



US00D883209S

(12) **United States Design Patent** (10) **Patent No.:** **US D883,209 S**
Liao (45) **Date of Patent:** **** May 5, 2020**

(54) **MULTI-FUNCTION CONVERTER**
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HOLDING CO., LTD., Shenzhen (CN)
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Nov. 30, 2018 (CN) 2018 3 0689286

(51) **LOC (12) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/110**

(58) **Field of Classification Search**

USPC D13/103, 104, 107, 110, 112, 119, 120,
D13/133, 156

CPC H01R 13/641; H02B 1/20; H01M 2/1022;
H01M 2/1027; H01M 2/1072; H01M
2/105; H01M 2/1077

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D243,615 S * 3/1977 Kaye D13/103
D680,063 S * 4/2013 Sasada D13/103
D742,312 S * 11/2015 Gupta D13/103
D760,647 S * 7/2016 Chen D13/103
D764,404 S * 8/2016 Lau D13/103
D777,100 S * 1/2017 Price D13/103
D812,556 S * 3/2018 Xu D13/103
D816,606 S * 5/2018 Georgiades D13/108
D823,239 S * 7/2018 Gupta D13/103

D824,385 S * 7/2018 Peiker D14/356
D825,456 S * 8/2018 Daravong D13/103
D837,148 S * 1/2019 Brown D13/108
D838,669 S * 1/2019 Miller D13/108
D839,189 S * 1/2019 Miller D13/108
D842,244 S * 3/2019 Li D13/108
D844,560 S * 4/2019 Miller D13/108
D853,320 S * 7/2019 Guo D13/103
D853,322 S * 7/2019 Xu D13/108
D858,434 S * 9/2019 Park D13/103
D860,129 S * 9/2019 Price D13/103
D860,936 S * 9/2019 Jia D13/108
D861,592 S * 10/2019 Venugopal D13/103
D861,595 S * 10/2019 He D13/103
D862,384 S * 10/2019 Jen D13/108

(Continued)

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(57) **CLAIM**

The ornamental design for a multi-function converter, as shown and described.

DESCRIPTION

FIG. 1 is a top view of a multi-function converter showing my new design;

FIG. 2 is a left side view thereof;

FIG. 3 is a right side view thereof;

FIG. 4 is a bottom view thereof;

FIG. 5 is a front view thereof;

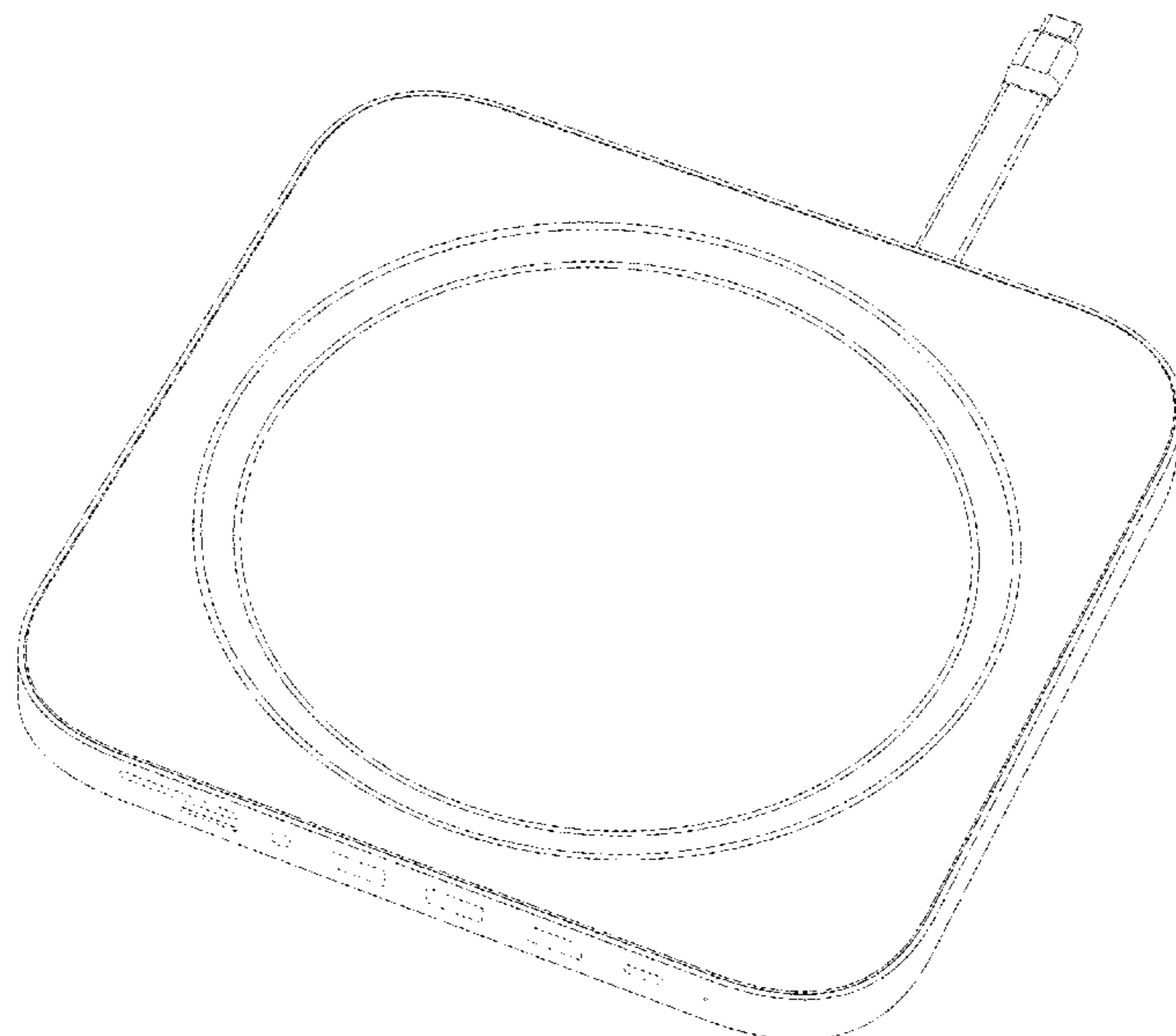
FIG. 6 is a rear view thereof;

FIG. 7 is a top, front, left side perspective view thereof; and,

FIG. 8 is a top, rear, right side perspective view of the multi-function converter of FIGS. 1-7 showing in a deployed configuration.

The broken lines shown in the drawings illustrate portions of the multi-function converter that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D864,861 S * 10/2019 Roberts D13/108
D867,280 S * 11/2019 Chen D13/103

* cited by examiner

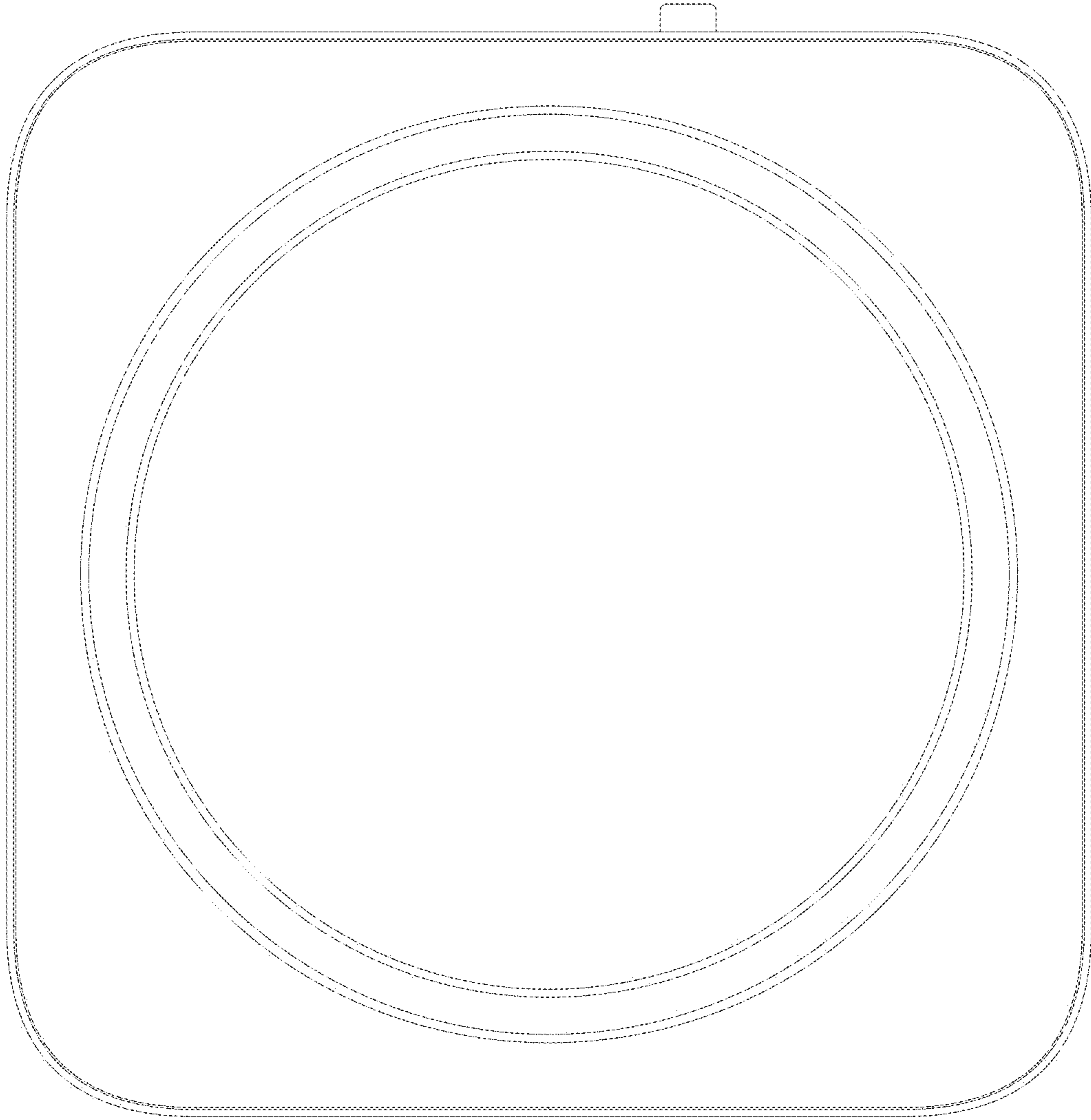


Fig 1

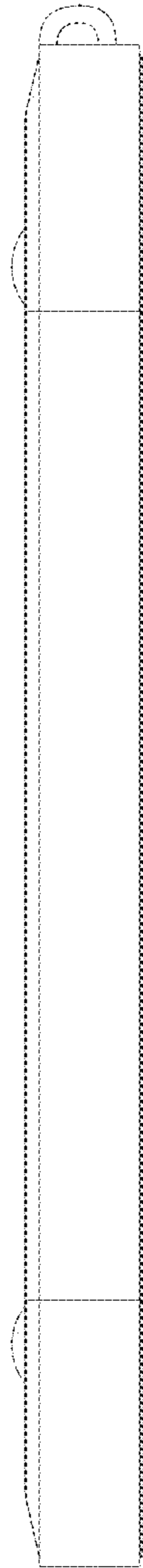


Fig 2

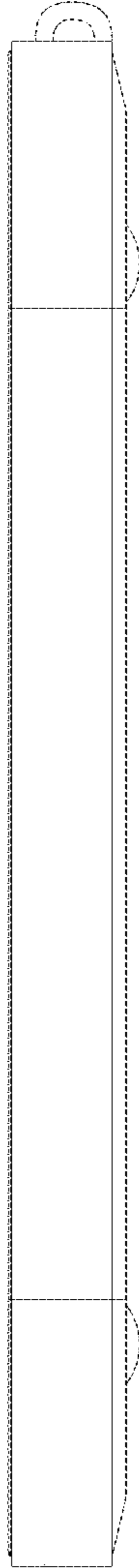


Fig 3

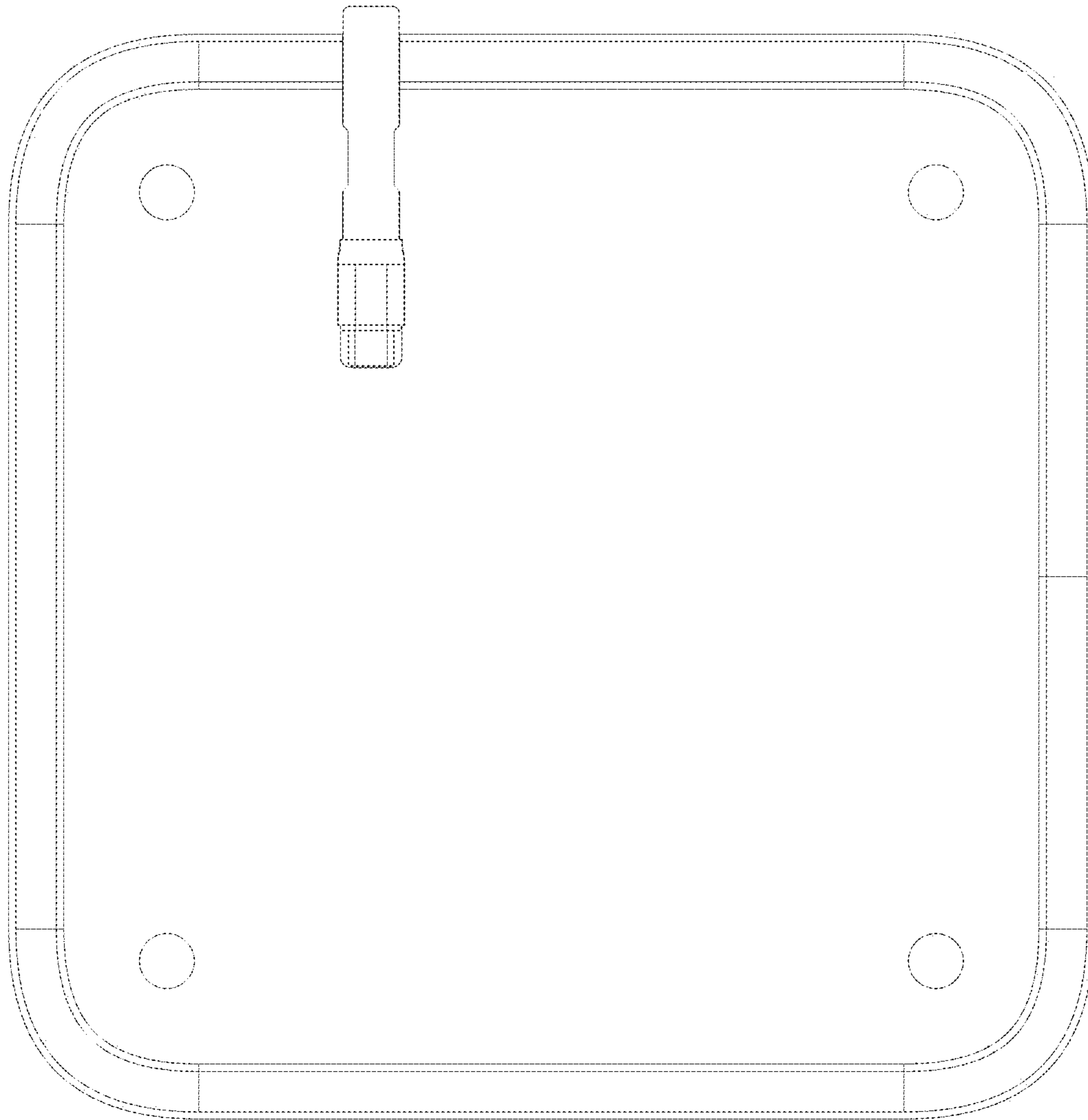


Fig 4

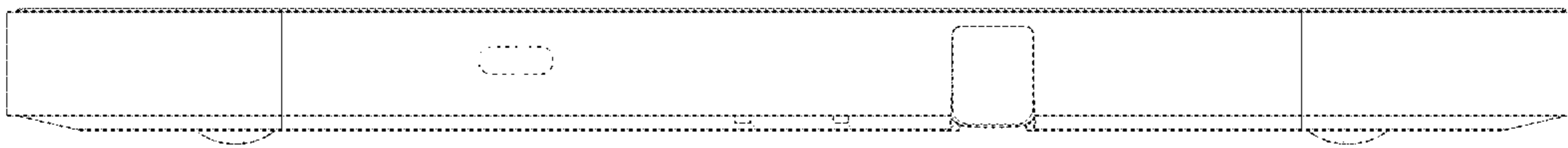


Fig 5

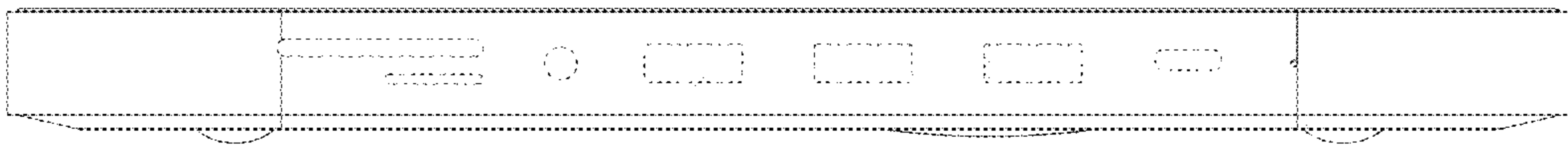


Fig 6

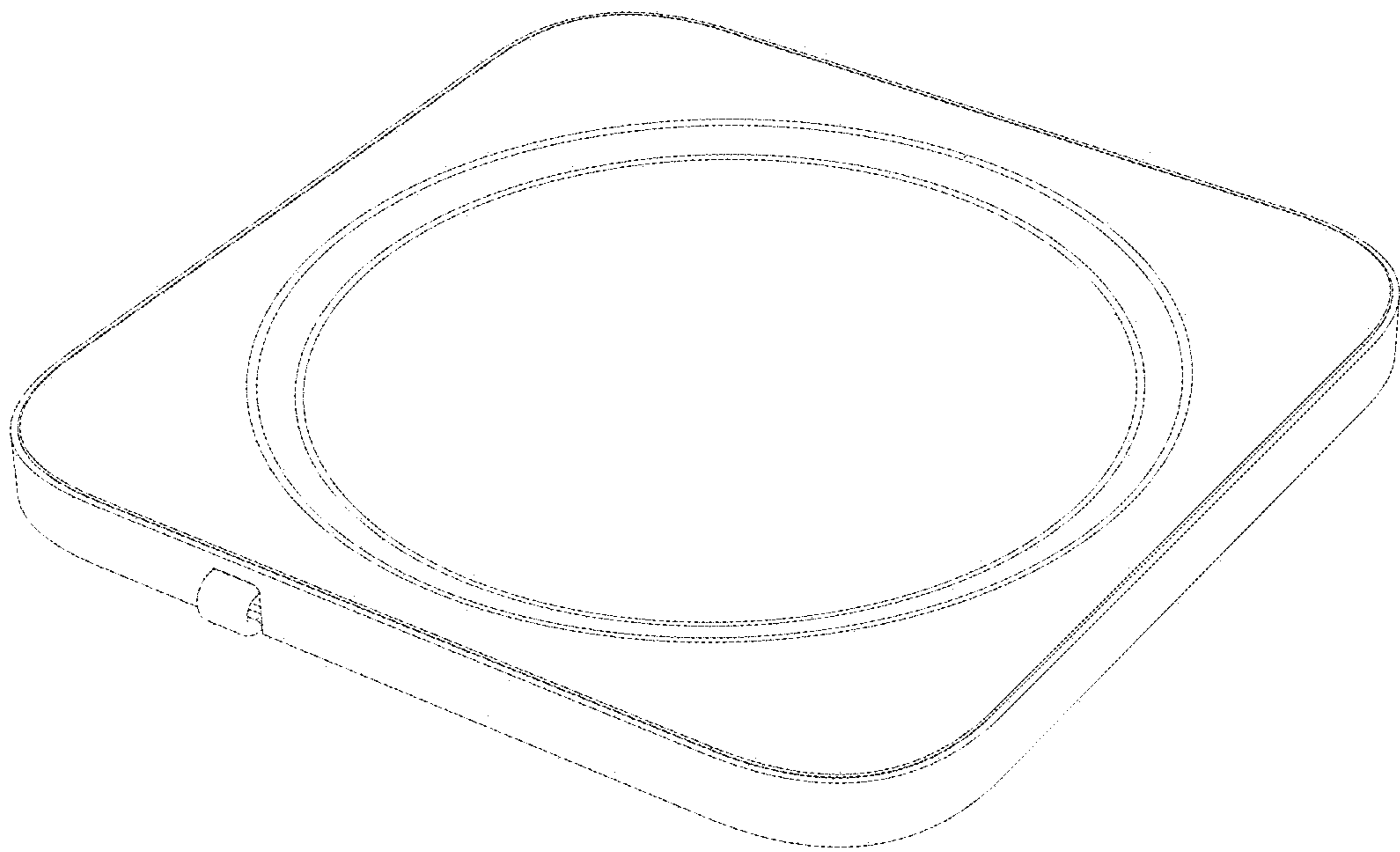


Fig 7

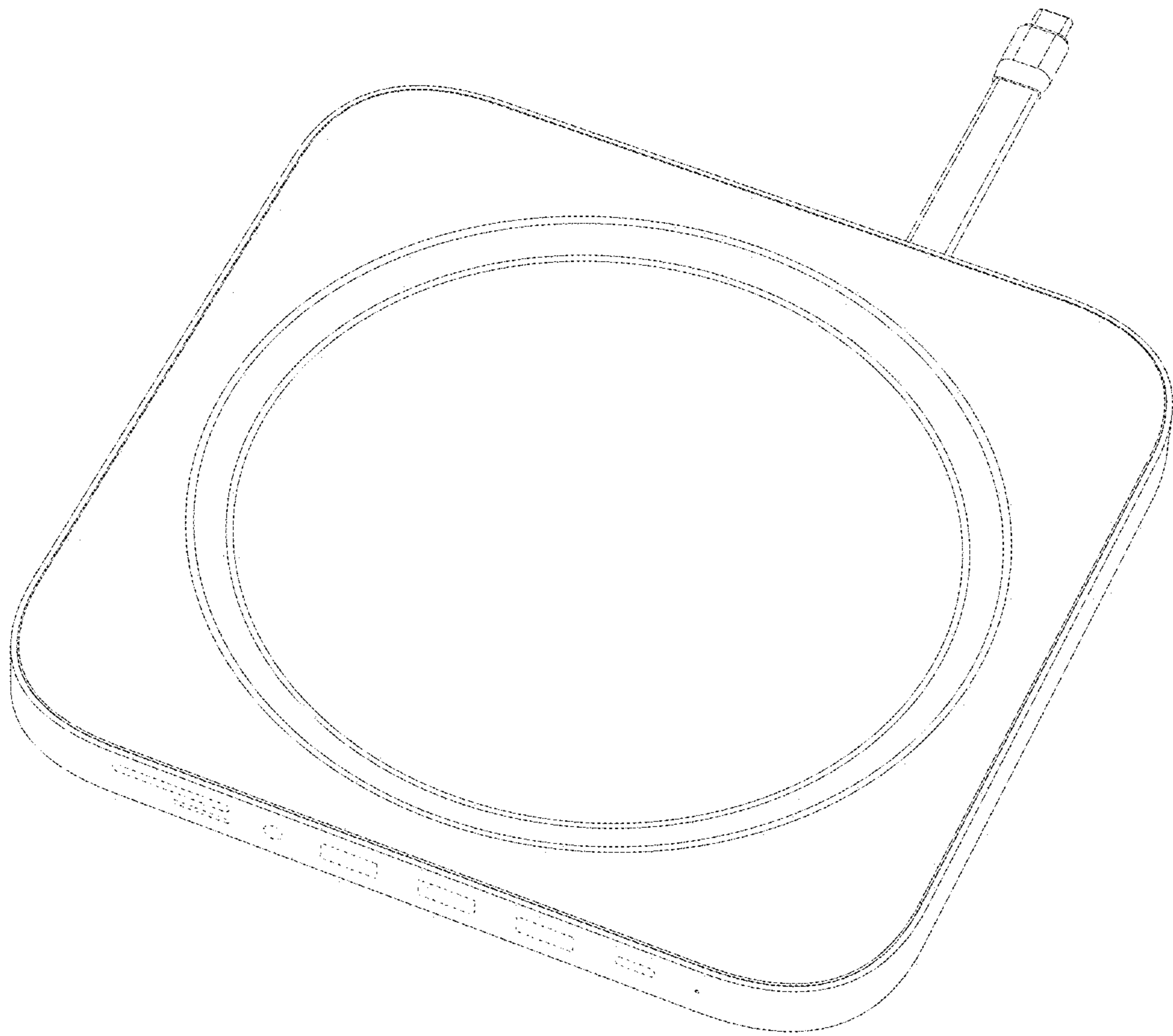


Fig 8