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(12) **United States Design Patent** (10) **Patent No.:** **US D902,162 S**  
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(54) **TOUCHSCREEN DISPLAY DEVICE HAVING  
A TOUCHSCREEN PUSH BUTTON**

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(73) Assignee: **GTT CO., LTD.**, Paju-si (KR)

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

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

(52) **U.S. Cl.**  
USPC ..... **D13/171**

(58) **Field of Classification Search**  
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D14/388-390, 159; D10/52-53, 106.1,  
D10/106.95, 123, 125; 341/22-23;  
345/104, 156, 168; D13/162-162.1, 171;  
D21/324-325, 329; D23/226; D8/310  
CPC ..... G06F 1/16; G06F 1/1616; H01R 35/02;  
A63F 13/00; A63F 2300/1018; A63F  
2300/1056; A63F 2009/2408; G07F  
17/32; G07F 17/3209

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D70,376 S \* 6/1926 Lighthipe ..... D10/108  
D131,157 S \* 1/1942 Drake ..... D10/103  
2,415,297 A \* 2/1947 Linton ..... H01H 13/023  
200/457  
D185,631 S \* 7/1959 Dreyfuss ..... D13/171  
D197,278 S \* 1/1964 Stevenson ..... D13/171  
D201,801 S \* 8/1965 Stevenson ..... D13/171  
D203,184 S \* 12/1965 Stevenson ..... D13/171  
D210,024 S \* 1/1968 Callender ..... D13/171  
D217,253 S \* 4/1970 Doggart ..... D13/171

D233,892 S \* 12/1974 Kay ..... D13/171  
D256,012 S \* 7/1980 Matsuda ..... D13/171  
D305,022 S \* 12/1989 Hallgren ..... D13/171  
D316,249 S \* 4/1991 King-Pei ..... D13/167  
D414,748 S \* 10/1999 Pierson ..... D13/171  
D481,331 S \* 10/2003 Matsui ..... D11/220

(Continued)

**OTHER PUBLICATIONS**

Series 2 Button Display, GTT, gtt.co.kr, author not listed, published Sep. 17, 2018 per wayback machine © GTT Co., Ltd., online, site visited Jun. 16, 2019. Available from Internet, URL: <http://gtt.co.kr/en/product/casino.php> (Year: 2018).\*

(Continued)

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(57) **CLAIM**

I claim, the ornamental design for a touchscreen display device having a touchscreen push button, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front, right perspective view of a touchscreen display device having a touchscreen push button showing my new design;

FIG. 2 is a top, rear, right perspective view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a left side elevational view thereof;

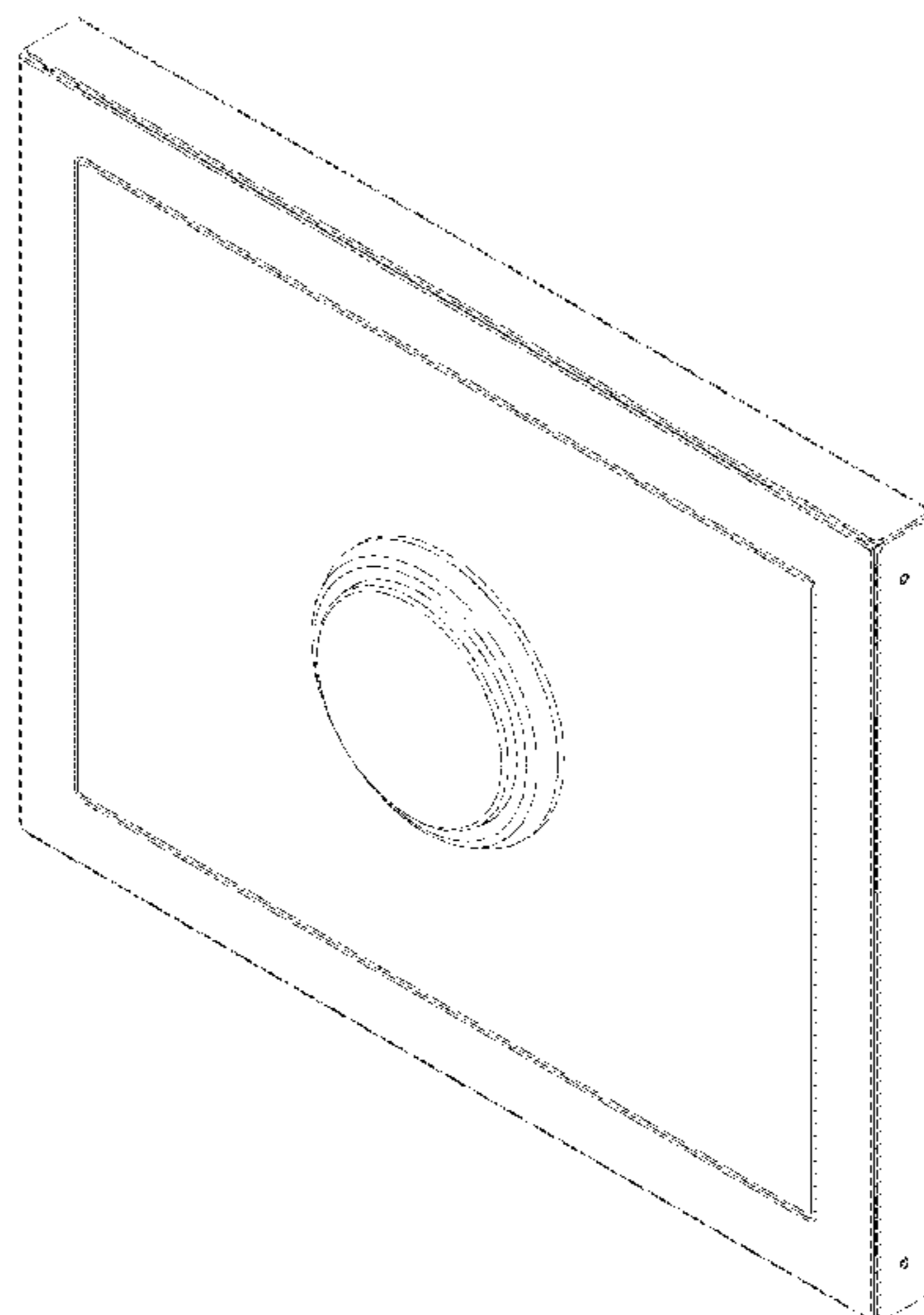
FIG. 6 is a right side elevational view thereof;

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a bottom plan view thereof.

The broken lines in the drawings show portions of the touchscreen display device having a touchscreen push button which form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D481,654 S \* 11/2003 Matsui ..... D11/220  
 D482,298 S \* 11/2003 Matsui ..... D11/220  
 D530,325 S \* 10/2006 Kerila ..... D14/356  
 D533,144 S \* 12/2006 Asada ..... D13/171  
 7,152,715 B2 \* 12/2006 Meyer ..... B66B 1/462  
 187/391  
 D562,264 S \* 2/2008 Jeong ..... D13/164  
 D562,306 S \* 2/2008 Jeong ..... D14/159  
 D588,069 S \* 3/2009 Cummings ..... D13/158  
 D630,631 S \* 1/2011 Hamilton ..... D14/356  
 D654,880 S \* 2/2012 Lam ..... D13/174  
 D663,643 S \* 7/2012 Saikawa ..... D10/108  
 D713,236 S \* 9/2014 Park ..... D8/310  
 D714,230 S \* 9/2014 Sun ..... D13/171  
 D721,349 S \* 1/2015 Sugai ..... D14/159  
 D736,717 S \* 8/2015 Duffy ..... D13/162  
 D761,754 S \* 7/2016 Michielan ..... D14/159  
 D761,755 S \* 7/2016 Michielan ..... D14/159  
 D771,039 S \* 11/2016 Windstrup ..... D14/356  
 D786,791 S \* 5/2017 Jeong ..... D13/108  
 D796,434 S \* 9/2017 Li ..... D13/108  
 D800,087 S \* 10/2017 Shanes ..... D14/159  
 D802,463 S \* 11/2017 Siminoff ..... D10/118.2  
 D807,835 S \* 1/2018 Alexander ..... D13/174  
 D815,052 S \* 4/2018 Schindler ..... D13/162  
 D816,528 S \* 5/2018 Wen ..... D10/118.2  
 D820,706 S \* 6/2018 Siminoff ..... D10/118.2  
 D826,938 S \* 8/2018 Son ..... D14/388  
 D827,645 S \* 9/2018 Raken ..... D14/388  
 D829,209 S \* 9/2018 Zheng ..... D14/388

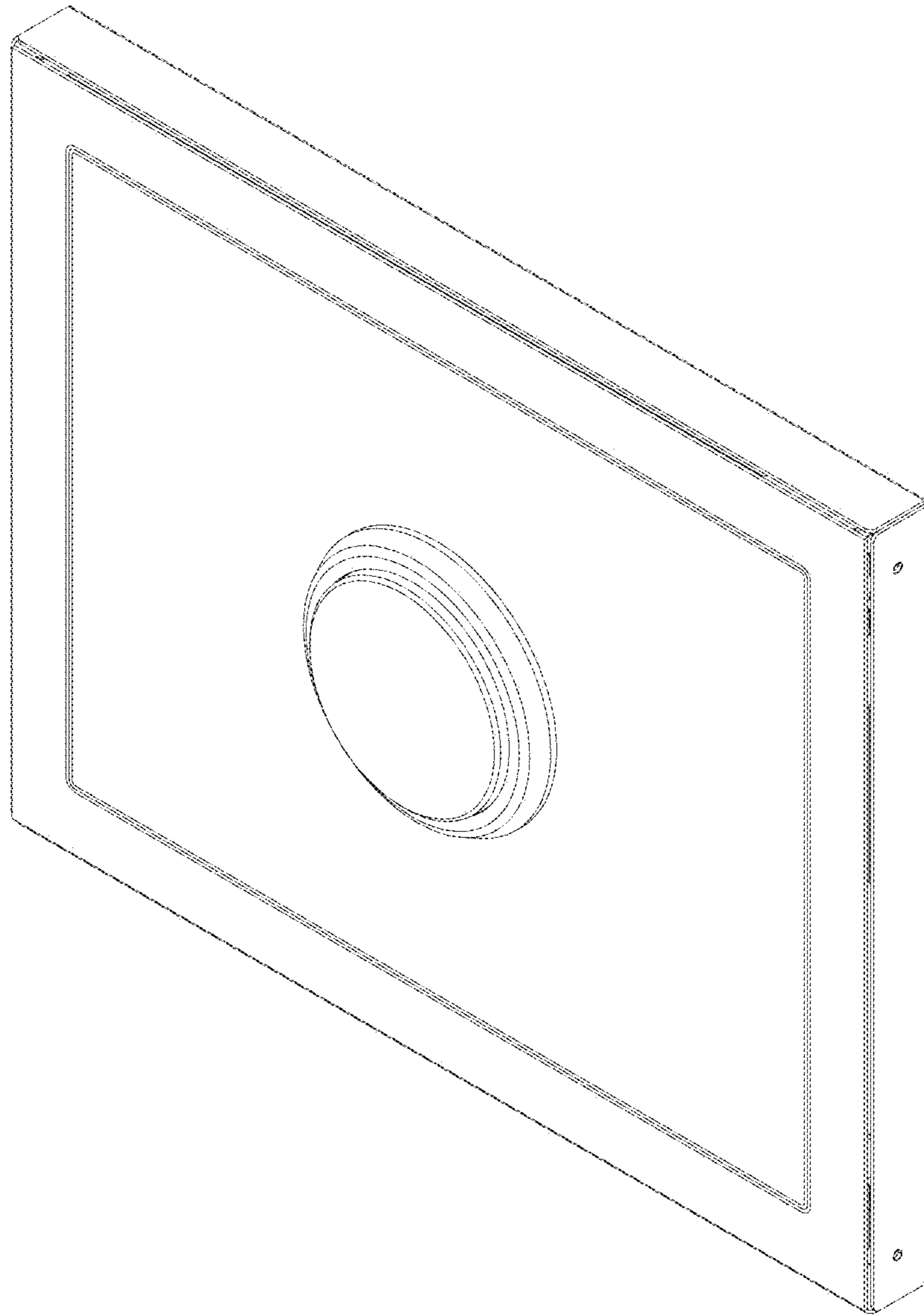
D839,847 S \* 2/2019 Dimberg ..... D13/171  
 D840,856 S \* 2/2019 Scalisi ..... D10/118.2  
 D840,857 S \* 2/2019 Scalisi ..... D10/118.2  
 D840,858 S \* 2/2019 Siminoff ..... D10/118.2  
 D840,956 S \* 2/2019 Wiese ..... D13/173  
 D842,263 S \* 3/2019 Takahata ..... D14/159  
 D845,931 S \* 4/2019 Kosuge ..... D14/218  
 D846,508 S \* 4/2019 Dimberg ..... D13/171  
 D852,077 S \* 6/2019 Seaberry ..... D10/118  
 D852,663 S \* 7/2019 Bard ..... D10/103  
 D866,490 S \* 11/2019 Bard ..... D13/174  
 D868,724 S \* 12/2019 Xie ..... D14/159  
 D874,950 S \* 2/2020 Gentle ..... D10/50  
 D878,309 S \* 3/2020 Altonen ..... D13/171  
 D878,310 S \* 3/2020 Dimberg ..... D13/171  
 D879,055 S \* 3/2020 Altonen ..... D13/171  
 2019/0252137 A1 \* 8/2019 McDonald ..... H01H 13/04

OTHER PUBLICATIONS

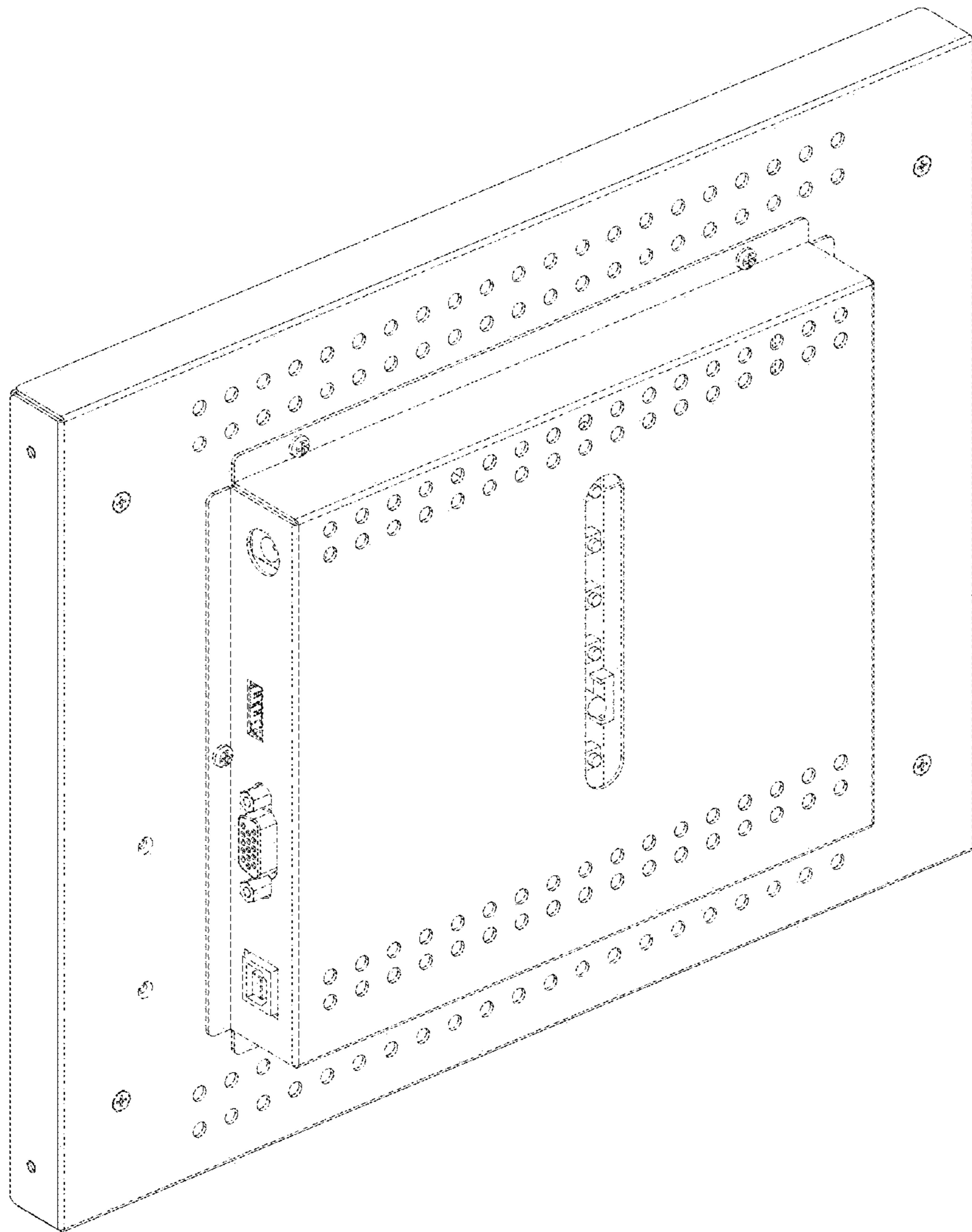
Smart LED Light Switch, WINTEK, toastedcircuits.com, author not listed, published Jan. 29, 2019 per wayback machine © 2020 Lightuino5 Blog, online, site visited Jan. 9, 2020. Available from Internet, URL: [https://www.toastedcircuits.com/armored-glass-plate-panel-cover-smart-home-dimmer-control . . .](https://www.toastedcircuits.com/armored-glass-plate-panel-cover-smart-home-dimmer-control...) (Year: 2019).\*

Smart Wifi Light Switch, Smartplex Home, amazon.com, published by Smartplex Home on Jan. 2, 2019 © 1996-2019 Amazon.com, Inc., online, site visited Jan. 9, 2020. Available from Internet, URL: <https://www.amazon.com/Smart-Wifi-Light-Switch-Wall/dp/B07MPP13F3> (Year: 2019).\*

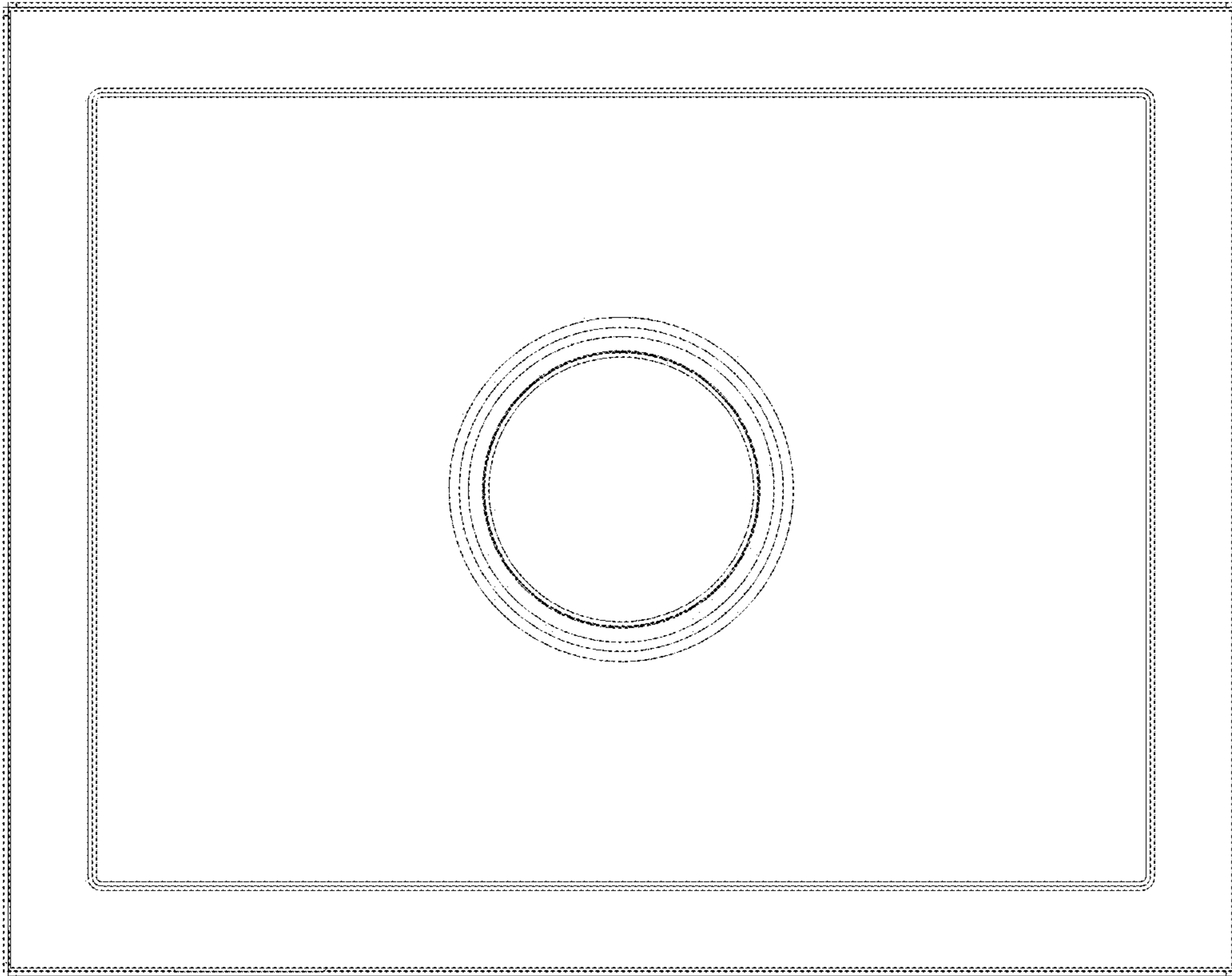
\* cited by examiner



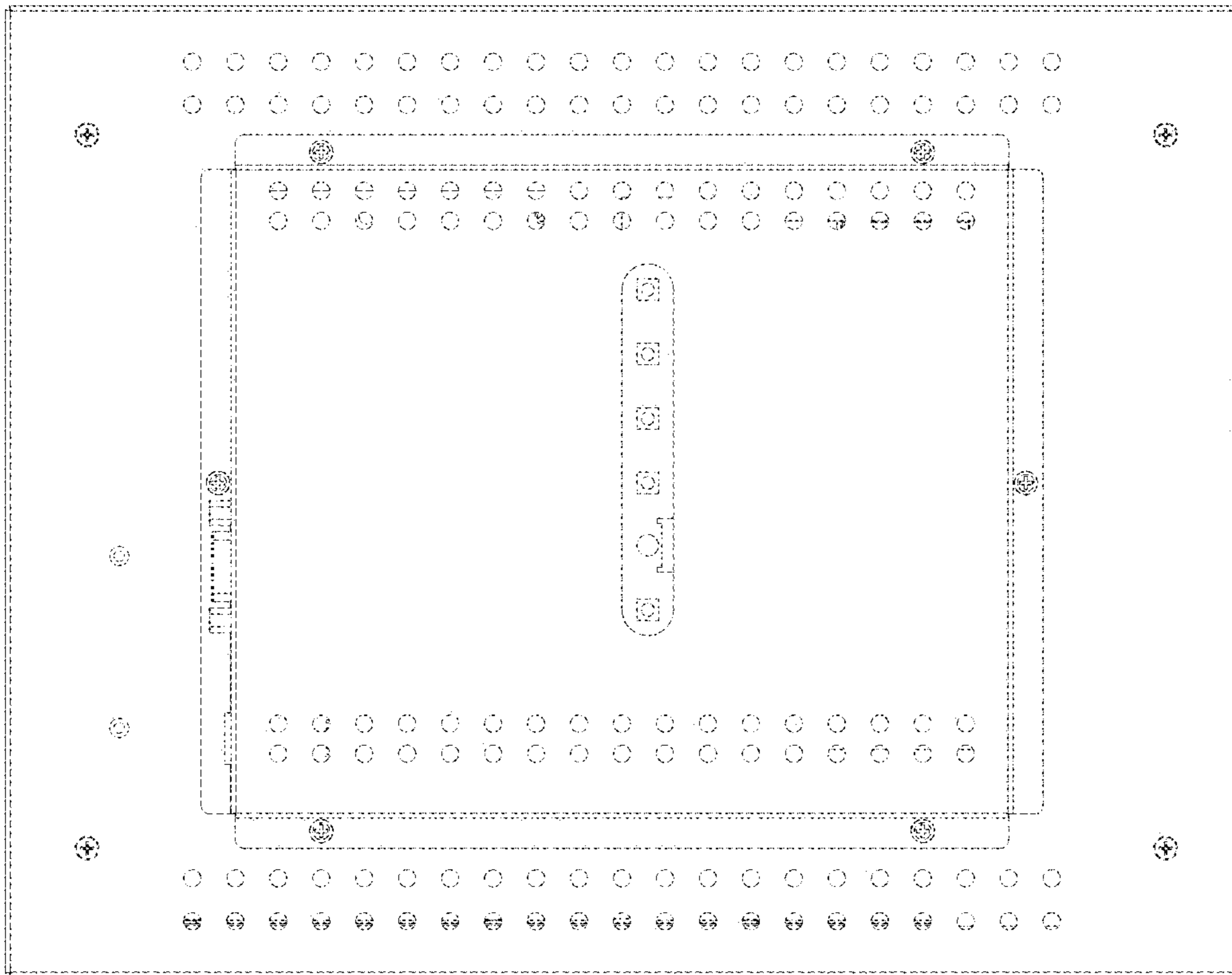
**FIG. 1**



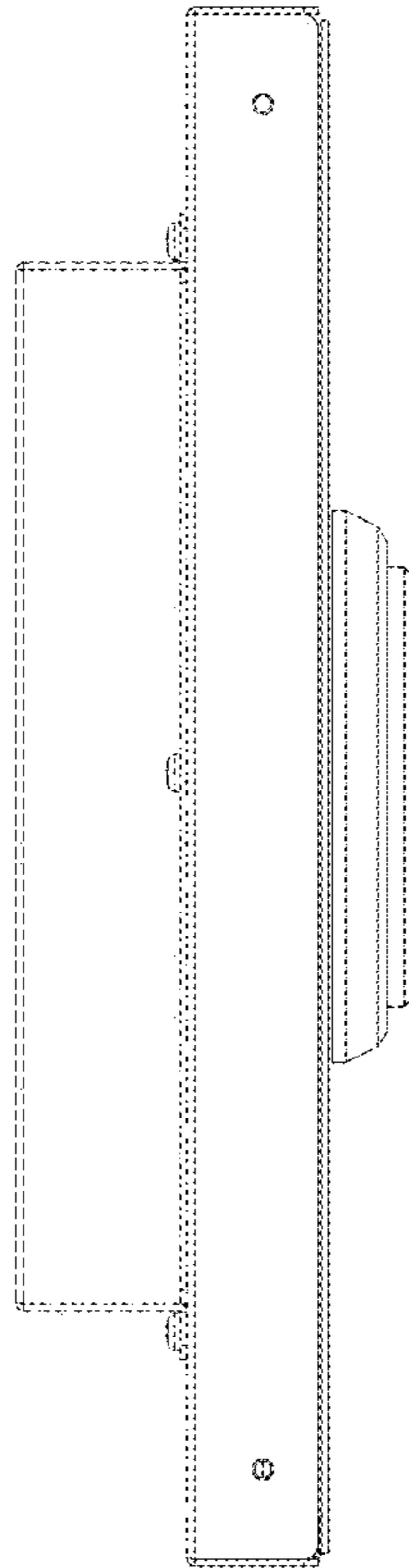
**FIG. 2**



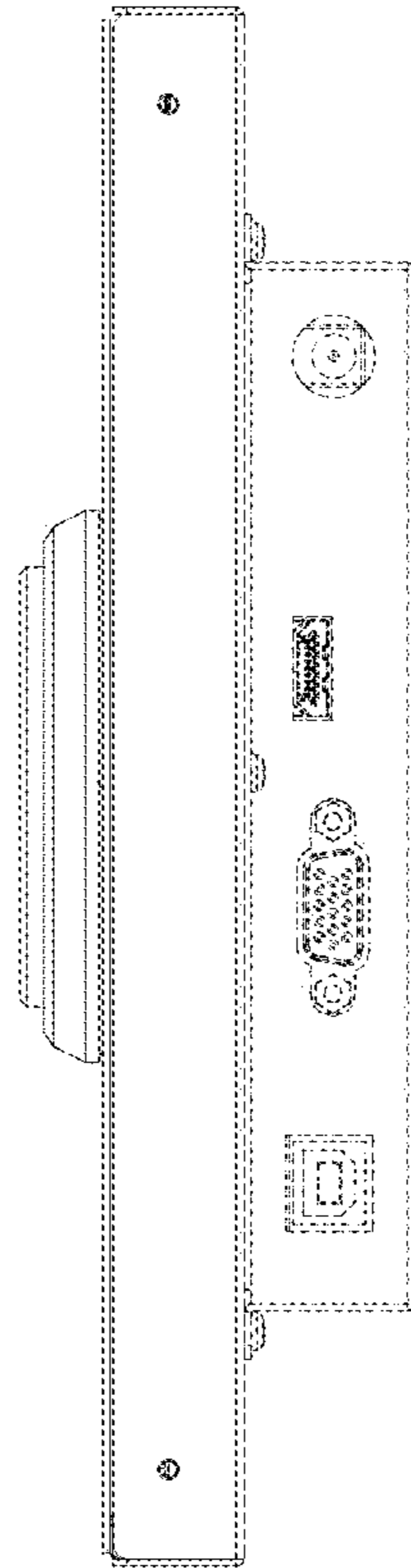
**FIG. 3**



**FIG. 4**



**FIG. 5**



**FIG. 6**



REPLACEMENT SHEET

Application No. 29/635,057

Docket No. DK3552382

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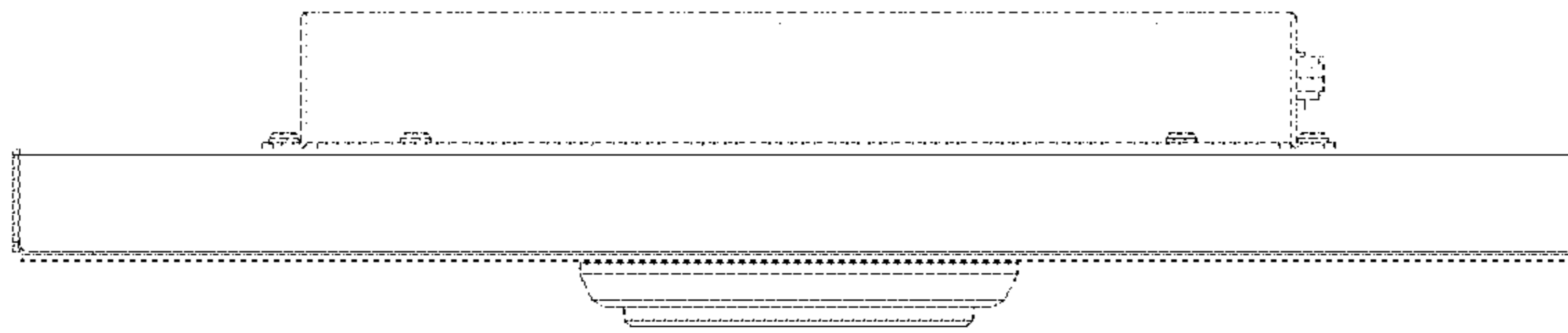
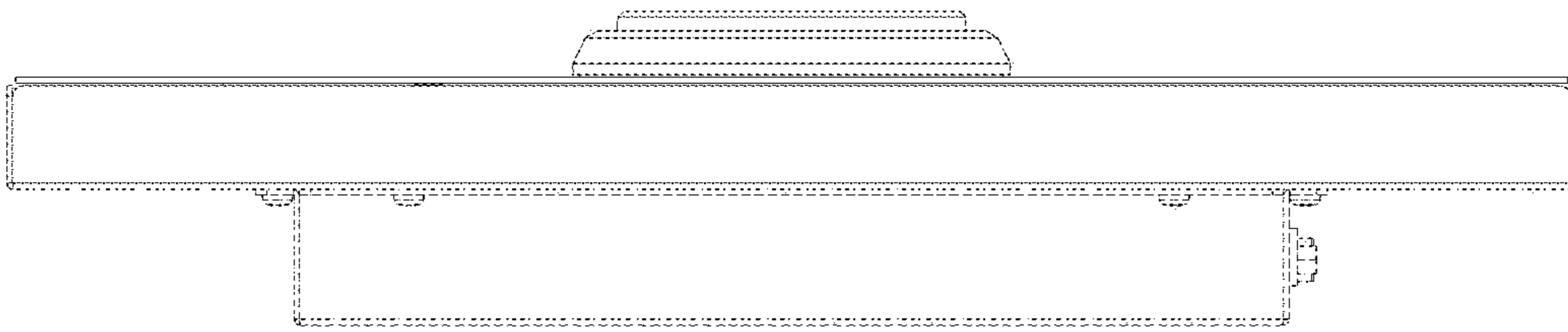


FIG. 7



**FIG. 8**