



US00D977353S

(12) **United States Design Patent** (10) **Patent No.:** **US D977,353 S**  
**Poel** (45) **Date of Patent:** **\*\* \*Feb. 7, 2023**

(54) **FIRE DETECTION DEVICE WITH PART**

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(73) Assignee: **Wagner Group GmbH**, Langenhagen (DE)

(\*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/579,170**

(22) Filed: **Sep. 28, 2016**

(30) **Foreign Application Priority Data**

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(51) **LOC (14) Cl.** ..... **10-05**

(52) **U.S. Cl.**  
USPC ..... **D10/106.2**

(58) **Field of Classification Search**  
USPC ..... D10/106.1, 106.2, 106.3, 106.4, 106.6,  
D10/106.7, 106.8, 106.9, 106.95, 109.1,  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D210,174 S \* 2/1968 Franczek ..... D10/106.1  
D253,753 S \* 12/1979 Poel ..... D10/106.2  
(Continued)

**OTHER PUBLICATIONS**

Available Apr. 29, 2019, [online], [site visited Apr. 29, 2019].  
Available from Internet, <URL:https://www.sec-for-prof.de/firmenprofil/  
brandmeldetechnik/wagner-group-gmbh> (Year: 2019).\*

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*Primary Examiner* — Katrina N Gonzalez

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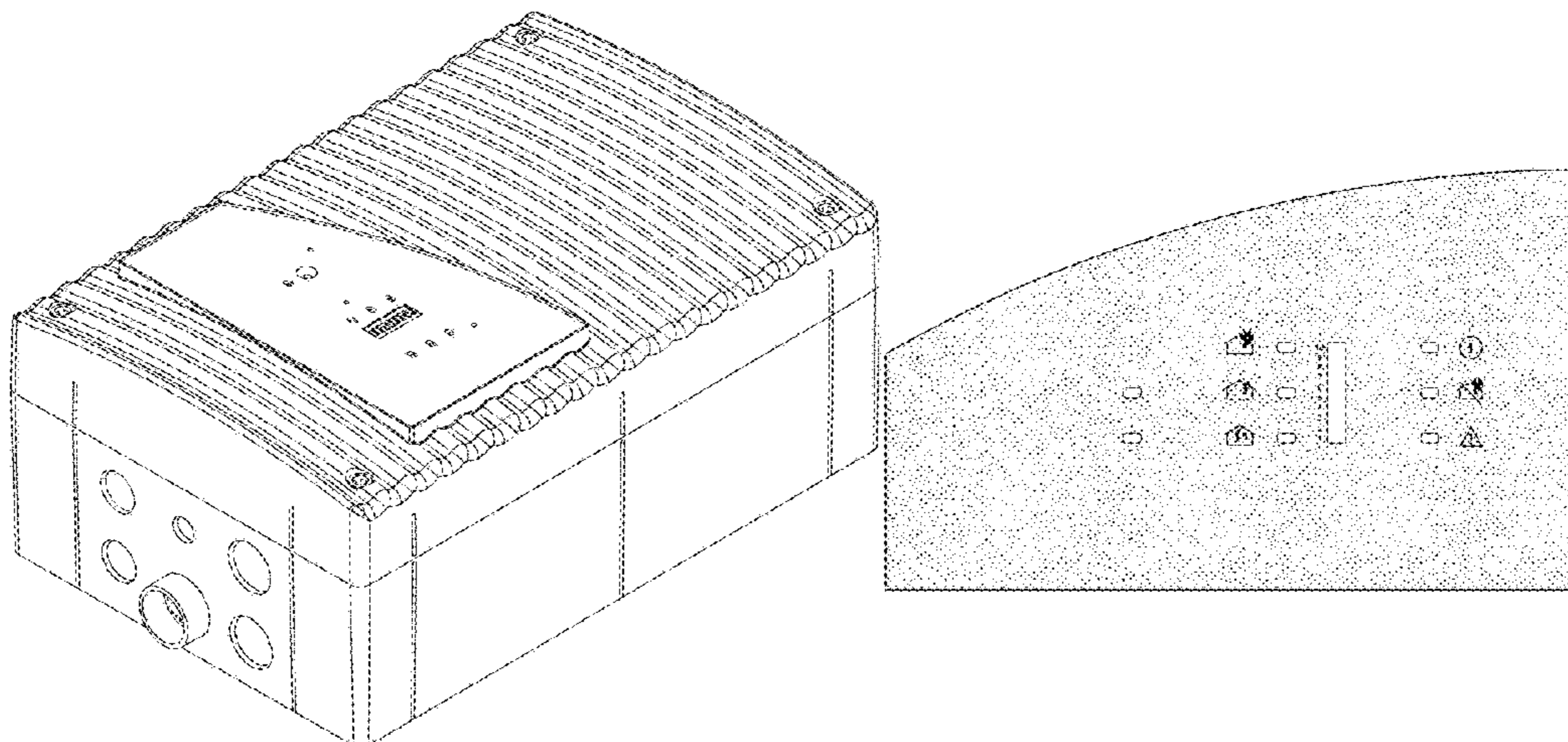
(57) **CLAIM**

The ornamental design for a fire detection device with part, as shown and described.

**DESCRIPTION**

FIG. 1 is a bottom, front and right side perspective view of a fire detection device with part embodying the new design; FIG. 2 is a top, front and left side perspective view thereof; FIG. 3 is a front elevational view thereof; FIG. 4 is a bottom, rear and left side perspective view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a left side elevational view thereof; FIG. 7 is a rear elevational view thereof; FIG. 8 is a bottom plan view thereof; FIG. 9 is a top plan view thereof; FIG. 10 is a front view of the first embodiment of a part for a fire detection device shown in FIGS. 1-9; FIG. 11 is a front view of the second embodiment of a part for a fire detection device shown in FIGS. 1-9; FIG. 12 is a front view of the third embodiment of a part for a fire detection device shown in FIGS. 1-9; FIG. 13 is a front view of the fourth embodiment of a part for a fire detection device shown in FIGS. 1-9; FIG. 14 is a front view of the fifth embodiment of a part for a fire detection device shown in FIGS. 1-9; FIG. 15 is a front view of the sixth embodiment of a part for a fire detection device shown in FIGS. 1-9; FIG. 16 is a front view of the seventh embodiment of a part for a fire detection device shown in FIGS. 1-9; FIG. 17 is a front view of the eighth embodiment of a part for a fire detection device shown in FIGS. 1-9; FIG. 18 is a front view of the ninth embodiment of a part for a fire detection device shown in FIGS. 1-9; FIG. 19 is a front view of the tenth embodiment of a part for a fire detection device shown in FIGS. 1-9; FIG. 20 is a front view of the eleventh embodiment of a part for a fire detection device shown in FIGS. 1-9; and, FIG. 21 is a front view of the twelfth embodiment of a part for a fire detection device shown in FIGS. 1-9.

(Continued)



The broken lines illustrate portions of the fire detection device with part that form no part of the claimed design. The stipple shading represents a contrast in appearance.

**1 Claim, 15 Drawing Sheets**

(58) **Field of Classification Search**

USPC ..... D10/109.2, 114.1, 114.2, 114.7, 116.1, D10/120, 121; 340/297, 299, 302, 521, 340/540, 541, 542, 543, 544, 545, 555, 340/556, 558, 571, 572, 573; 392/423; 134/21, 362, 276; 428/192, 178, 99.1  
 CPC .... H03J 1/0025; H03J 9/00; H03J 9/02; H03J 9/04; H03J 9/06; H01H 9/0235; H04B 1/202; G05B 11/01; G08B 5/36; G08B 17/06; G08B 17/10; G08B 5/38

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D260,741 S \* 9/1981 Lam ..... D10/106.1  
 D275,376 S \* 9/1984 Schwartz ..... D10/106.3  
 D346,755 S \* 5/1994 Soloway ..... D10/106.95  
 D410,586 S \* 6/1999 Olsen ..... D10/106.2  
 D412,677 S \* 8/1999 Cottet ..... D10/106.2  
 D412,678 S \* 8/1999 Smith ..... D10/106.1  
 D419,093 S \* 1/2000 Reekie ..... D10/106.1  
 6,100,789 A \* 8/2000 Mizukami ..... H05K 5/0017  
 340/287  
 D437,244 S \* 2/2001 Weirsmann ..... D10/106.1  
 D447,974 S \* 9/2001 Koyano ..... D10/106.2  
 D478,832 S \* 8/2003 Dippie ..... D10/106.1

D510,535 S \* 10/2005 Sandell ..... D10/106.7  
 D516,446 S \* 3/2006 Chen ..... D10/106.1  
 D611,863 S \* 3/2010 Kato ..... D10/106.2  
 D629,495 S \* 12/2010 Phagoo ..... D10/116.1  
 D629,785 S \* 12/2010 Yachida ..... D14/155  
 D630,538 S \* 1/2011 Tokutake ..... D10/106.95  
 D708,087 S \* 7/2014 Yu ..... D10/120  
 D717,194 S \* 11/2014 Nishina ..... D10/106.95  
 D745,833 S \* 12/2015 Counts ..... D10/106.95  
 D759,524 S \* 6/2016 Koester ..... D10/106.95  
 D772,749 S \* 11/2016 Parker ..... D10/118.2  
 D815,621 S \* 4/2018 Anderson ..... D14/230  
 D820,293 S \* 6/2018 Poel ..... D14/486  
 D826,760 S \* 8/2018 Deyaf ..... D10/106.1  
 D829,584 S \* 10/2018 King ..... D10/104.1  
 D915,234 S \* 4/2021 Xiong ..... D10/106.2  
 2006/0164234 A1 \* 7/2006 Acar ..... G08B 25/003  
 340/539.1

OTHER PUBLICATIONS

Available Sep. 29, 2014, [online], [site visited Apr. 29, 2019]. Available from Internet, <URL:https://www.baulinks.de/webplugin/2014/1634.php4> (Year: 2014).\*

Available Apr. 29, 2019, [online], [site visited Apr. 29, 2019]. Available from Internet, <URL:http://www.wagner-france.com/uploads/tx\_wdownloads/WAGNER\_TITANUS\_Familie\_FR\_01.pdf> (Year: 2019).\*

Available Dec. 27, 2014, [online], [site visited Apr. 29, 2019]. Available from Internet, <URL:https://web.archive.org/web/20141227210523/http://www.wagner-france.com/produits/branderkennung20/> (Year: 2014).\*

Available Aug. 5, 2015, [online], [site visited Apr. 29, 2019]. Available from Internet, <URL:https://www.deutsches-ingenieurblatt.de/news/news-detail/10228-sensibler-ansaugrauchmelder-zur-brandfrueherkennung/> (Year: 2015).\*

\* cited by examiner

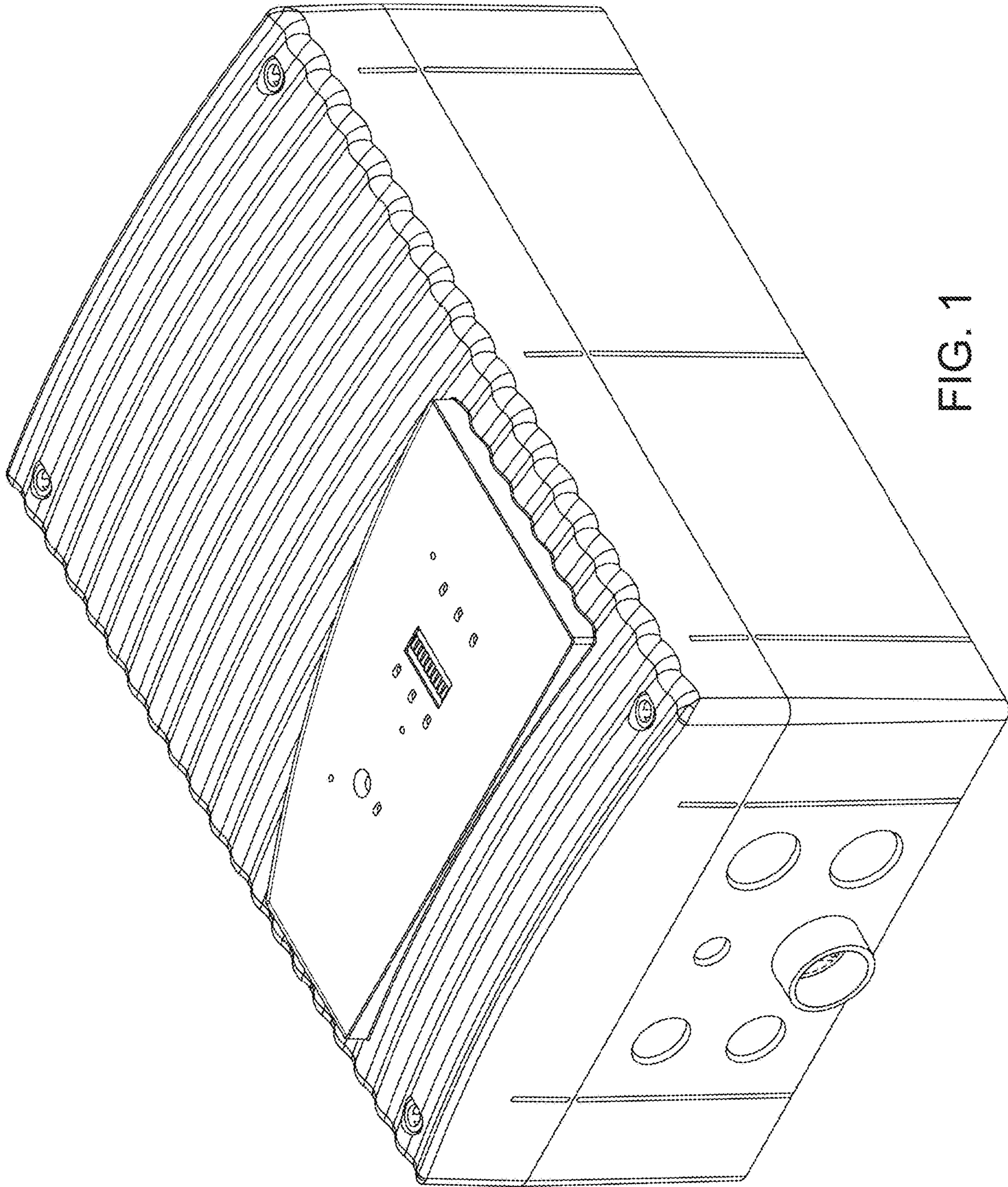


FIG. 1

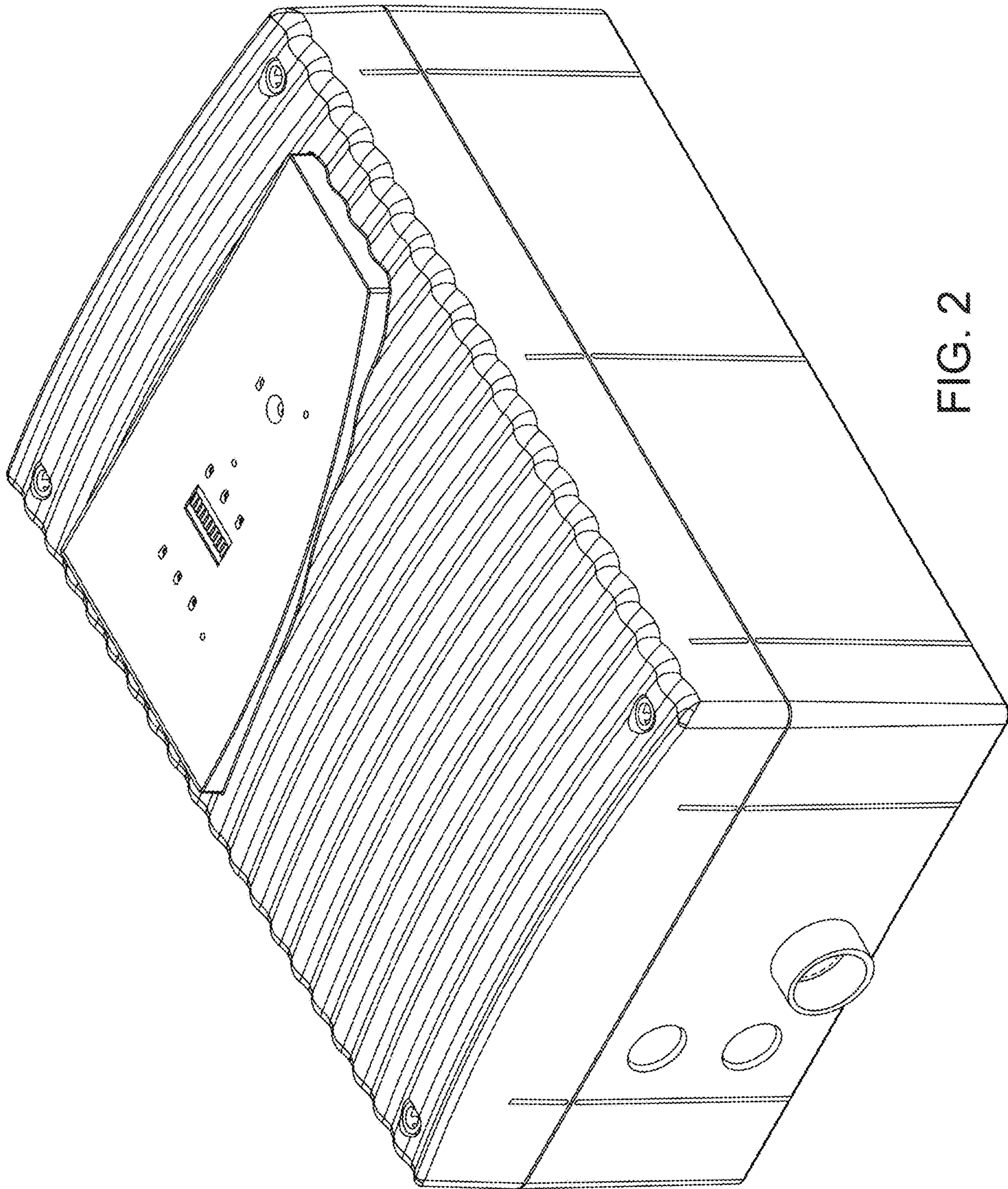


FIG. 2

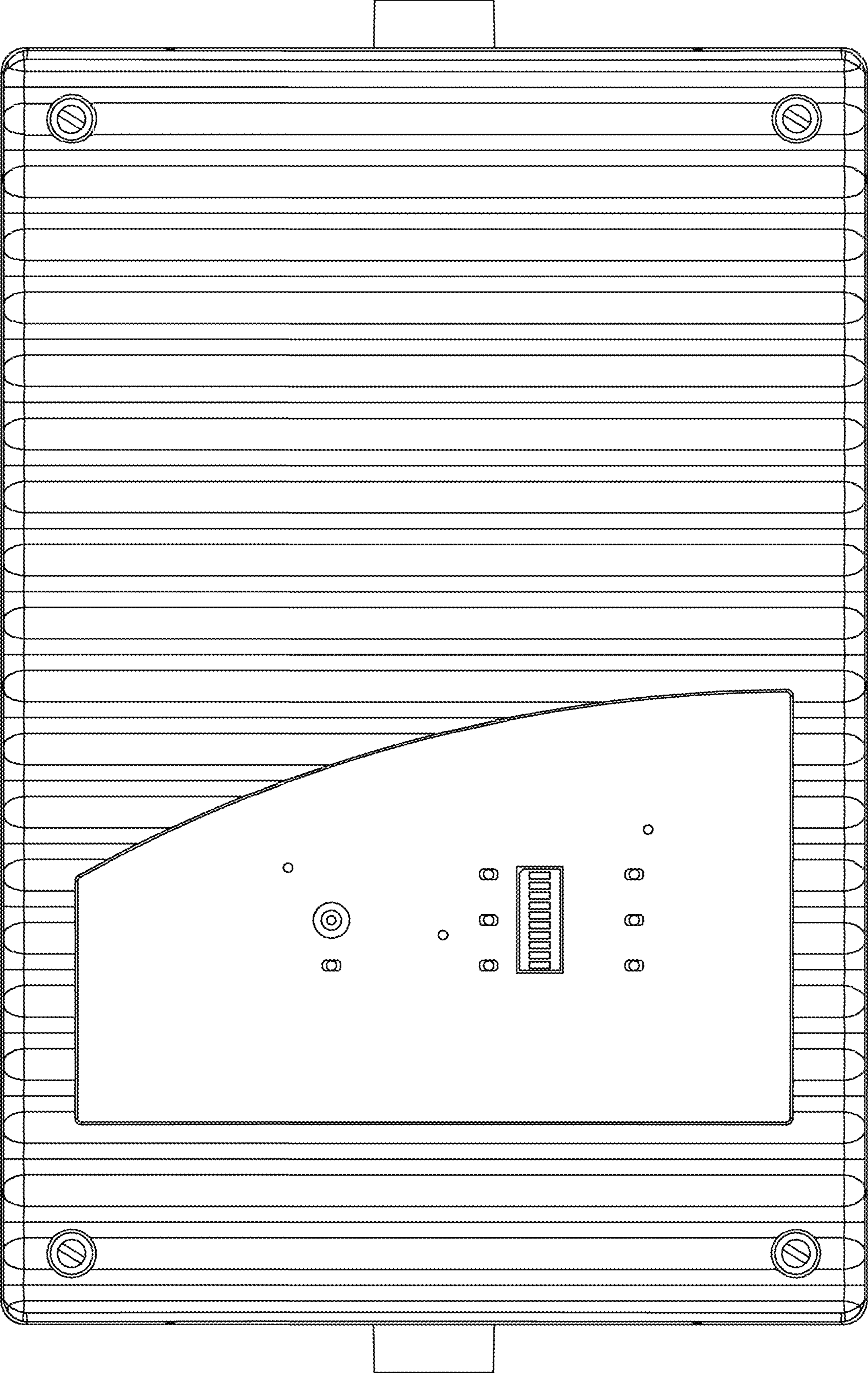


FIG. 3

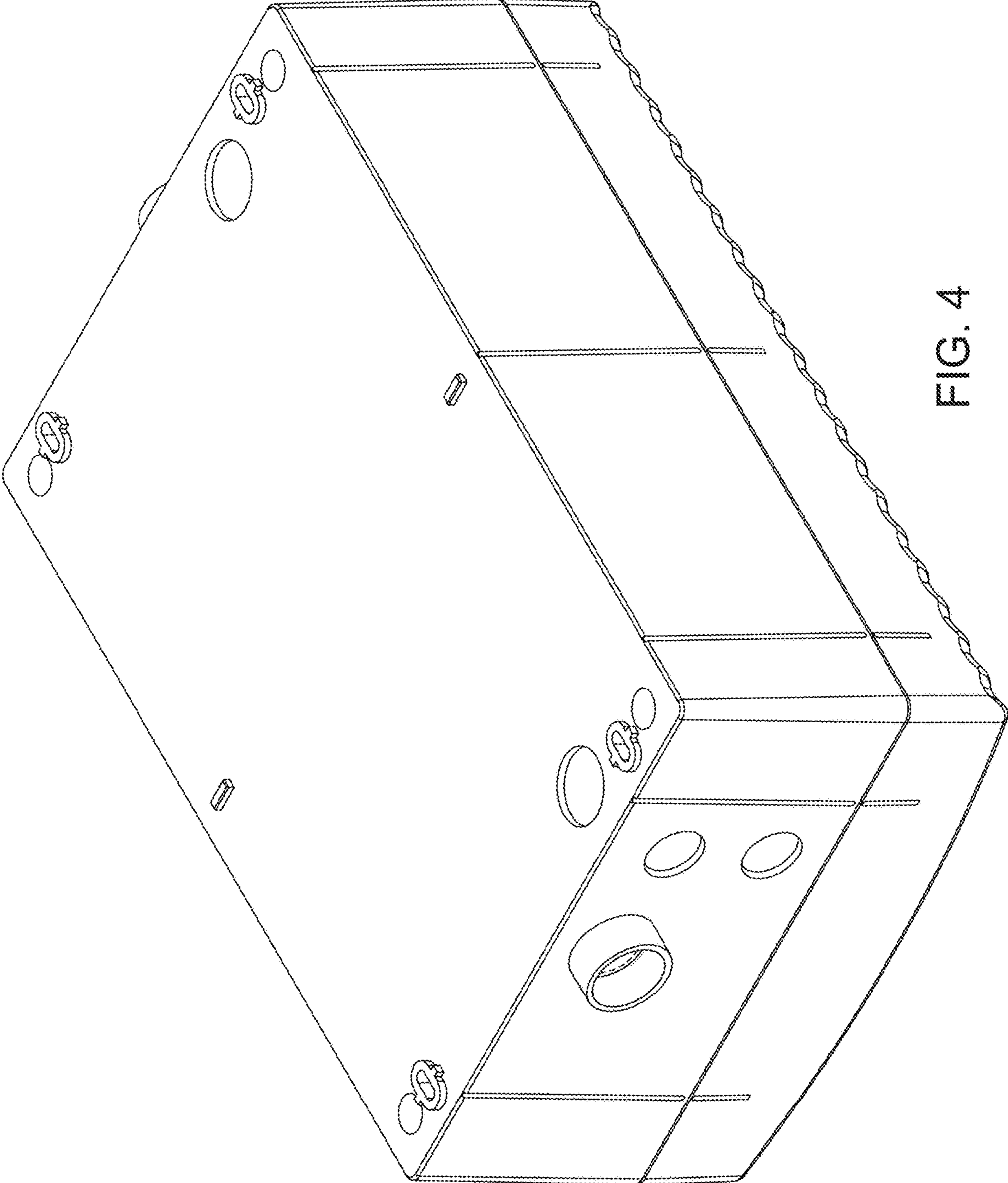


FIG. 4

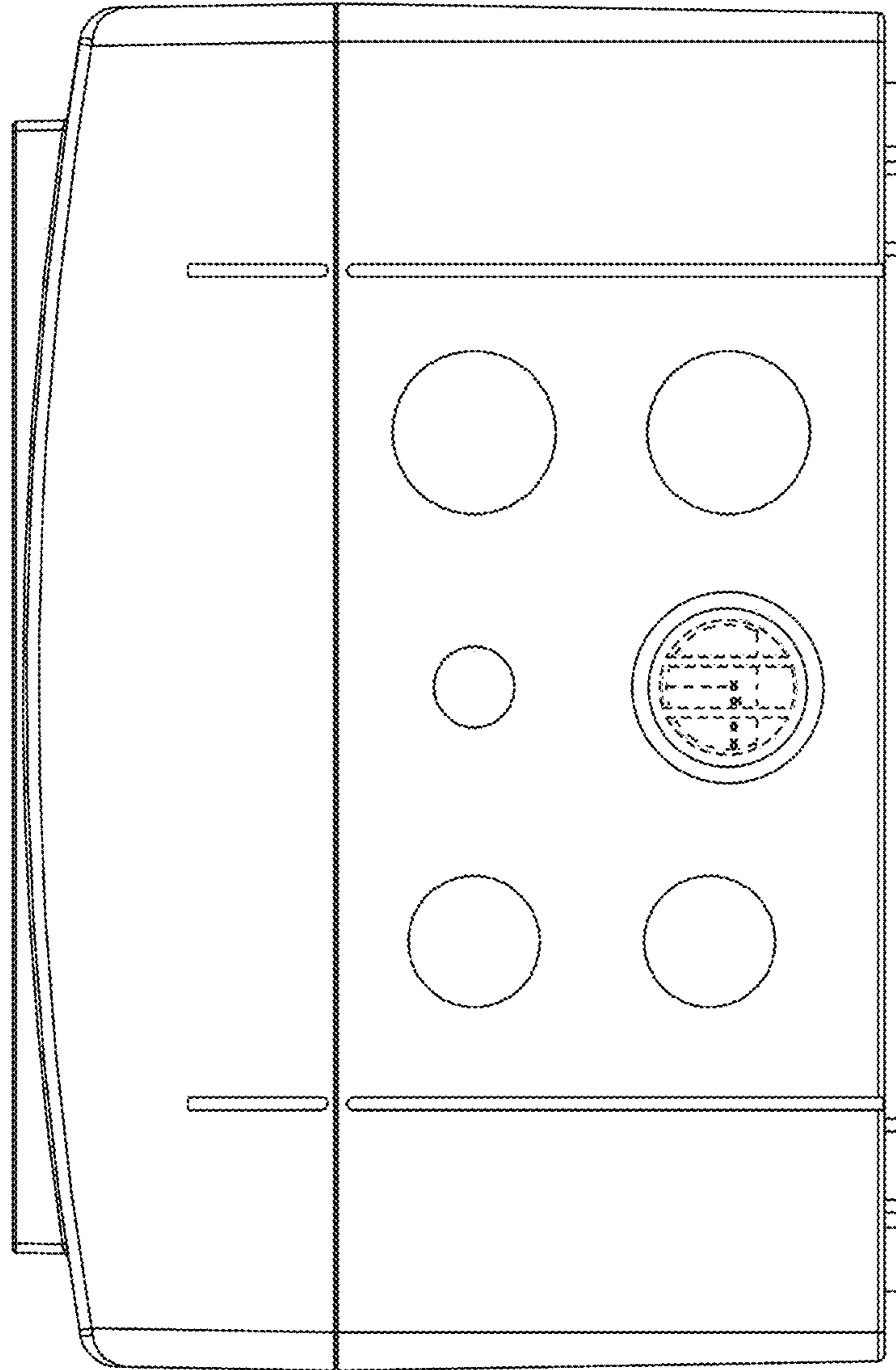


FIG. 5

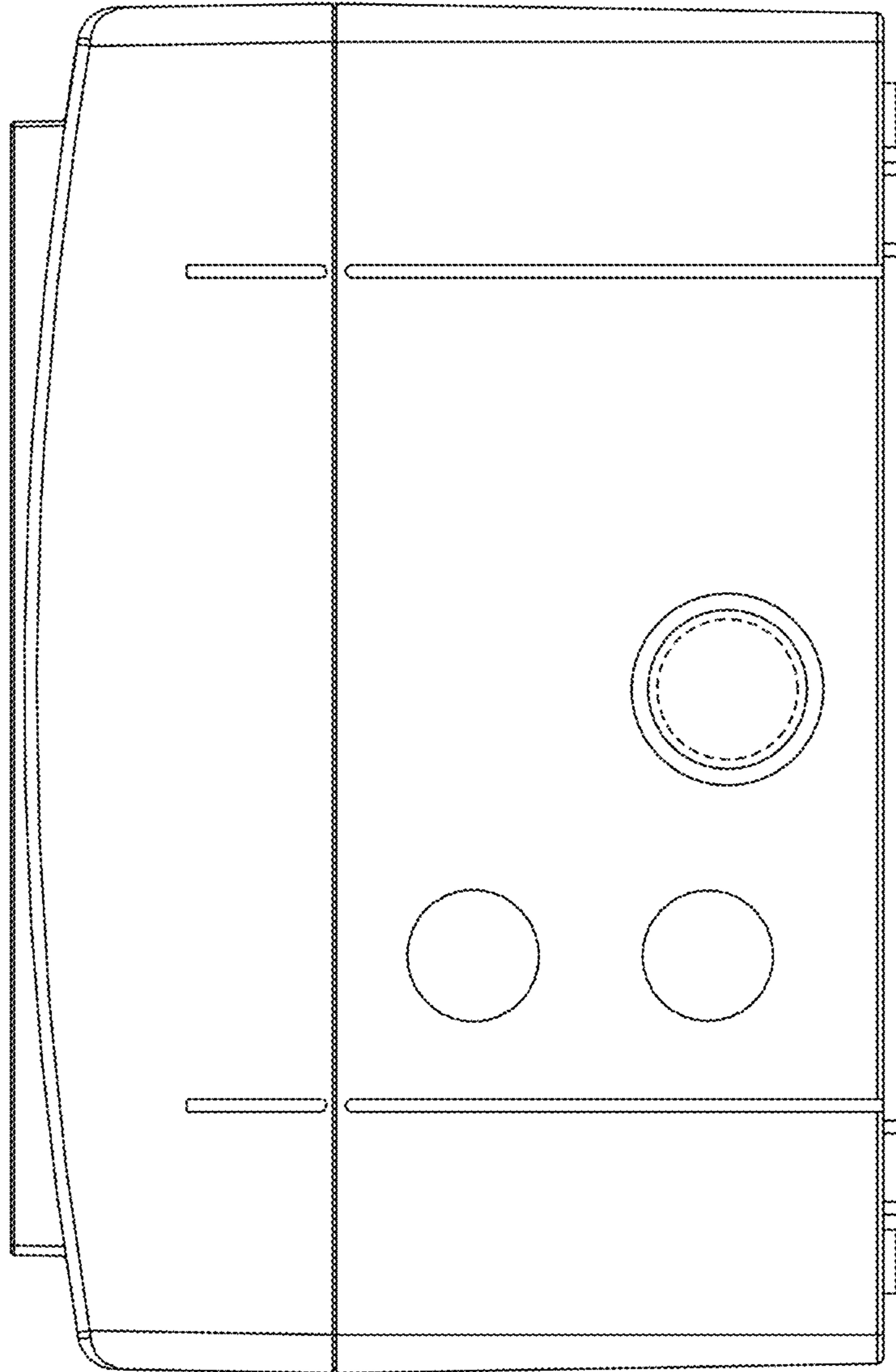


FIG. 6



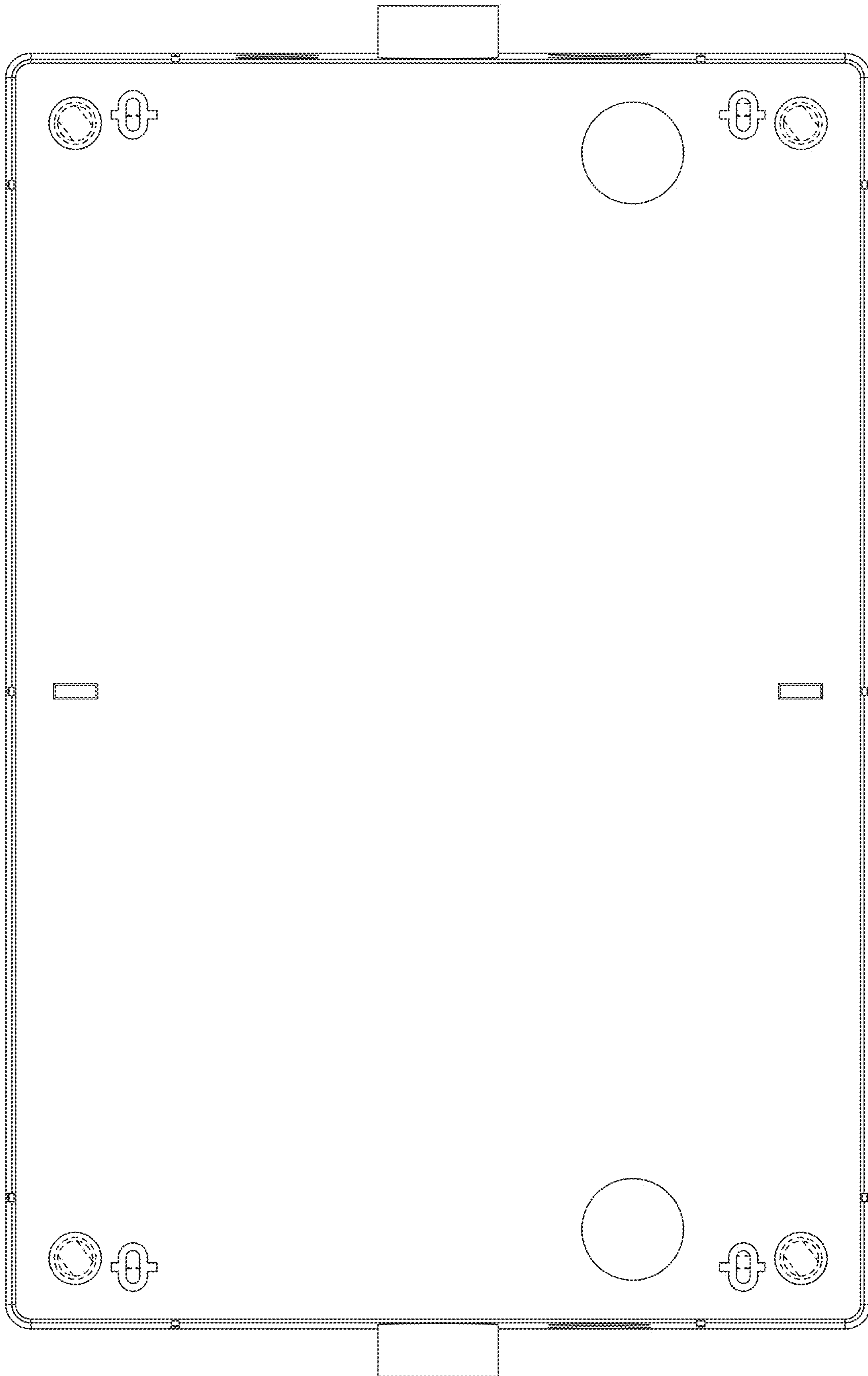


FIG. 7

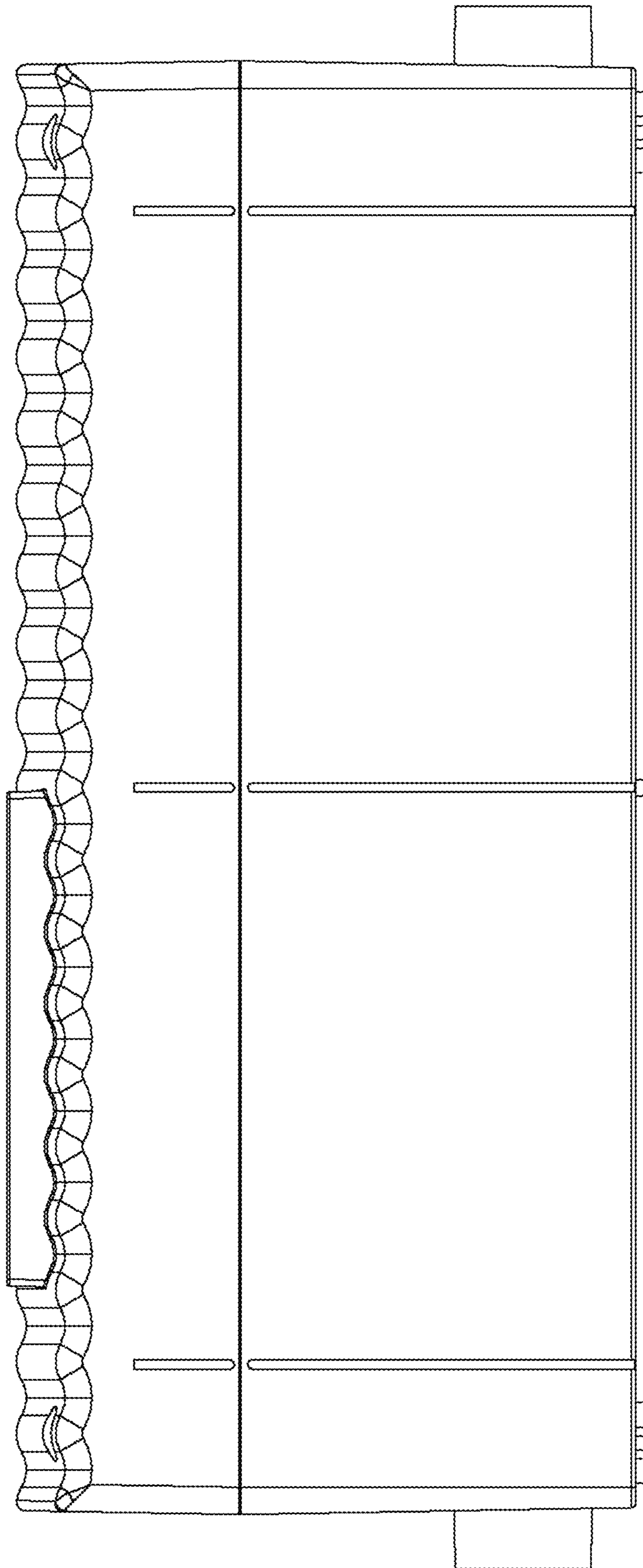


FIG. 8

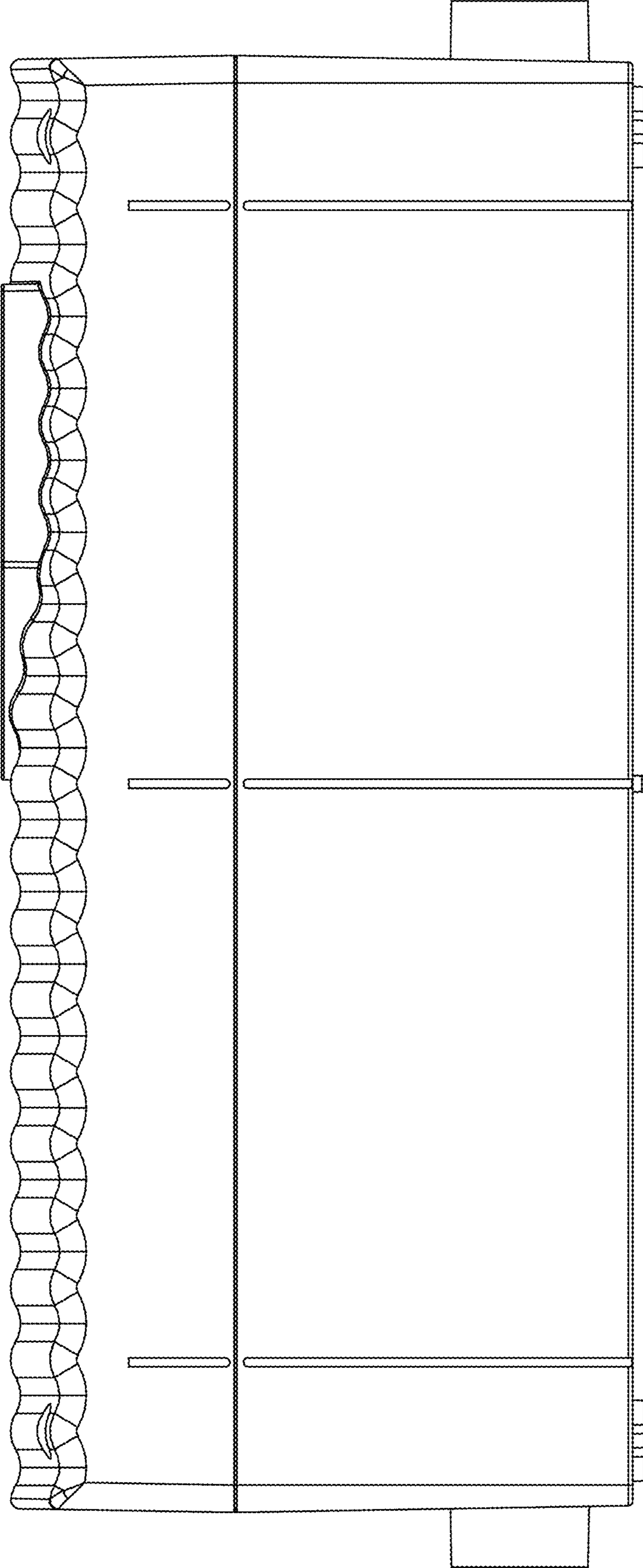


FIG. 9

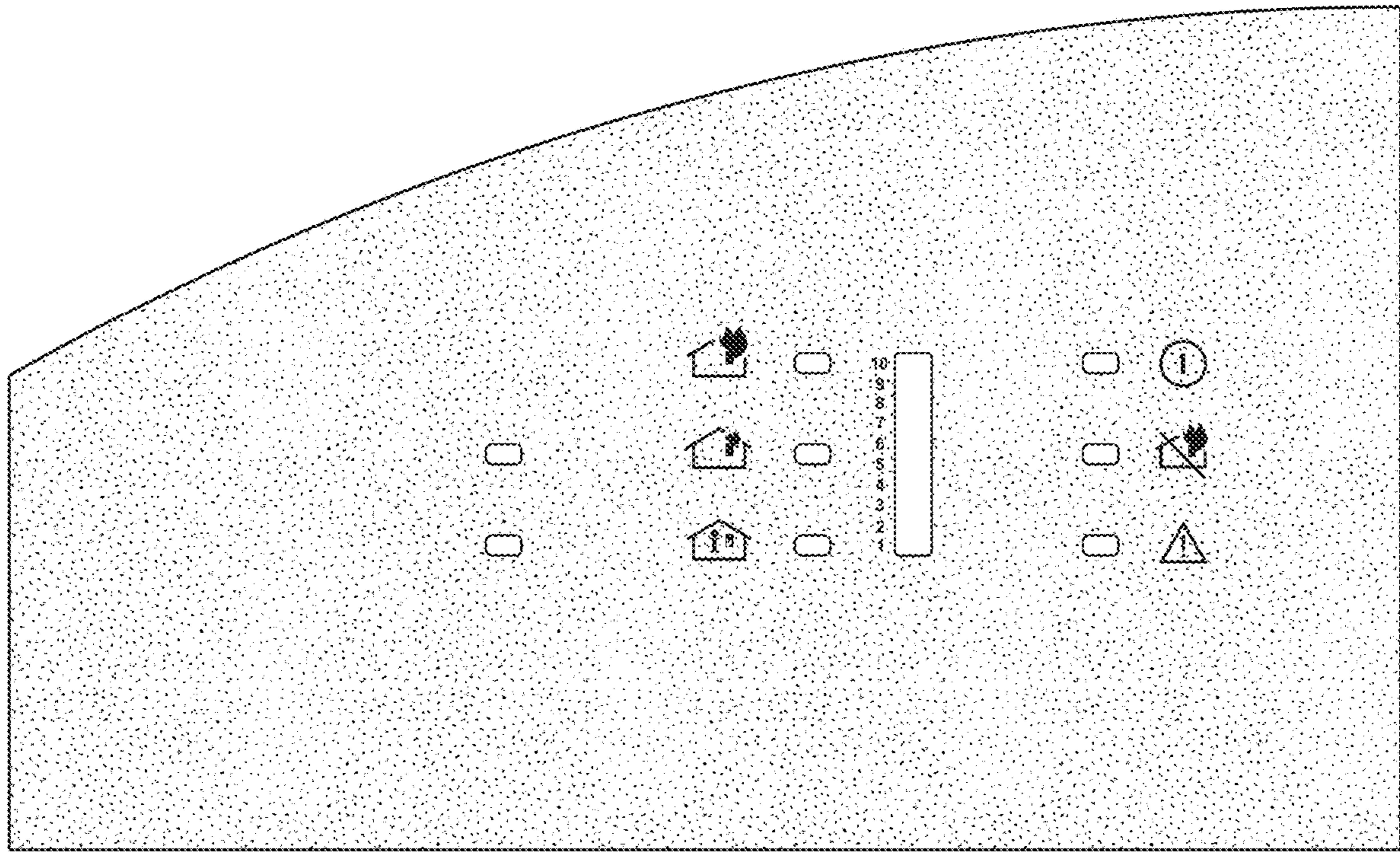


FIG. 10

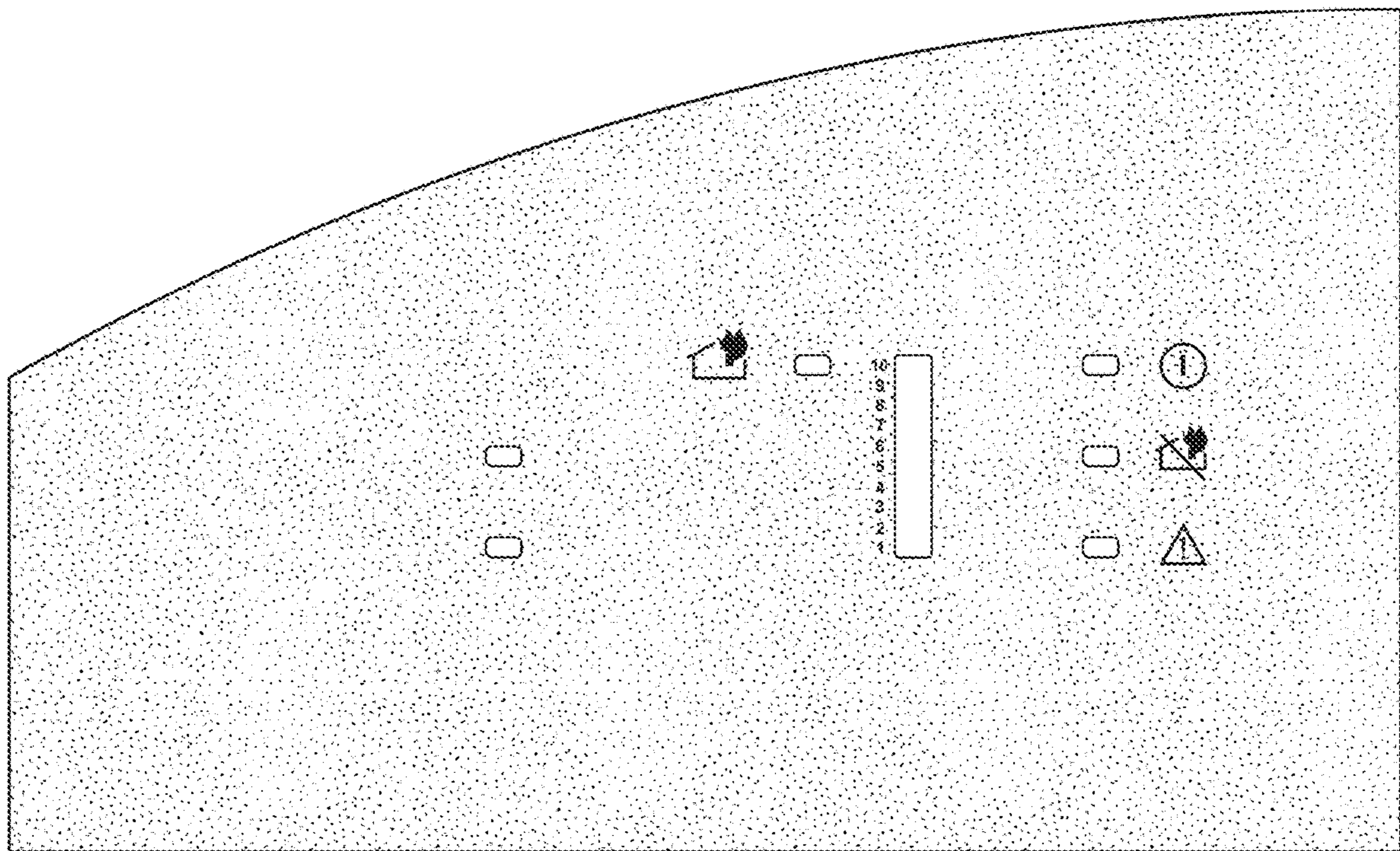


FIG. 11

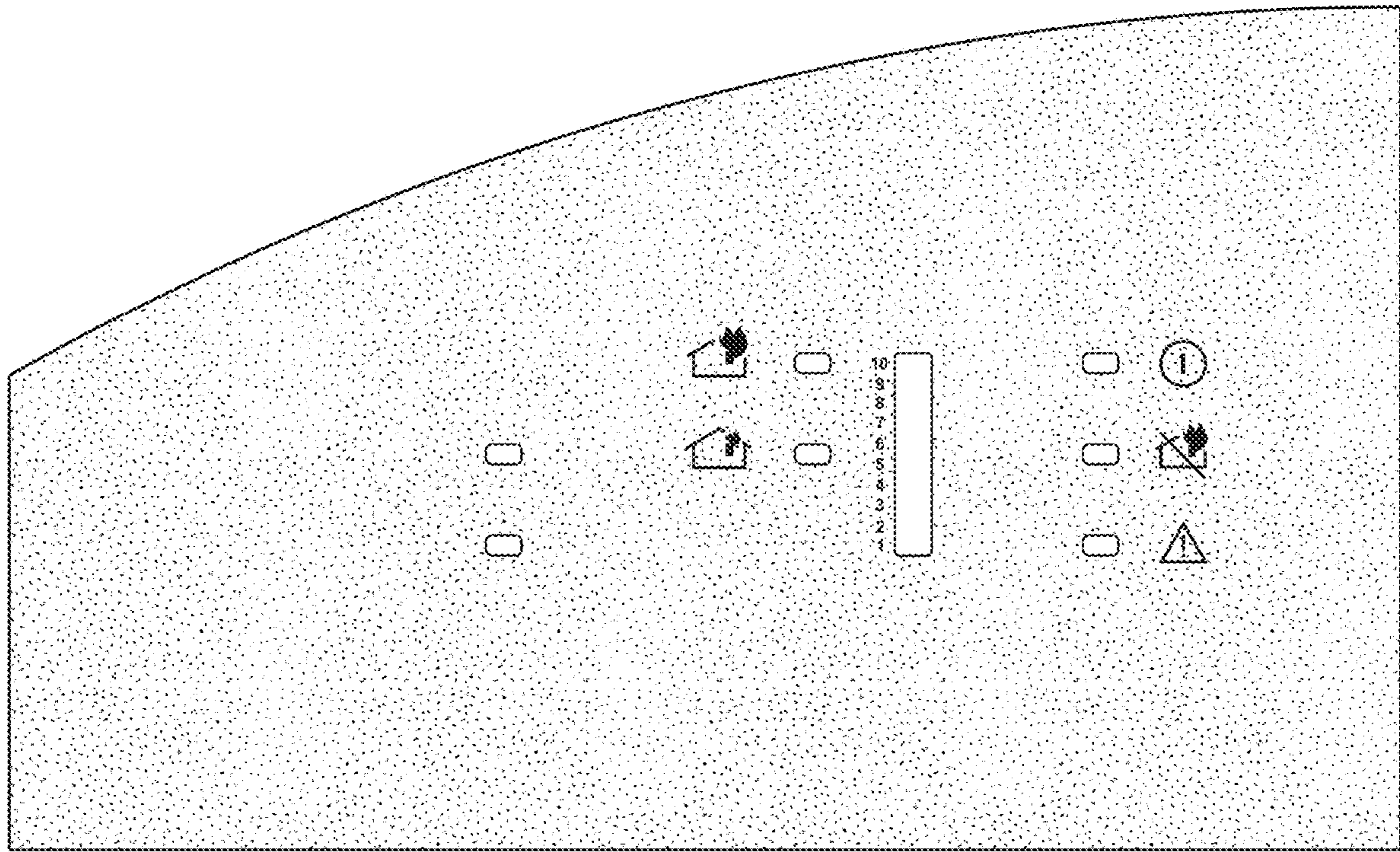


FIG. 12

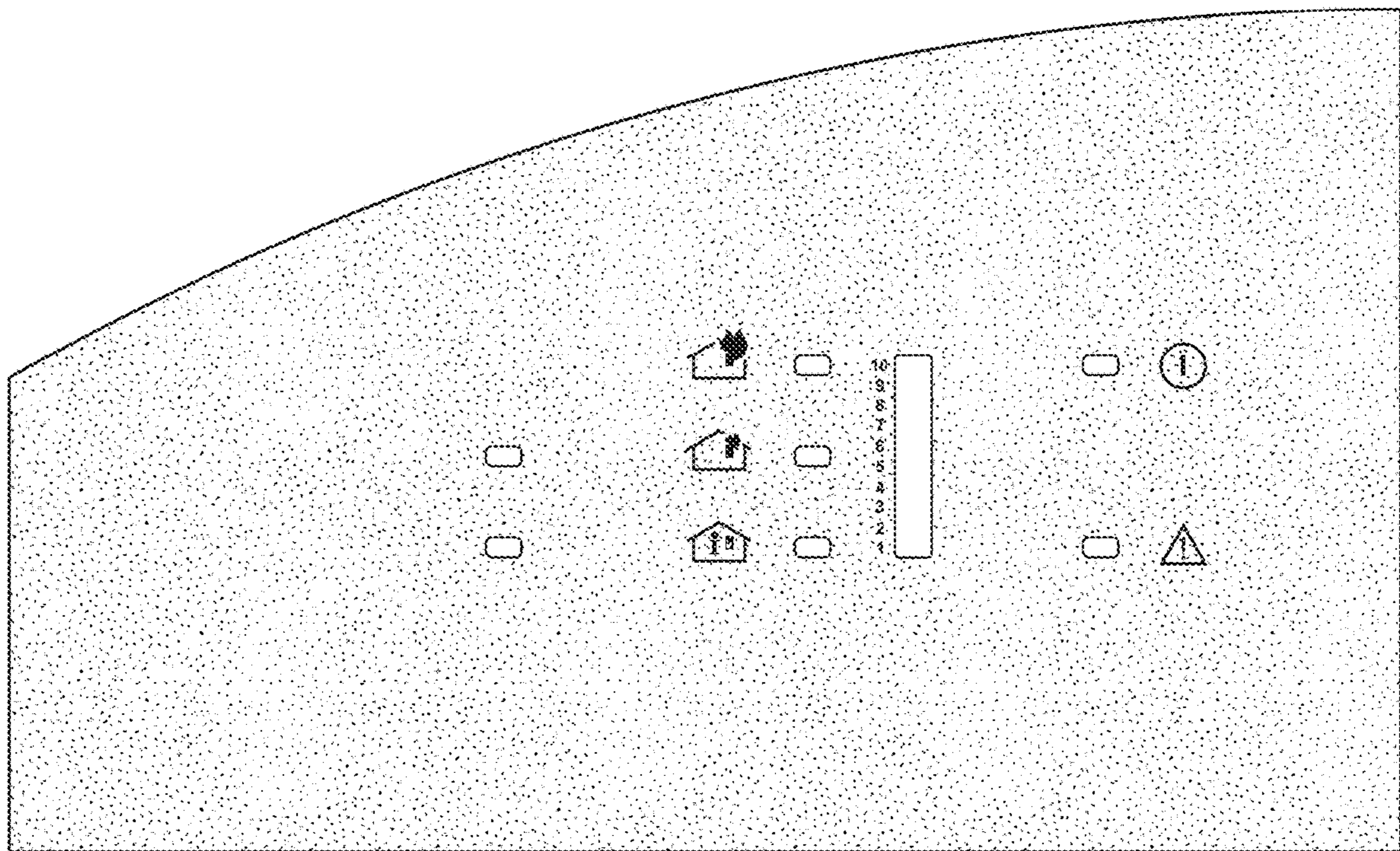


FIG. 13

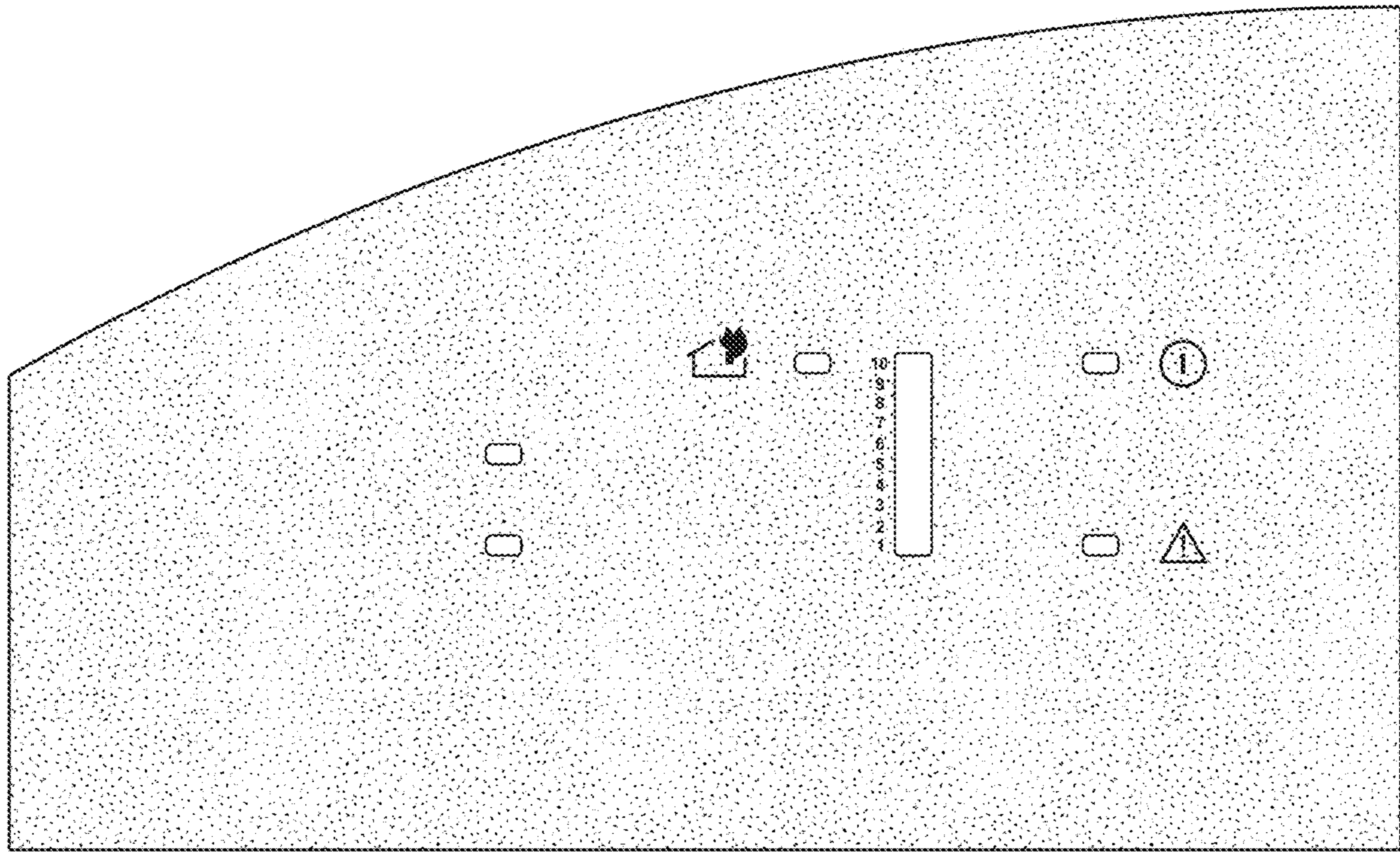


FIG. 14

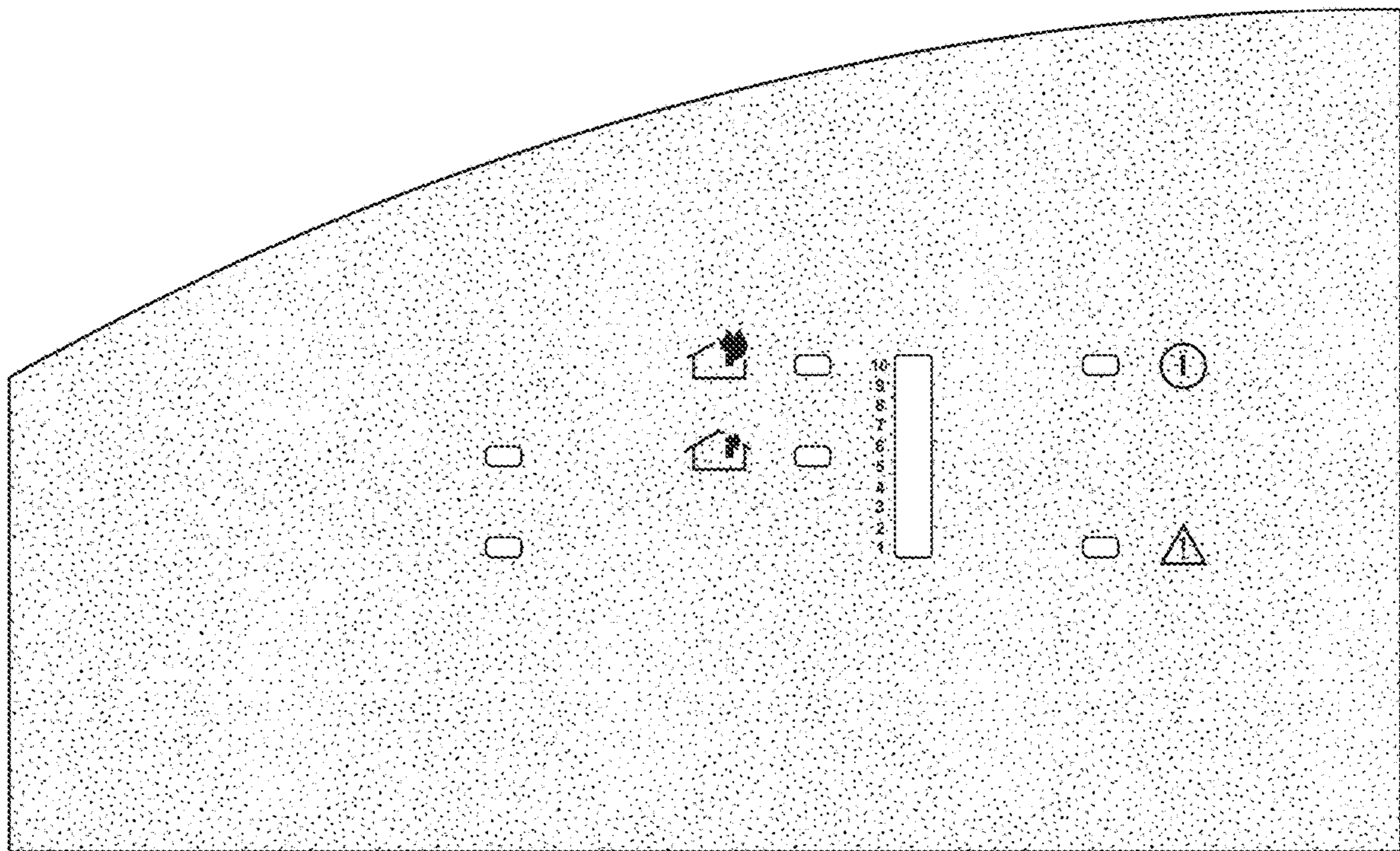


FIG. 15

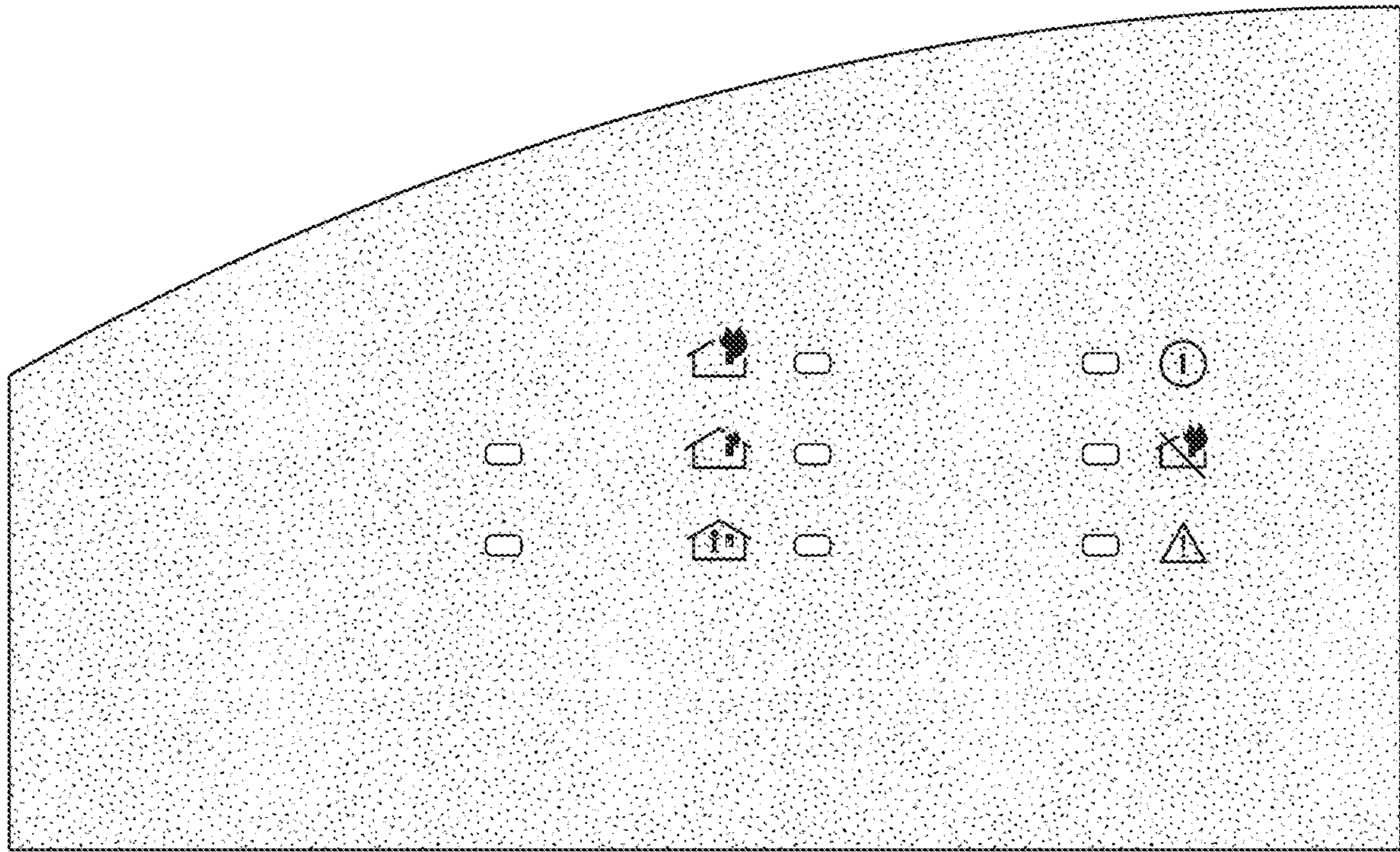


FIG. 16

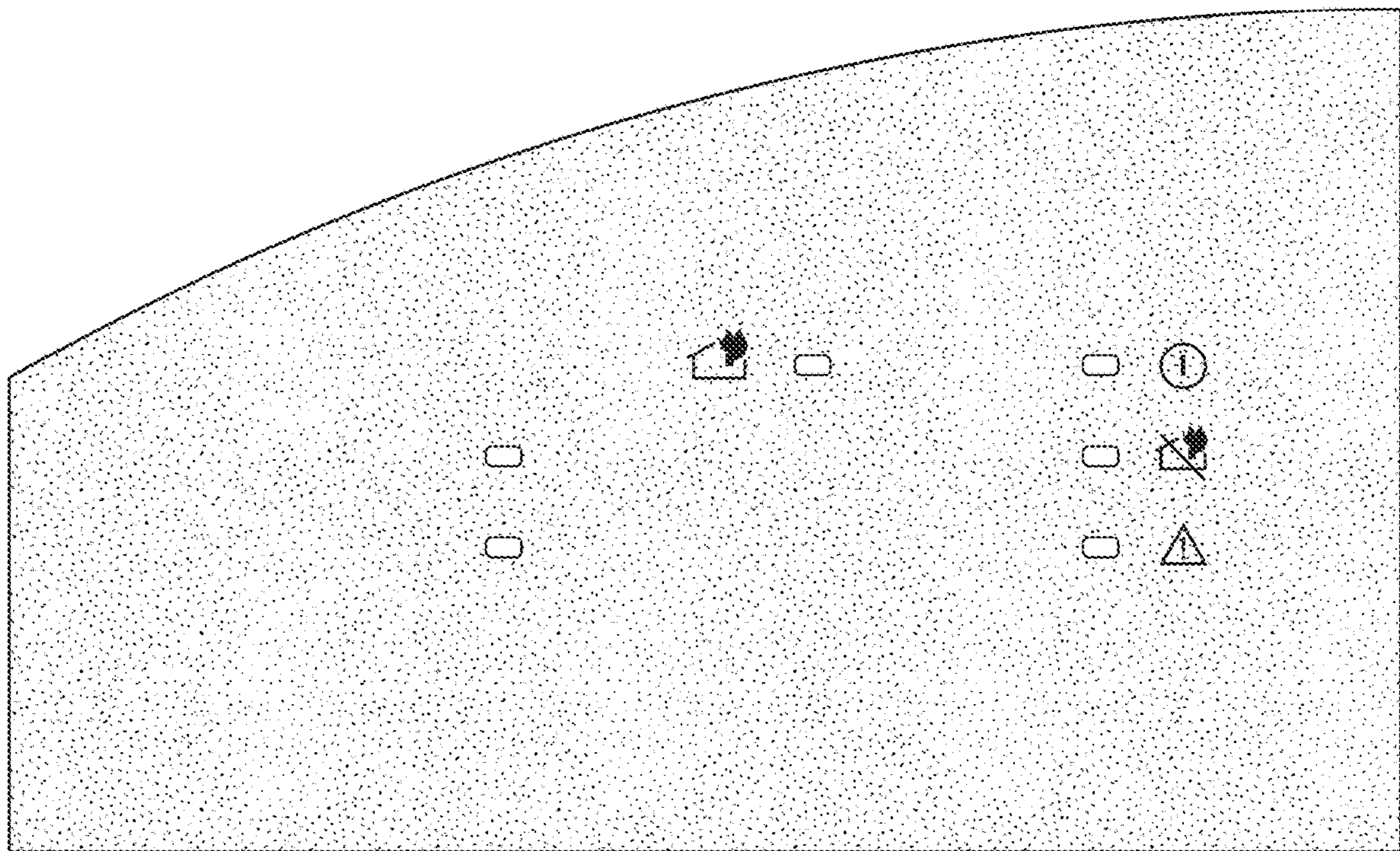


FIG. 17

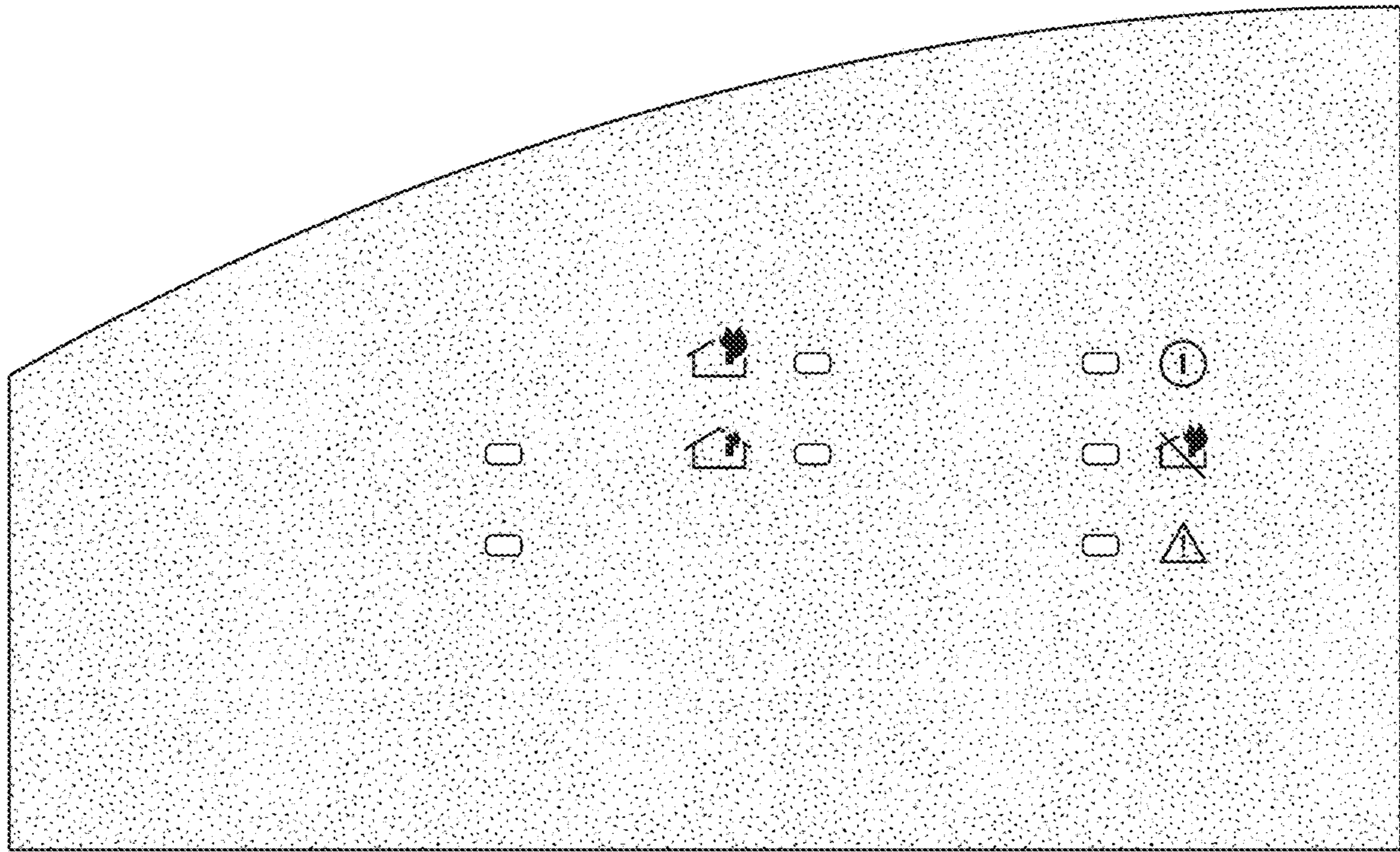


FIG. 18

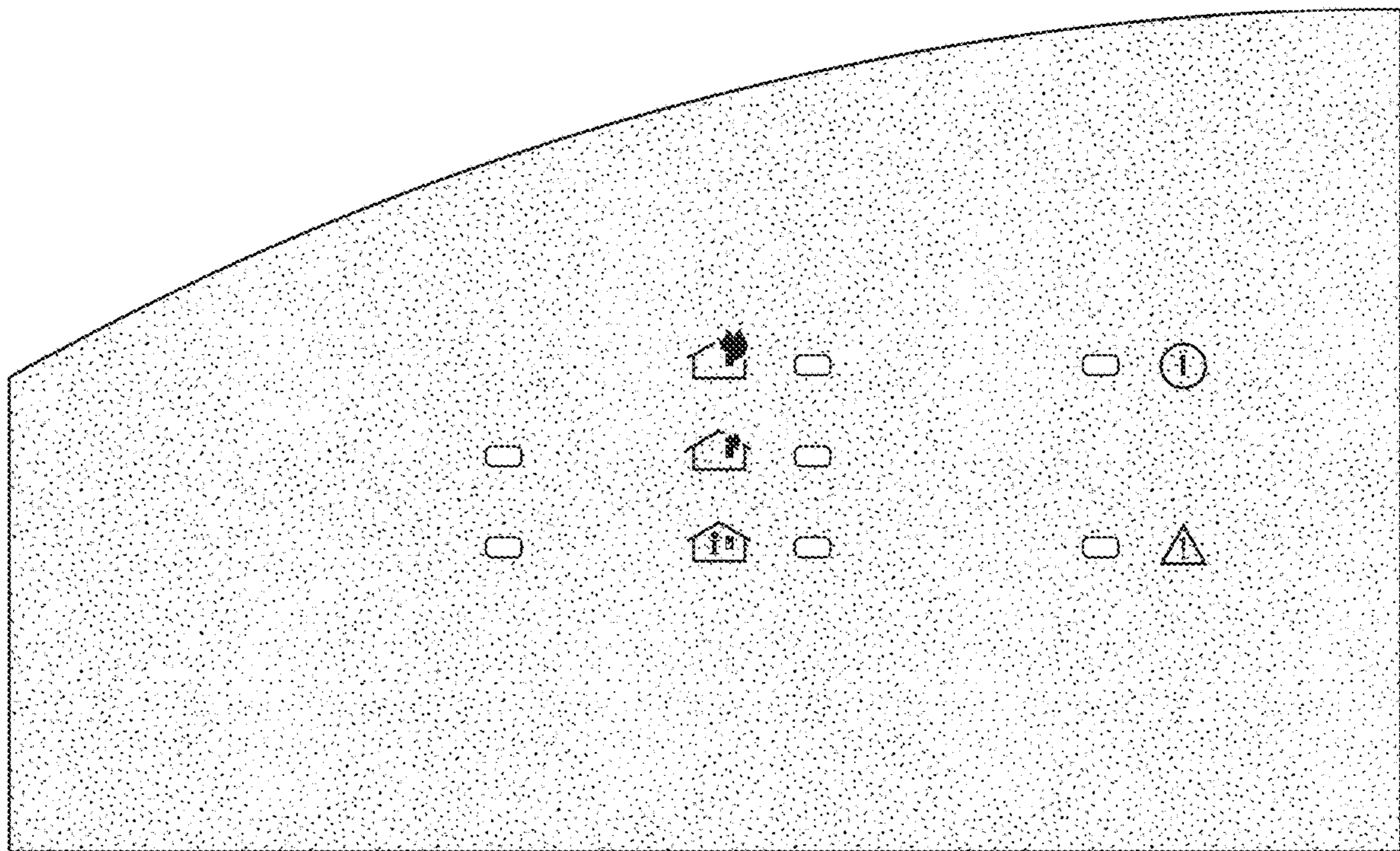


FIG. 19



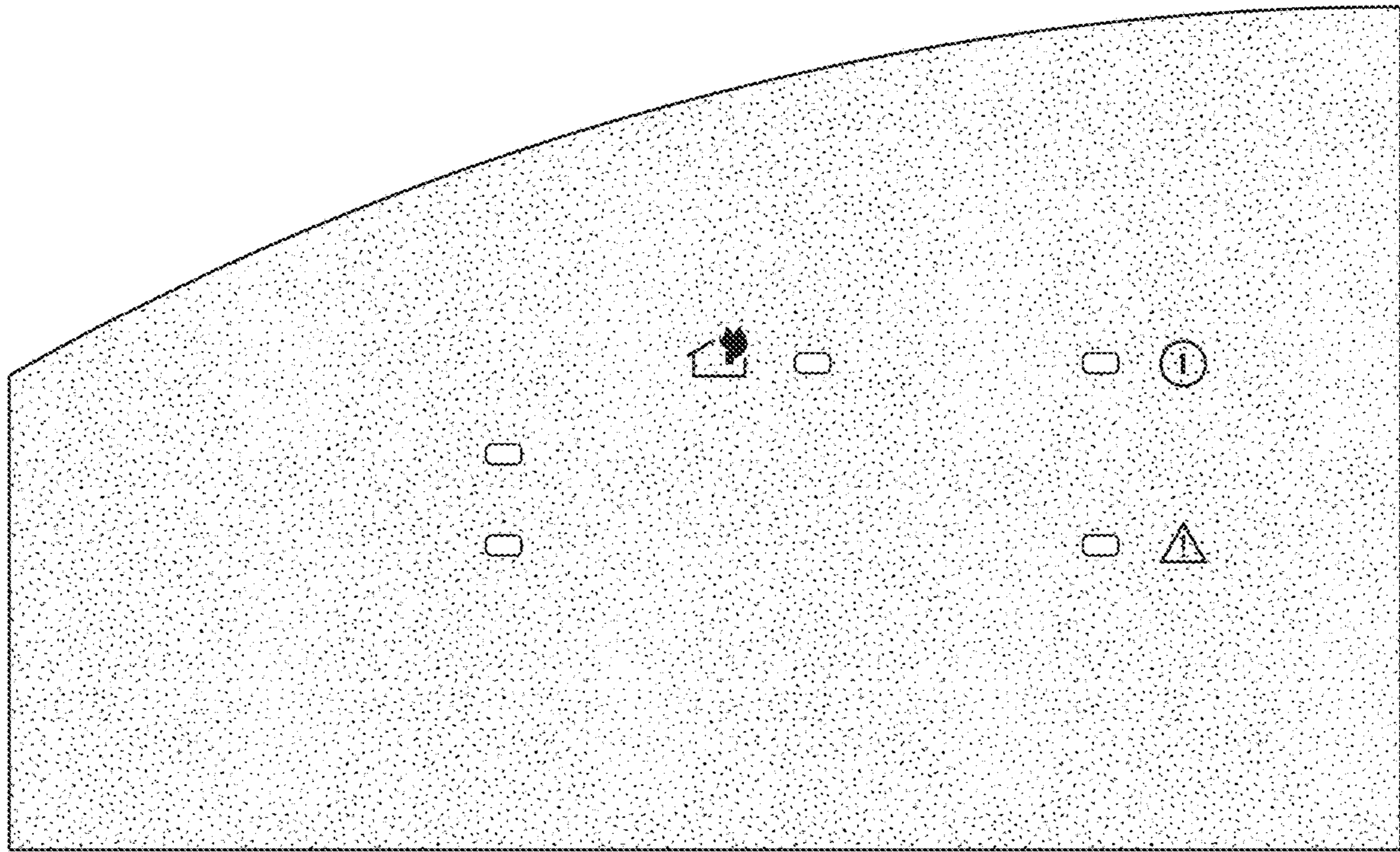


FIG. 20

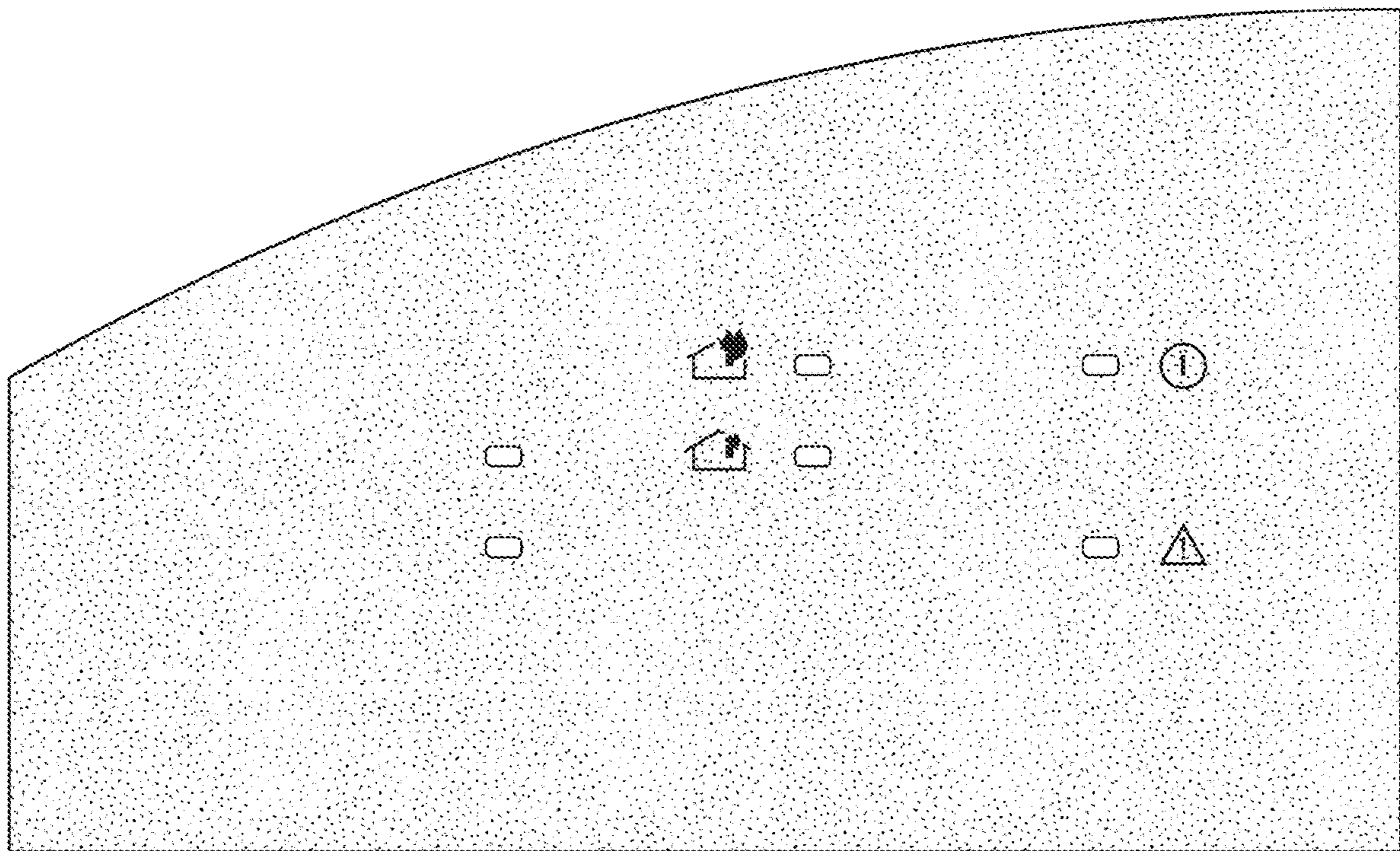


FIG. 21