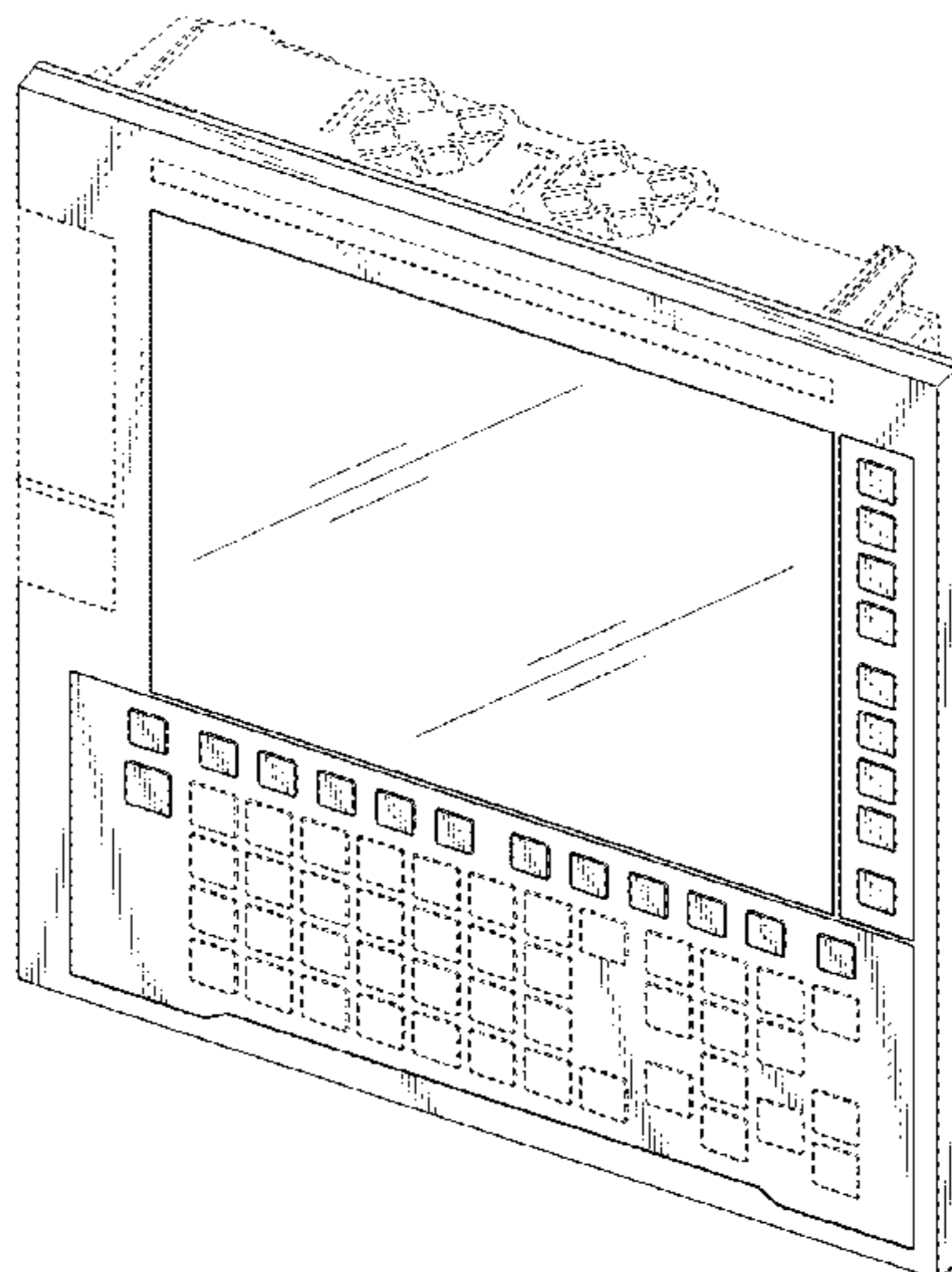
(57) **CLAIM**

The ornamental design for an operation panel for machine tools, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an operation panel for machine tools showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a left side elevational view thereof;
FIG. 4 is a right side elevational view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof; and,
FIG. 7 is a rear view thereof.
The broken lines depict unclaimed environmental subject matter.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D807,306 S * 1/2018 Suwa D13/164
D840,356 S * 2/2019 Sakamoto D13/164
2003/0040884 A1* 2/2003 Walther G05B 19/409
702/150
2016/0048121 A1* 2/2016 Shinohara G05B 19/409
700/179

FOREIGN PATENT DOCUMENTS

CN 302781316 S 4/2014
CN 303248823 S 6/2015
JP 1542570 S 1/2016
JP 1550771 S 6/2016
TW 239733 1/1995
TW M241945 U 8/2004
TW D142251 S 8/2011
TW M501081 U 5/2015

OTHER PUBLICATIONS

Operation Panel for Machine Tools shown in Fanuc Series oi/oi Mate-Model D—Apr. 2014—4 Pages.

Operation Panel for Machine Tools shown in Fanuc Series oi—Model F—Sep. 2015—2 Pages.

Notice of Allowance and Search Report for Taiwanese Application No. 106305648, dated Apr. 19, 2018, including English translation—4 pages.

Notice of Allowance and Search Report for Taiwanese Application No. 106305649, dated Apr. 19, 2018 including English translation—4 pages.

Entire patent prosecution history of U.S. Appl. No. 35,503,787, filed Mar. 31, 2017, entitled “Operation Panels for Machine Tools.”

* cited by examiner

FIG. 1

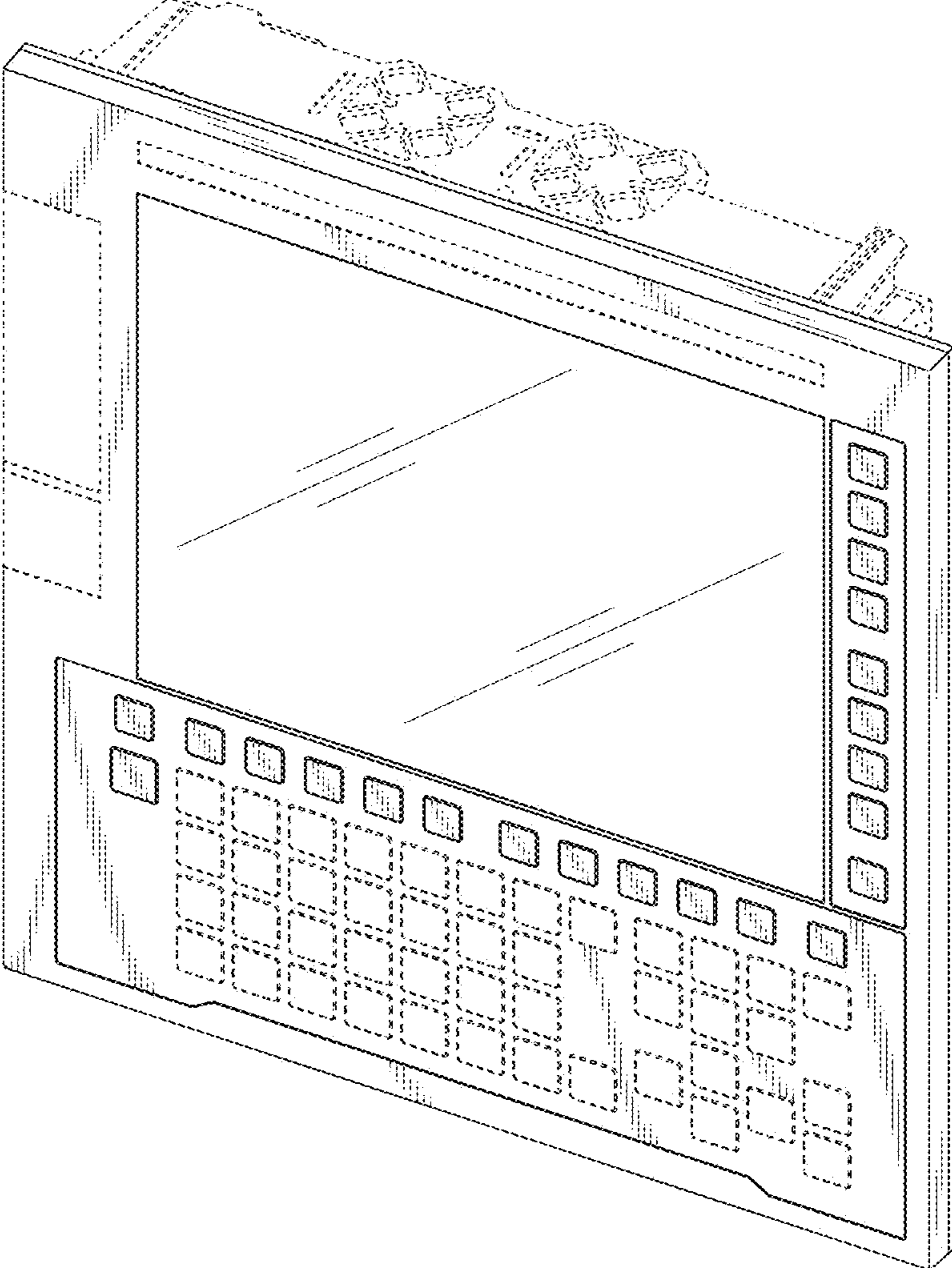


FIG. 2

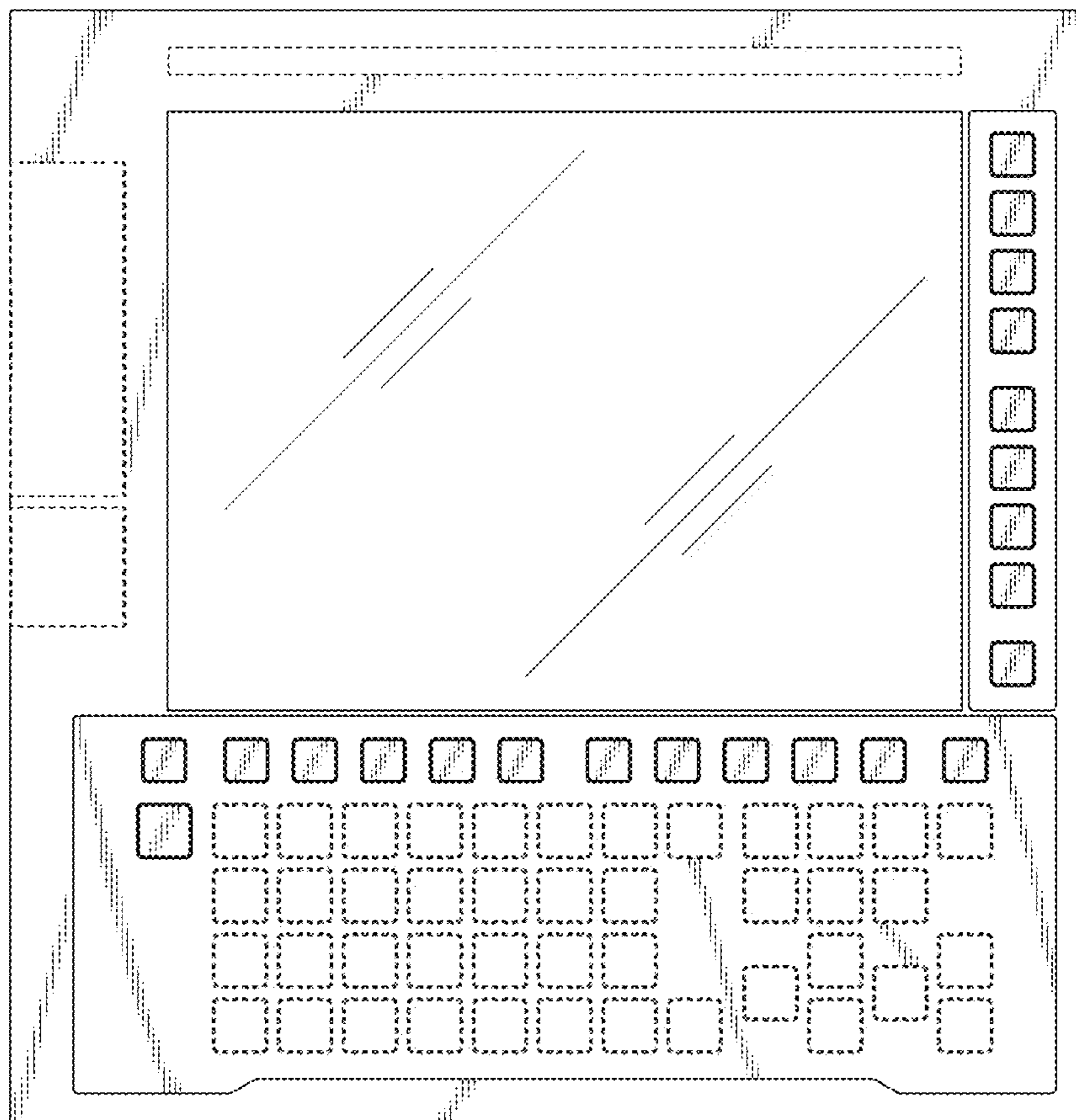


FIG. 3

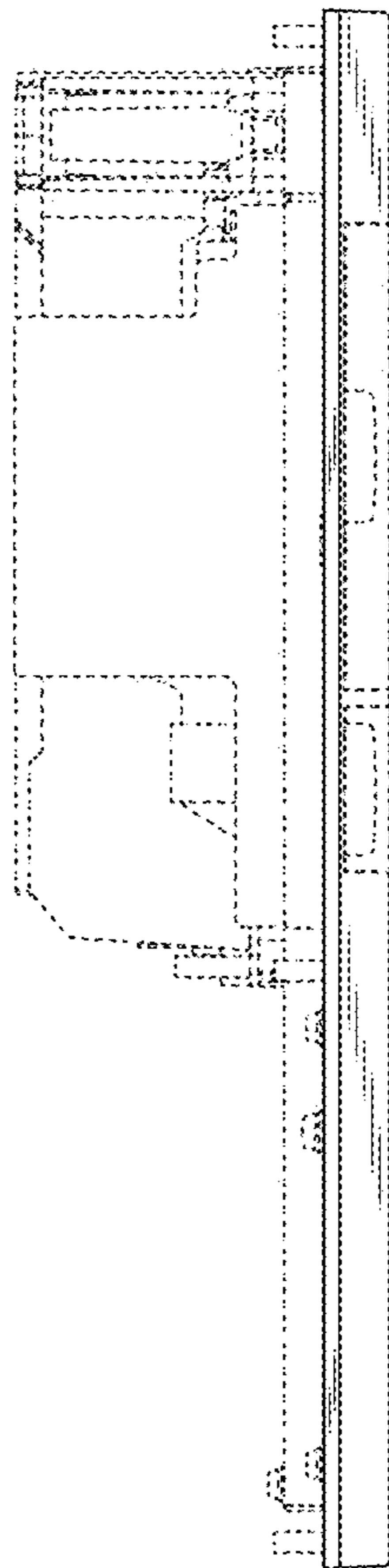


FIG. 4

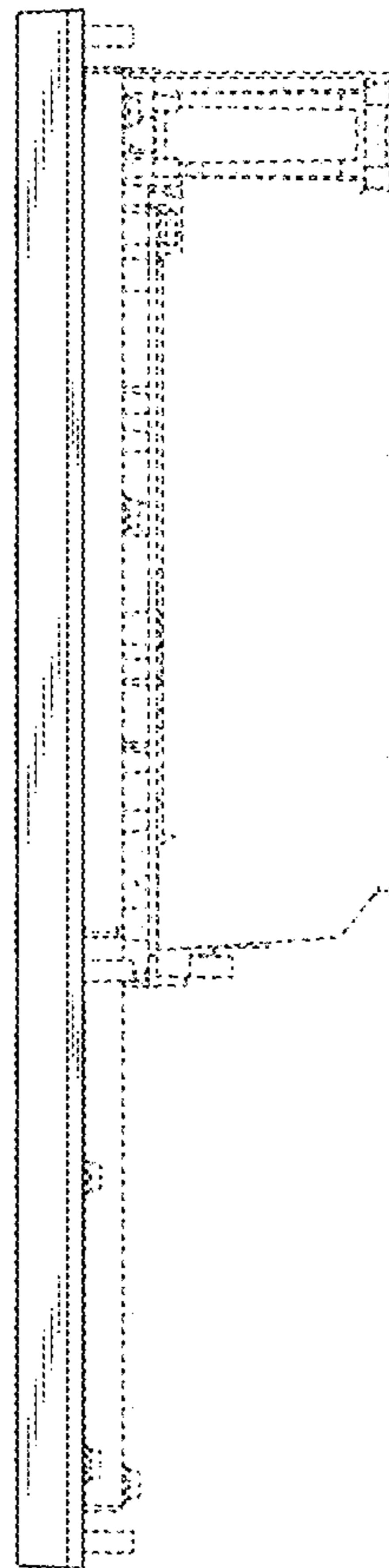


FIG. 5

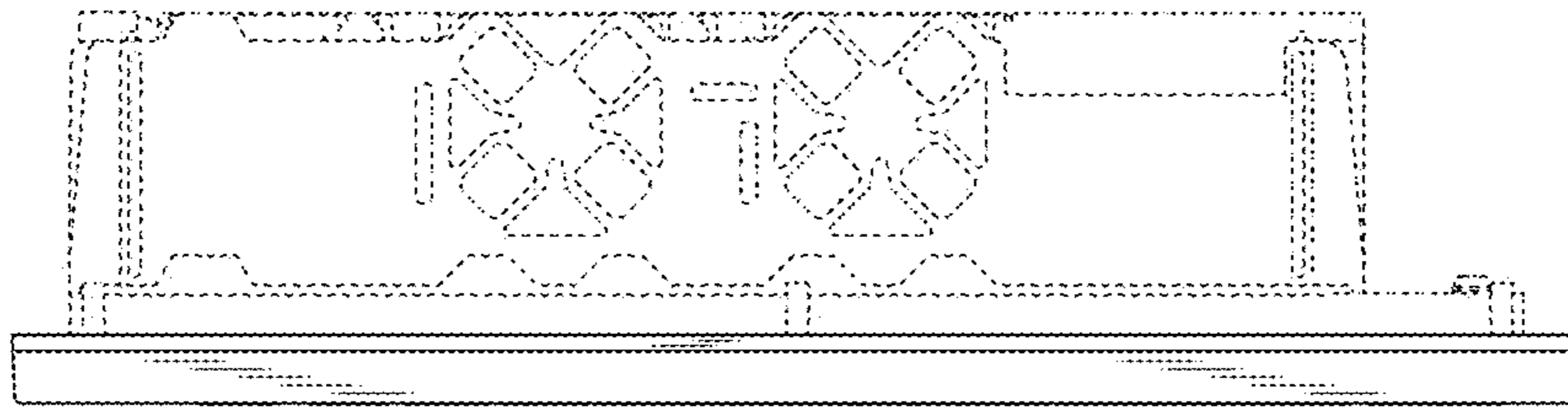


FIG. 6

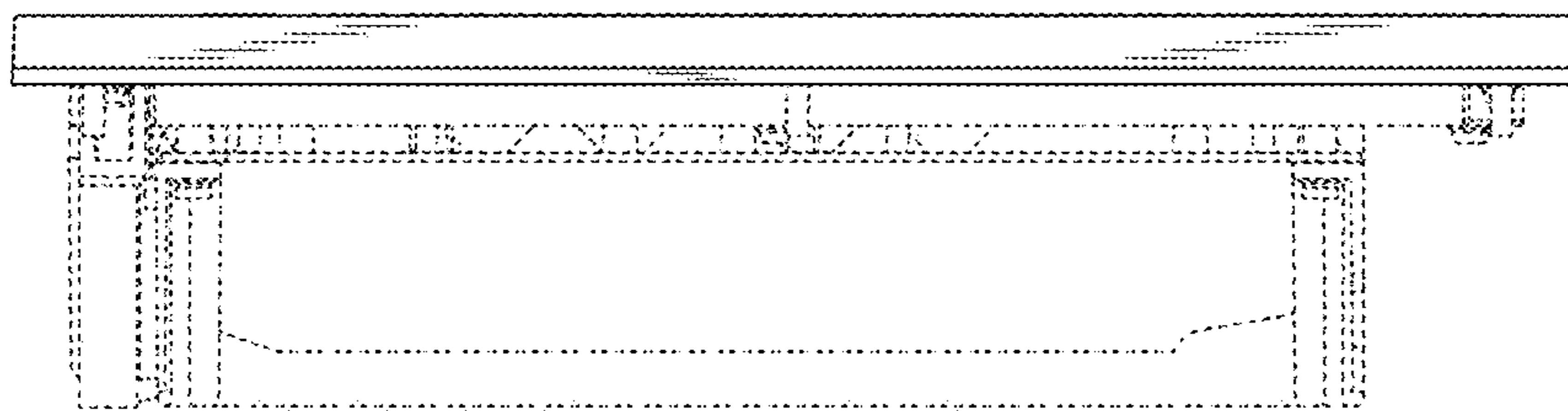


FIG. 7

