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(12) **United States Design Patent**  
**Hirano et al.**

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(54) **ELECTRONIC COPYING MACHINE**  
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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** ..... **16-03**  
(52) **U.S. Cl.**  
USPC ..... **D18/39**

(58) **Field of Classification Search**  
USPC ..... D15/122, 135-138, 141, 66, 73, 76-78;  
D18/53, 59, 50, 14, 19, 54-57, 36-45,  
(Continued)

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*Primary Examiner* — Kevin K Rudzinski  
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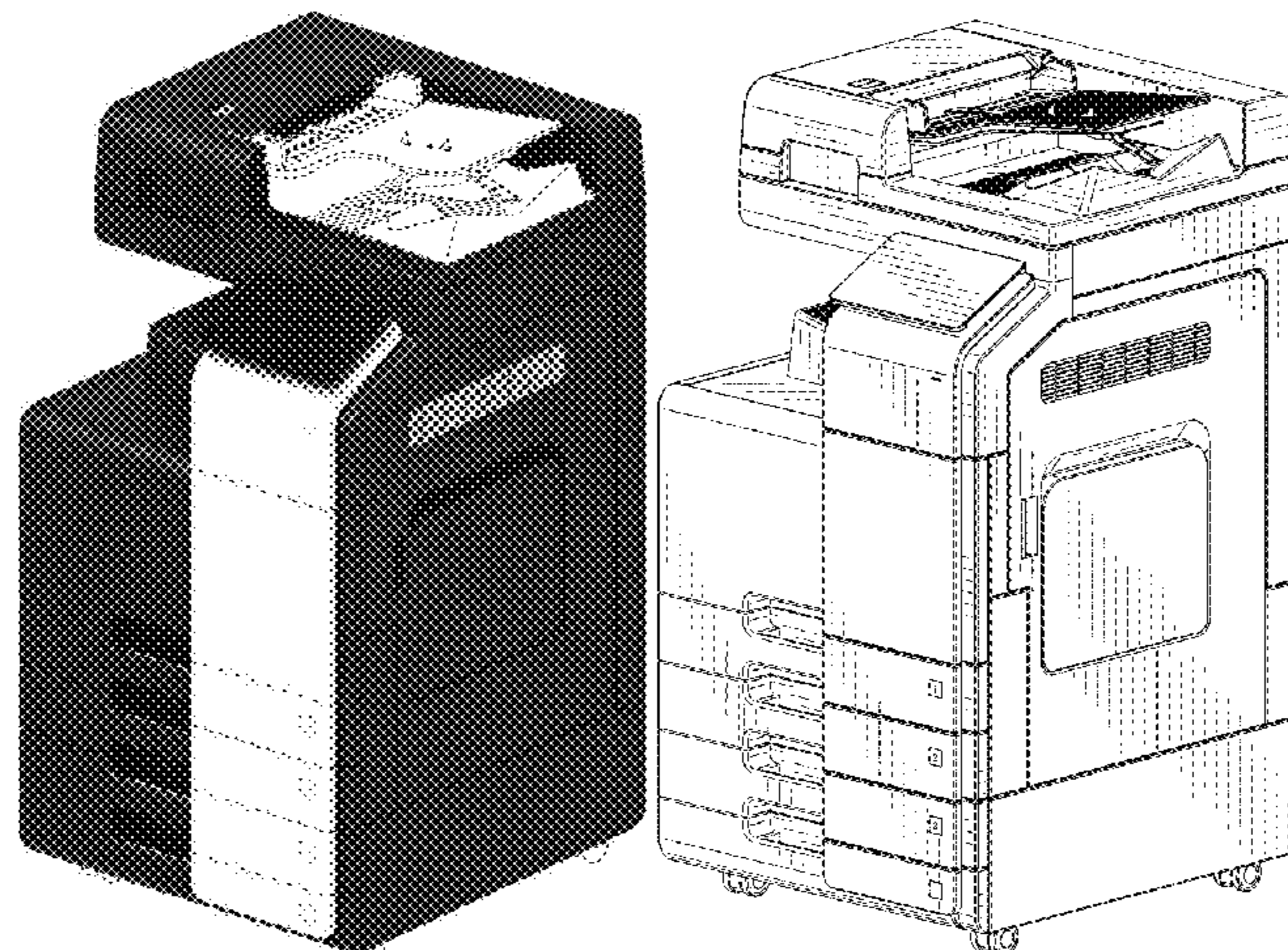
(57) **CLAIM**

The ornamental design for an electronic copying machine, as shown and described.

**DESCRIPTION**

FIG. 1 is a front view of an electronic copying machine in accordance with a first embodiment of our new design; FIG. 2 is a rear view thereof; FIG. 3 is a right side view thereof; FIG. 4 is a left side view thereof; FIG. 5 is a top plan view thereof; FIG. 6 is a bottom plan view thereof; FIG. 7 is a perspective view thereof; FIG. 8 is a front view of the electronic copying machine in accordance with a second embodiment of our new design; FIG. 9 is a rear view thereof; FIG. 10 is a right side view thereof; FIG. 11 is a left side view thereof; FIG. 12 is a top plan view thereof; FIG. 13 is a bottom plan view thereof; FIG. 14 is a perspective view thereof; FIG. 15 is an end view taken along line 15-15 of FIG. 8, without an internal mechanism; FIG. 16 is an enlarged front view of the portion of the electronic copying machine shown within the area designated as 16 in FIG. 15; FIG. 17 is an end view taken along line 17-17 of FIG. 8, without an internal mechanism; and, FIG. 18 is an enlarged front view of the portion of the electronic copying machine shown within the area designated as 18 in FIG. 17. The broken lines shown in the figures depict portions of the electronic copying machine that form no part of the claimed design.

**1 Claim, 14 Drawing Sheets**





(58) **Field of Classification Search**

USPC ..... D18/34.4, 34.5, 34.6, 18, 51;  
 D14/301–303, 307, 345; D6/691.4, 675,  
 D6/708; D13/107, 108  
 CPC ..... B41J 2/14; B41J 1/54; B41J 3/4073; B41J  
 3/4078; B41F 17/22; B41F 17/003; B41F  
 17/38; B28B 1/001; G03G 15/08; G03G  
 15/0891; G03G 15/0875; G03G  
 2215/0827; G03G 2215/0855; G03G  
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See application file for complete search history.

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FIG. 1

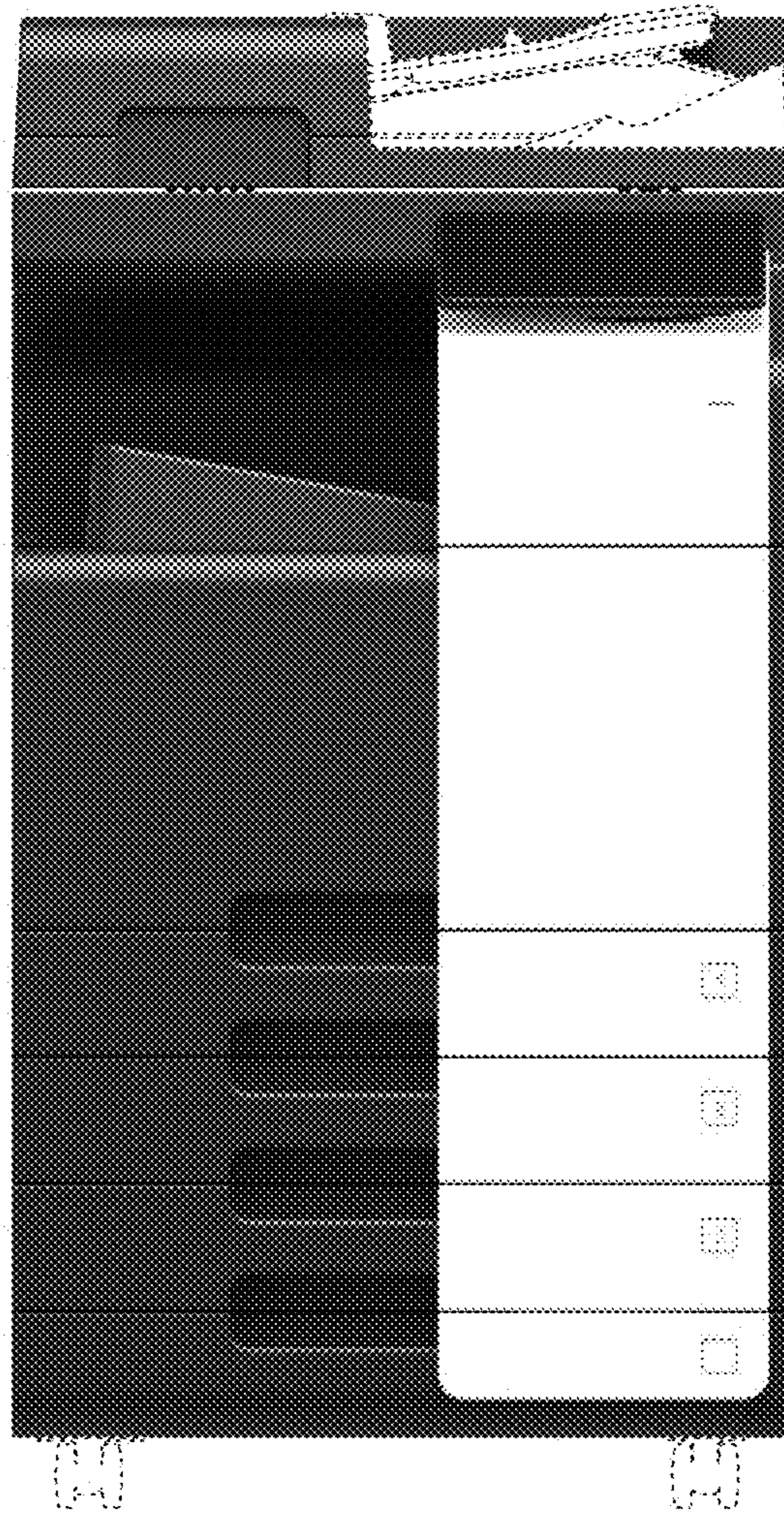




FIG.2

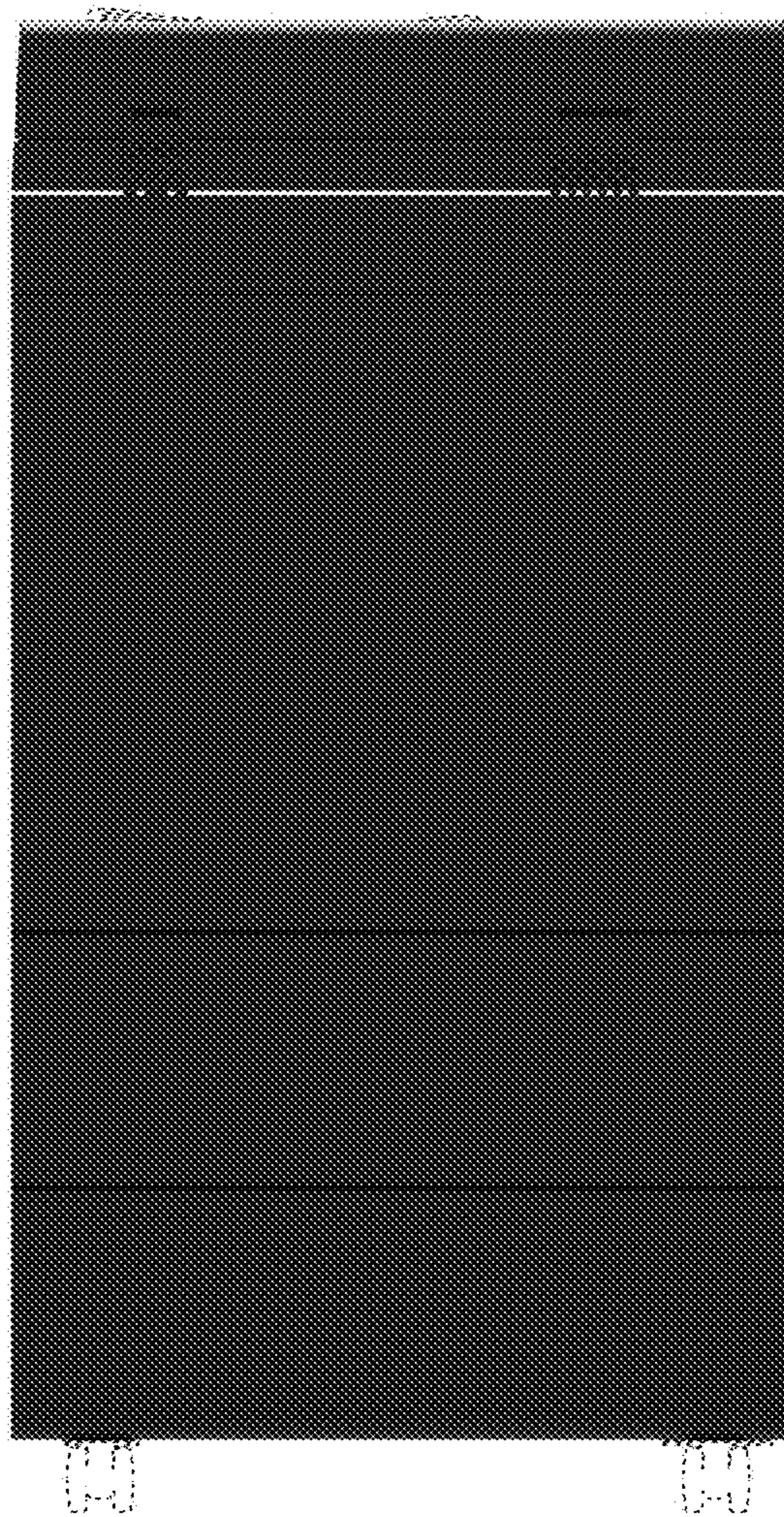


FIG.3

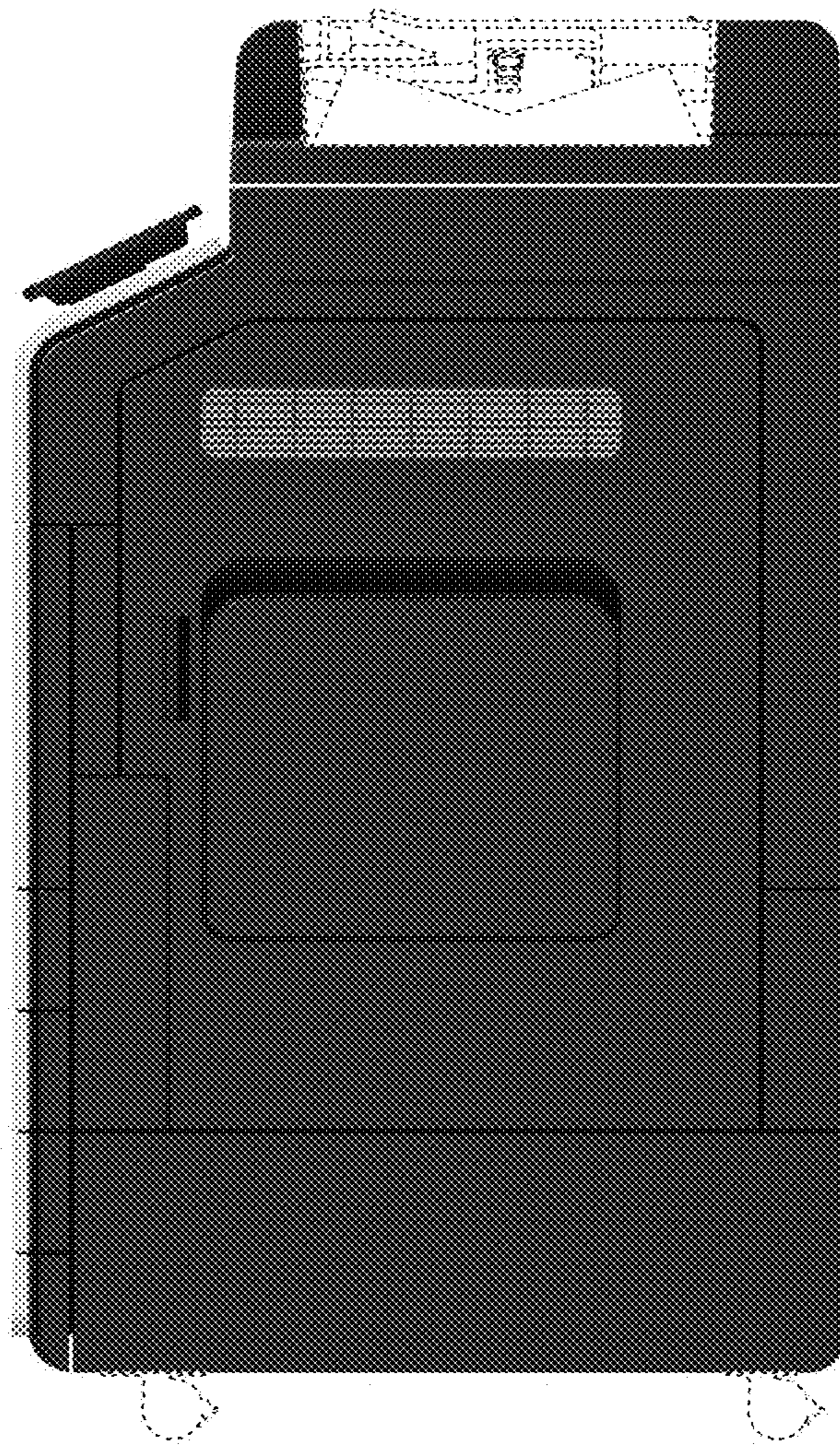




FIG.4

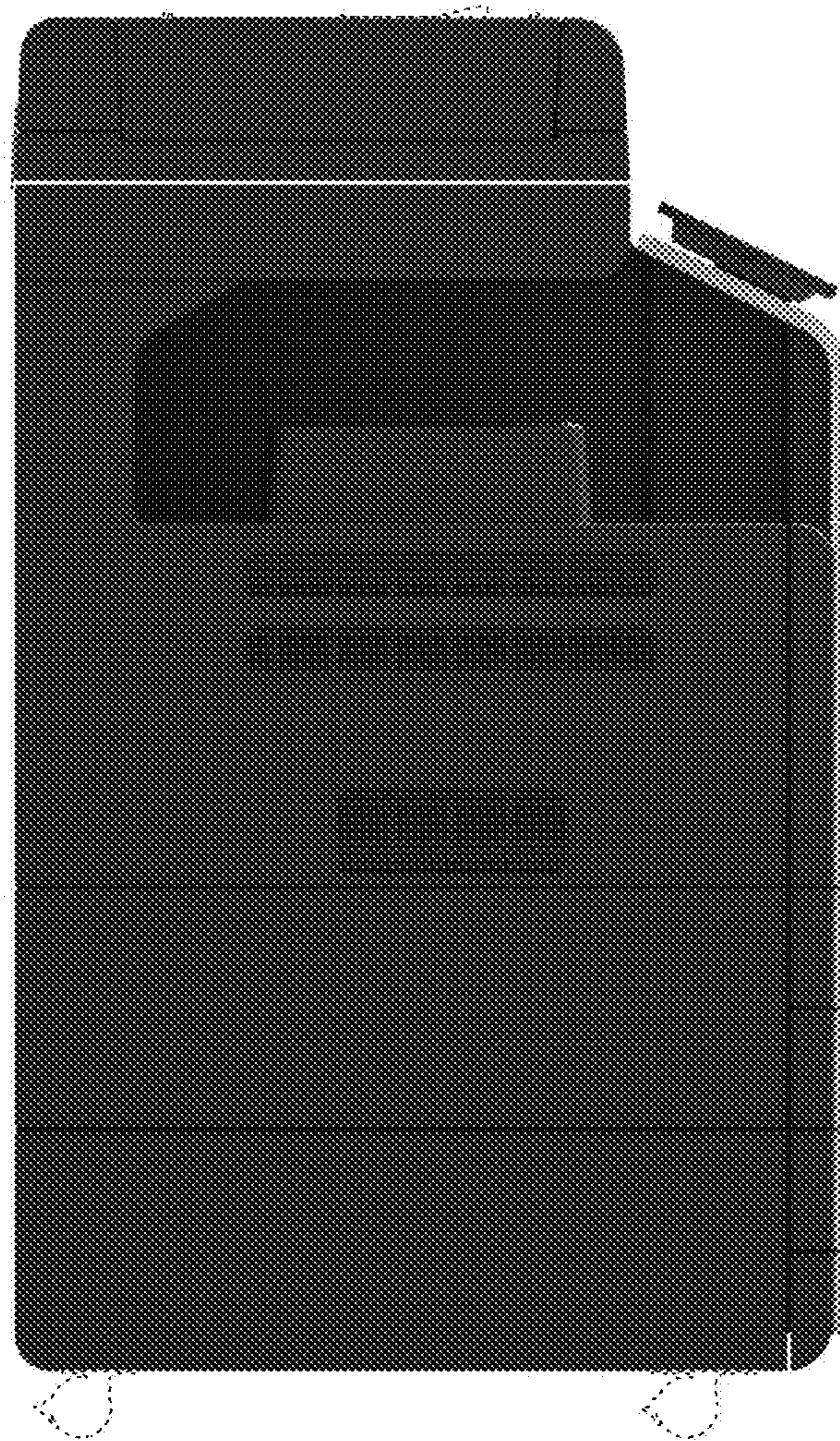


FIG.5

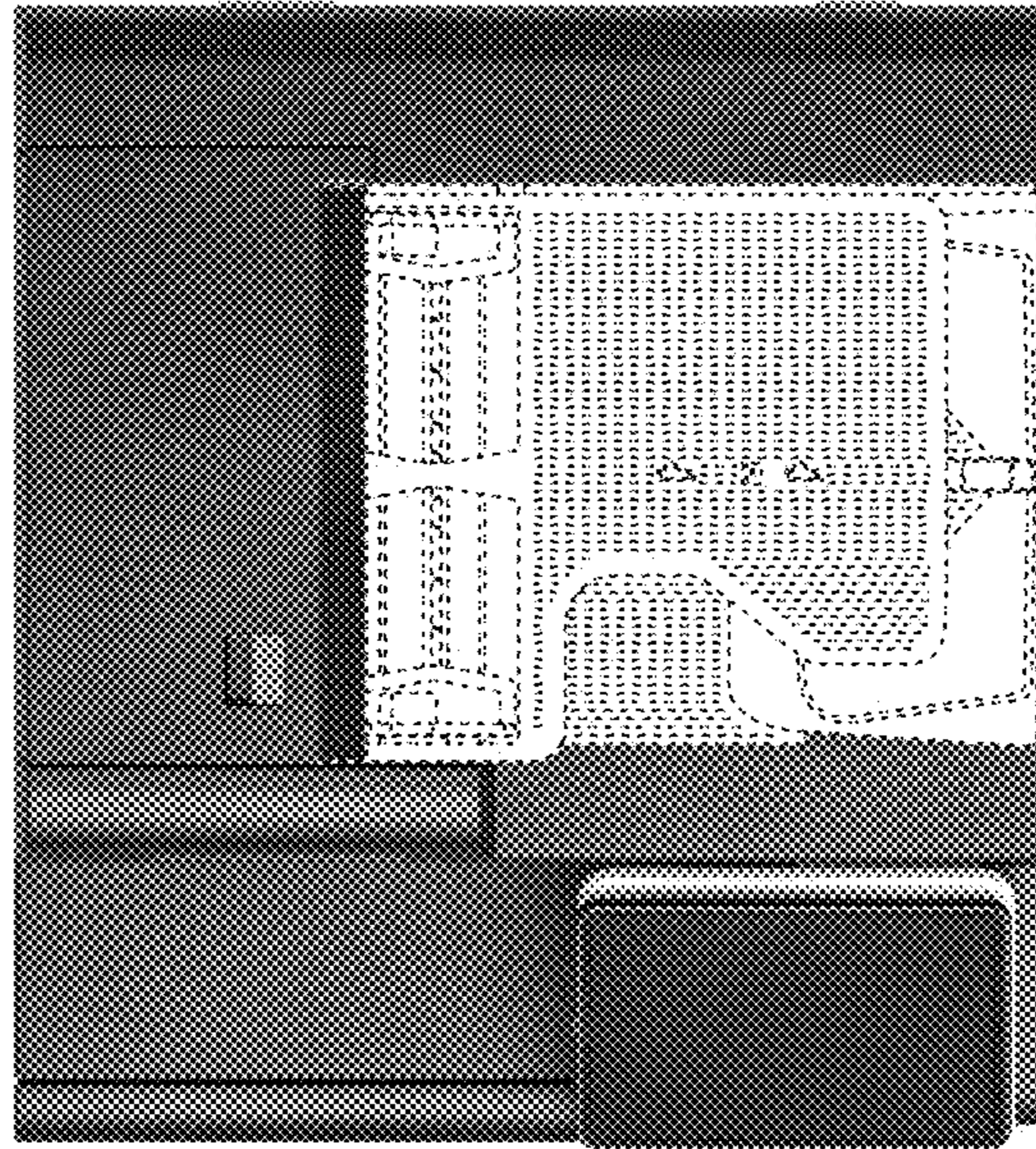


FIG.6

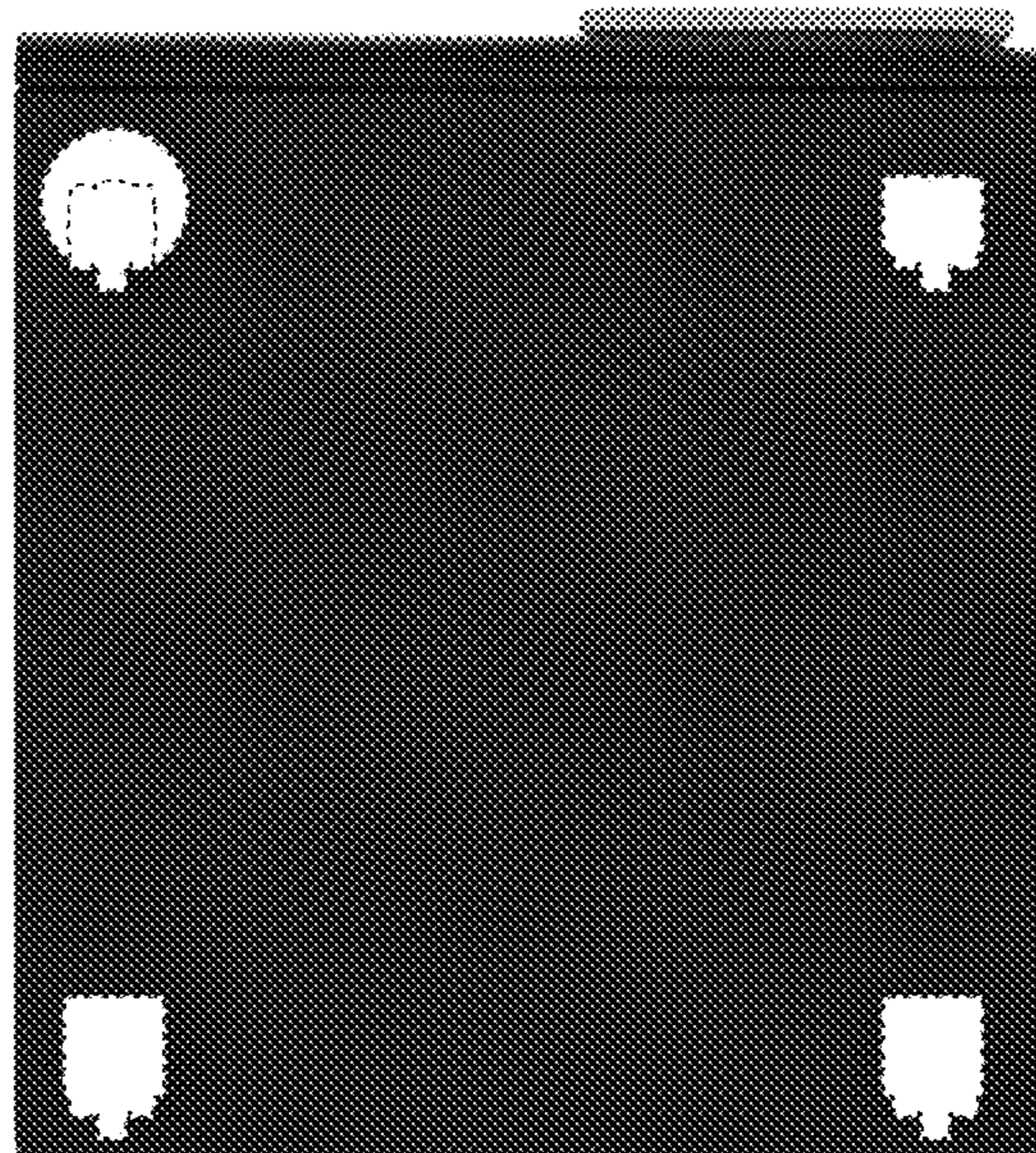




FIG.7

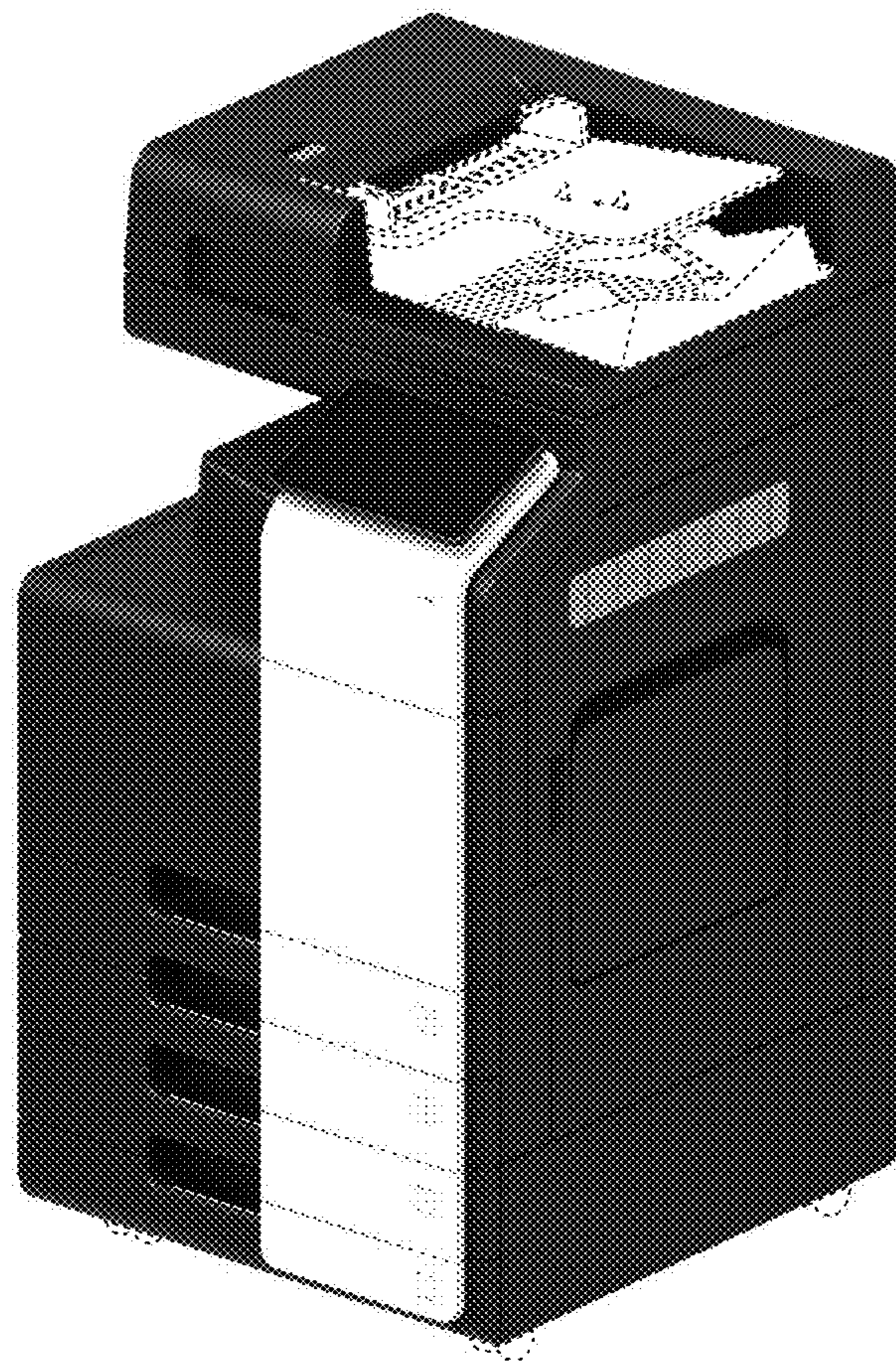




FIG.8

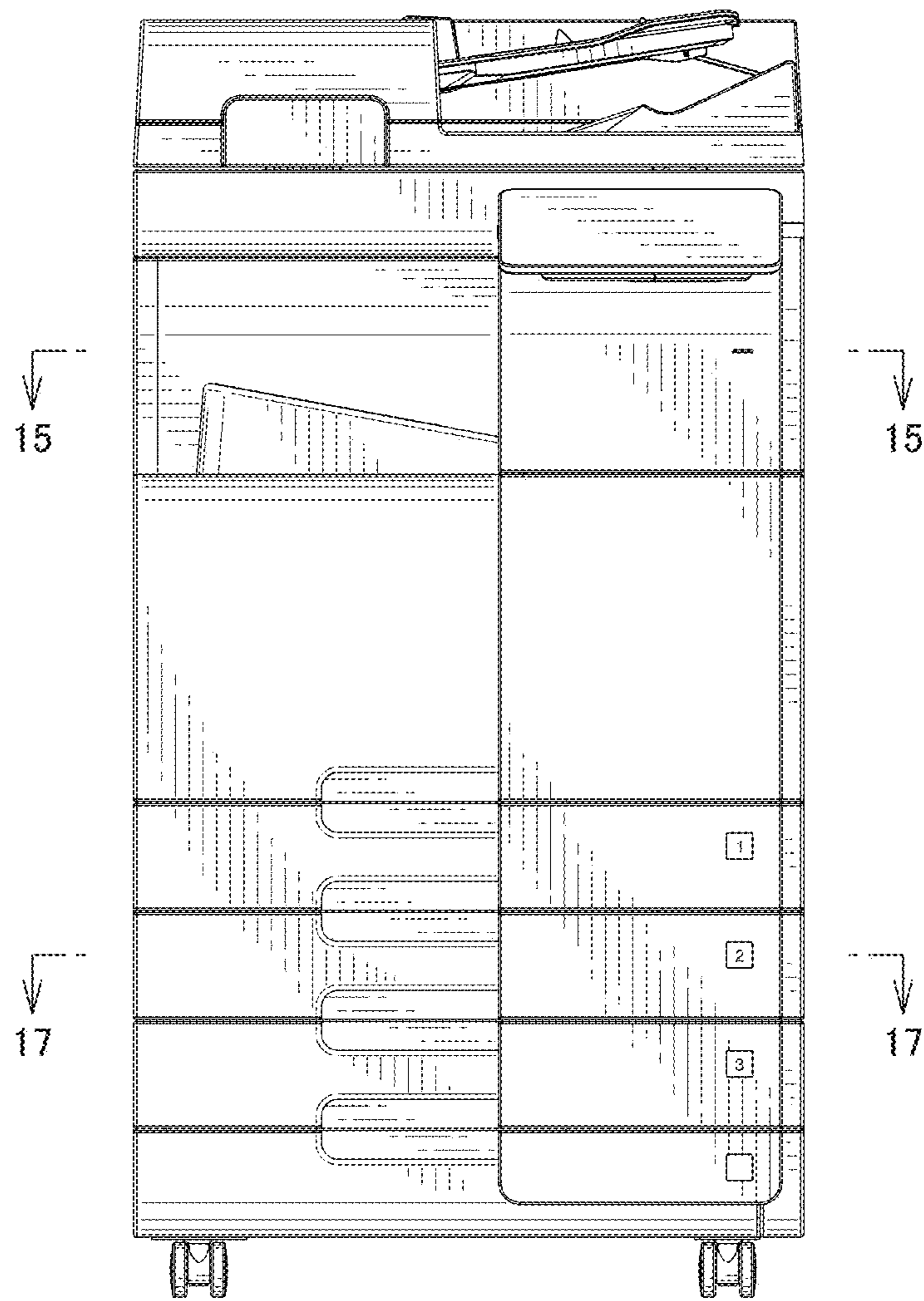


FIG. 9

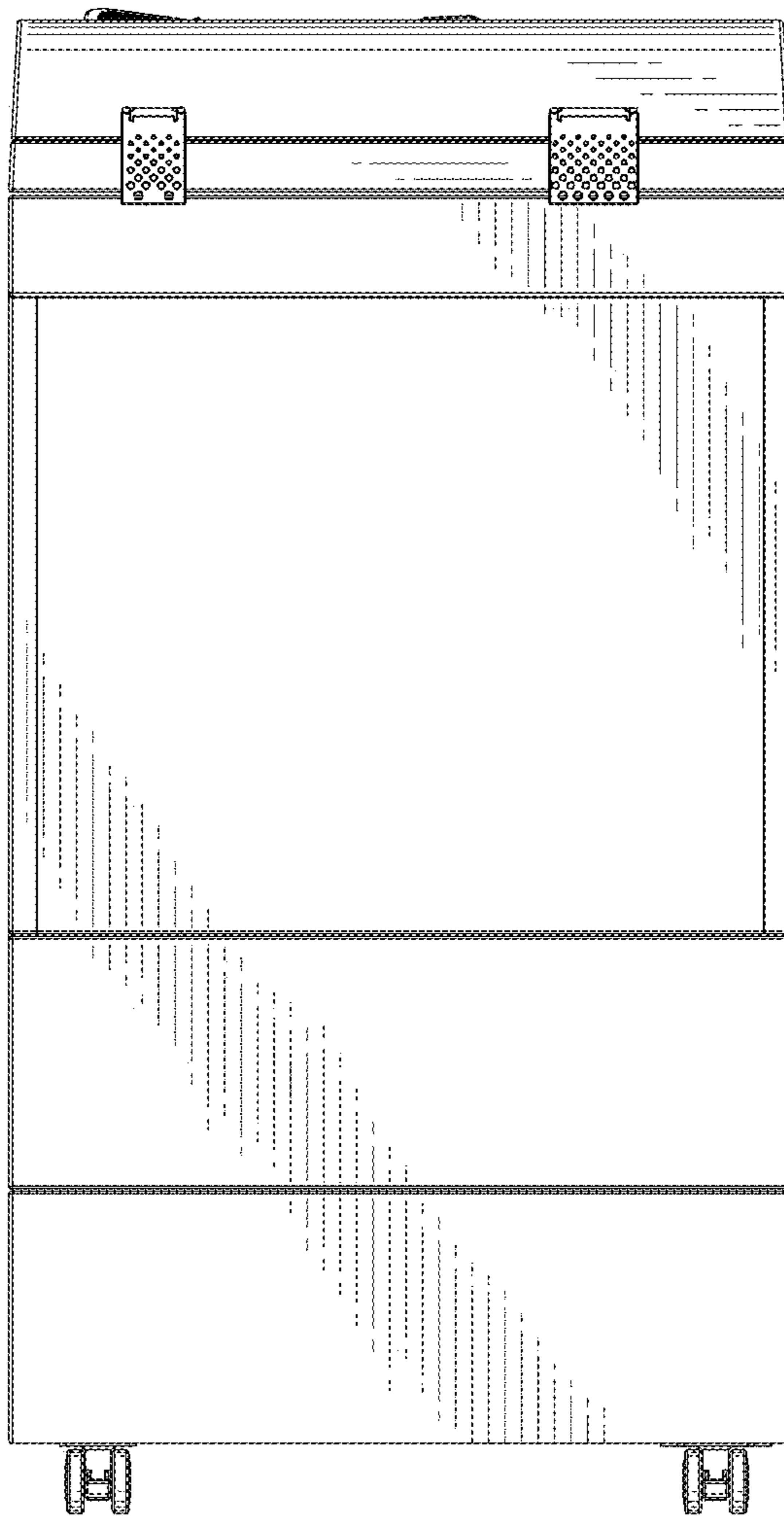




FIG.10

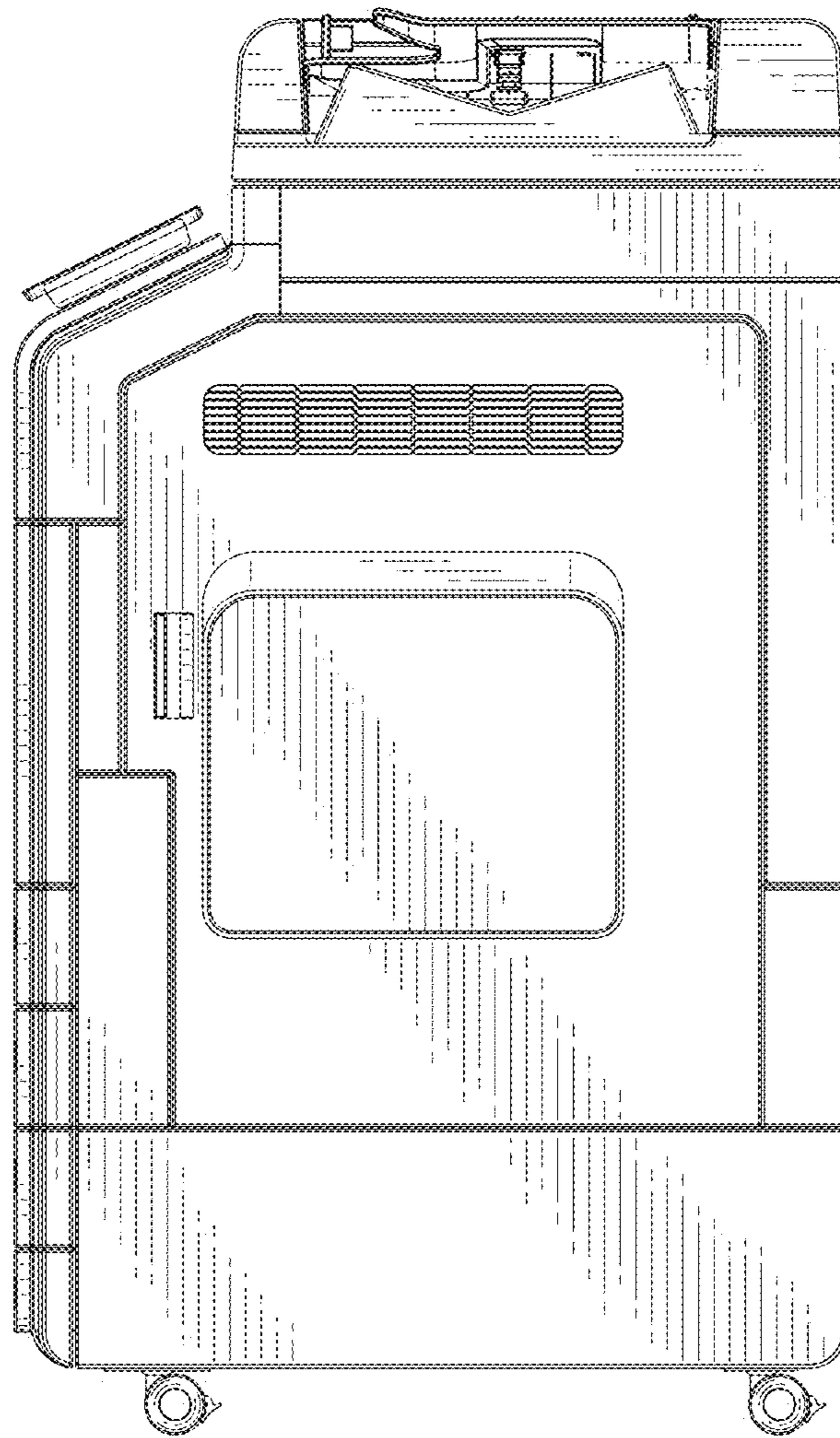


FIG. 11

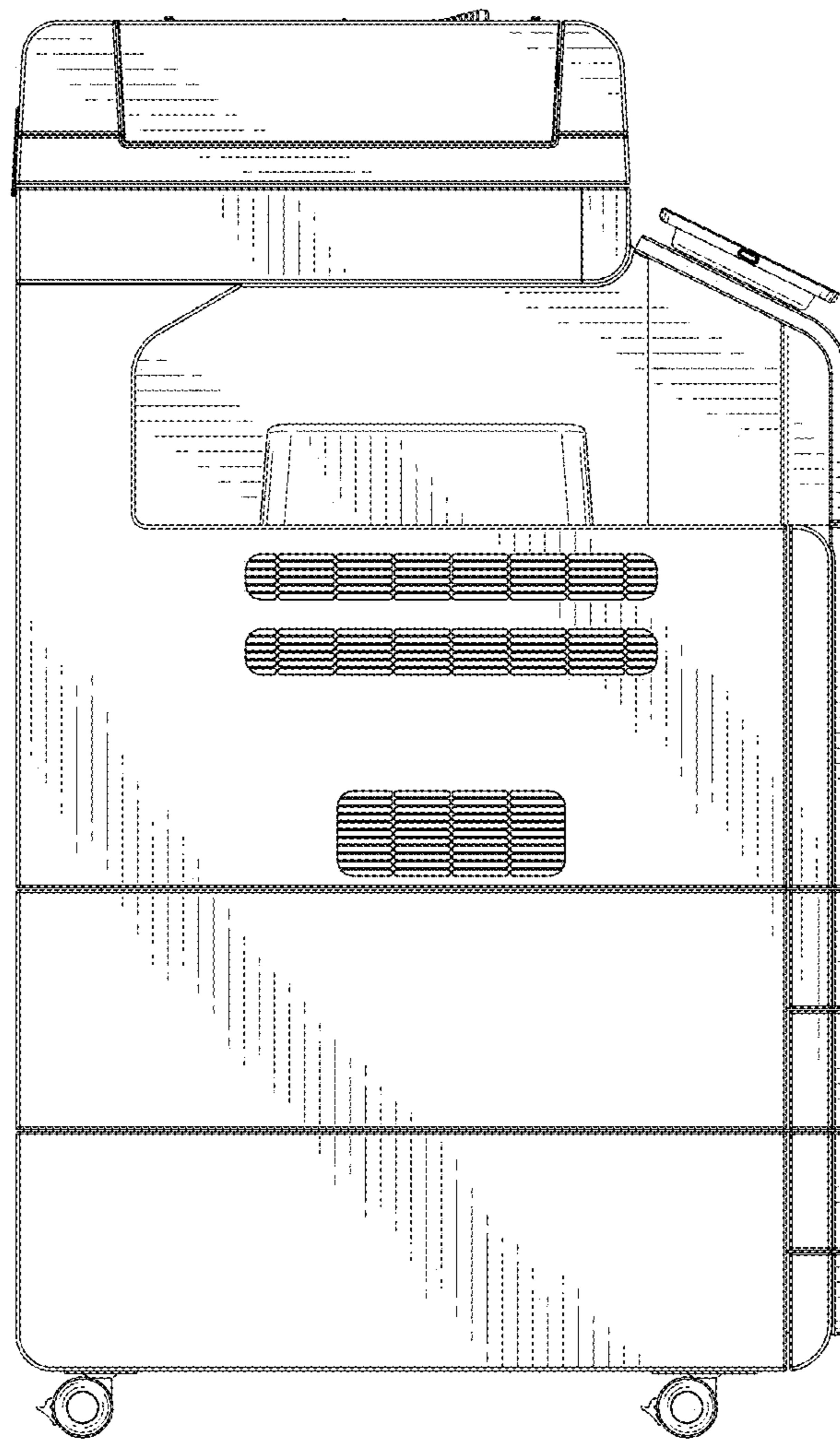




FIG.12

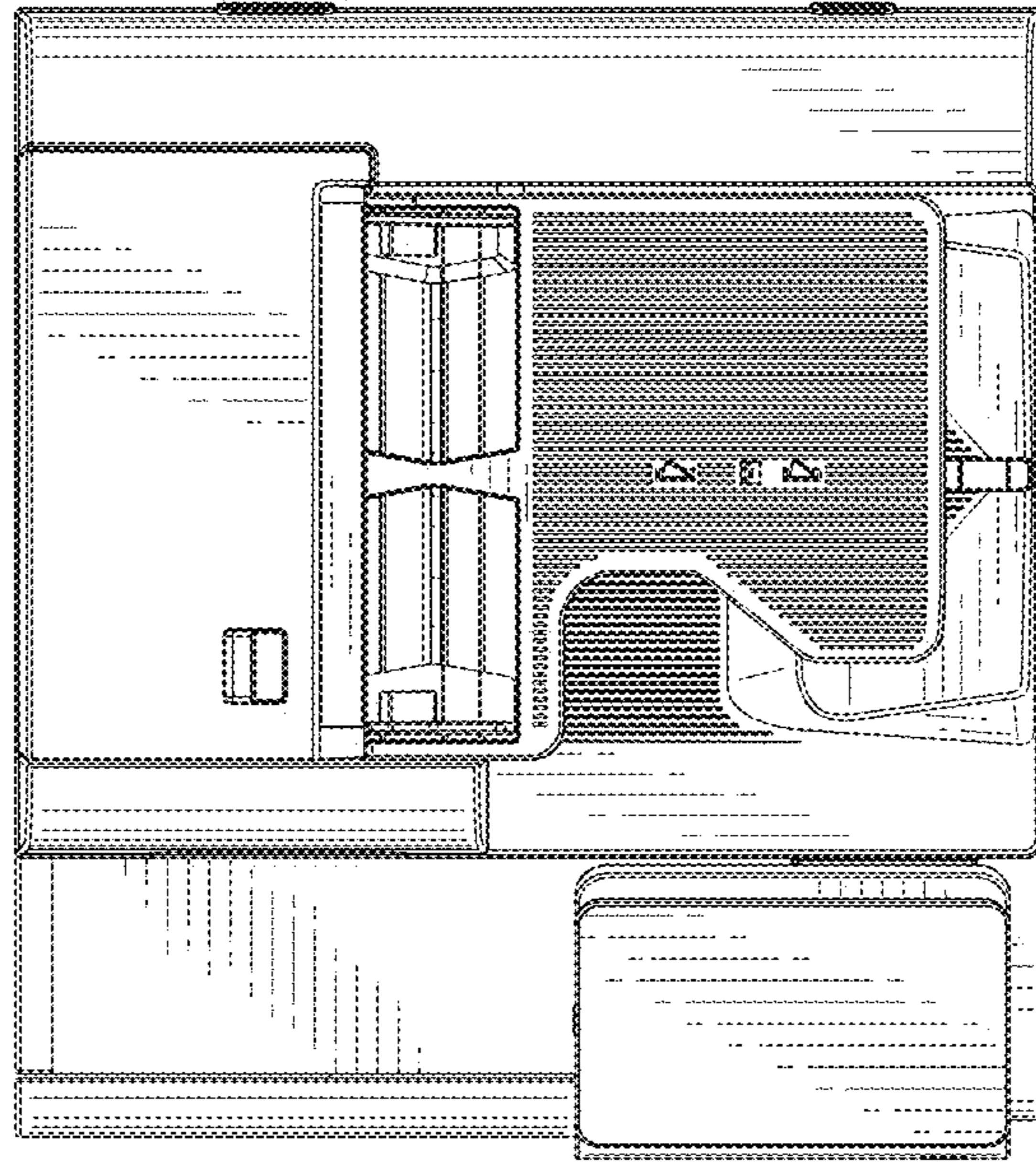


FIG.13

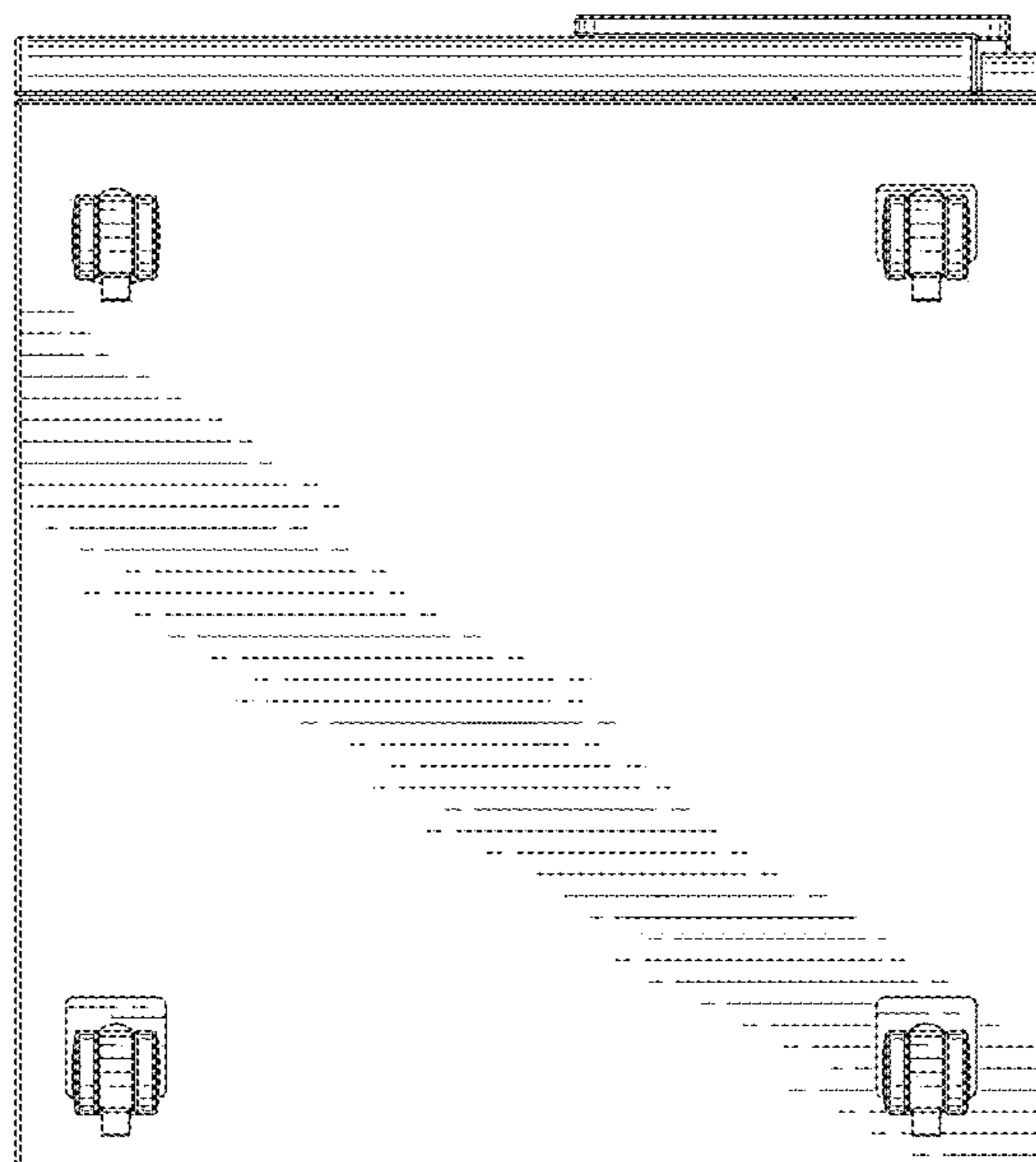


FIG.14

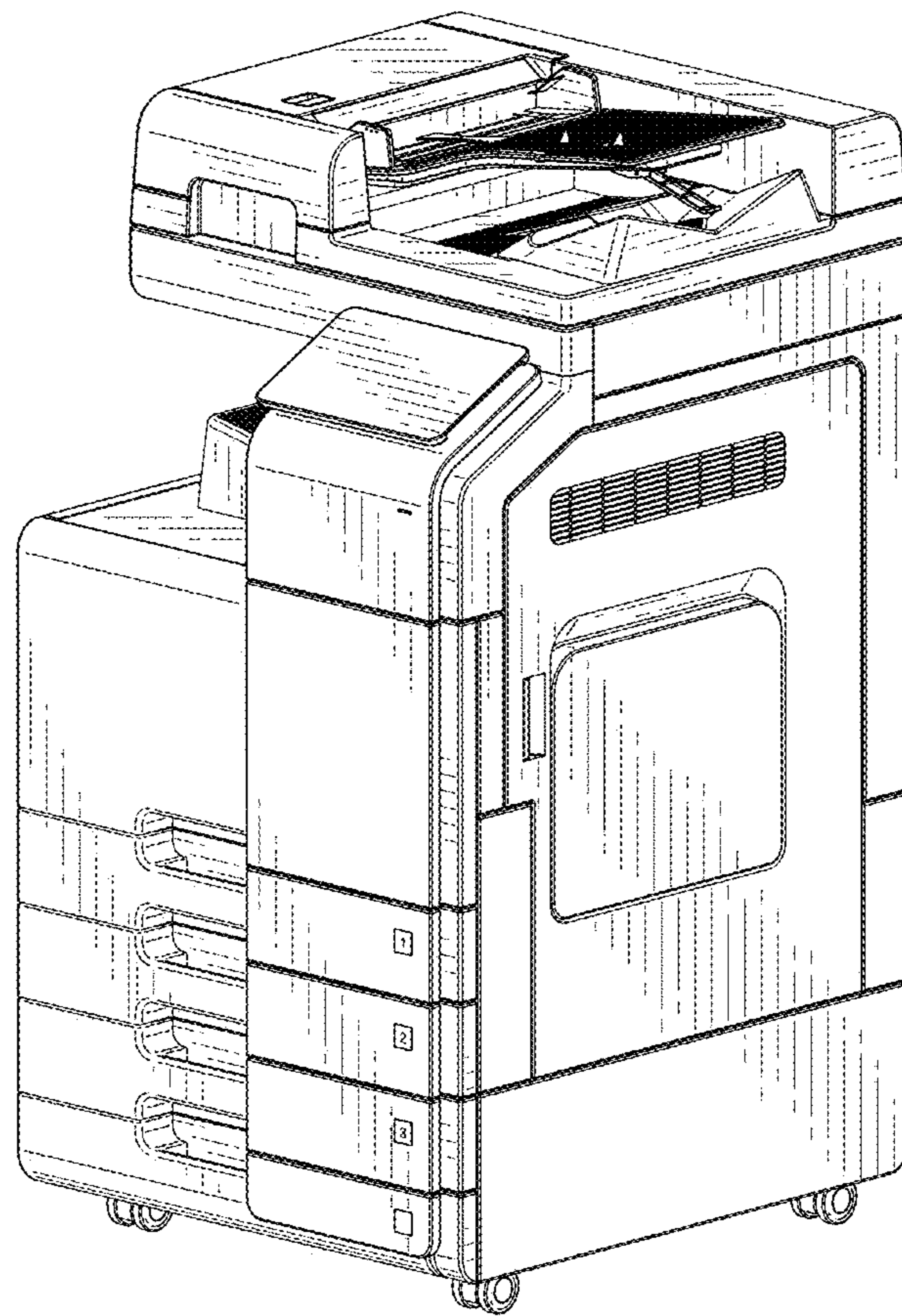




FIG. 15

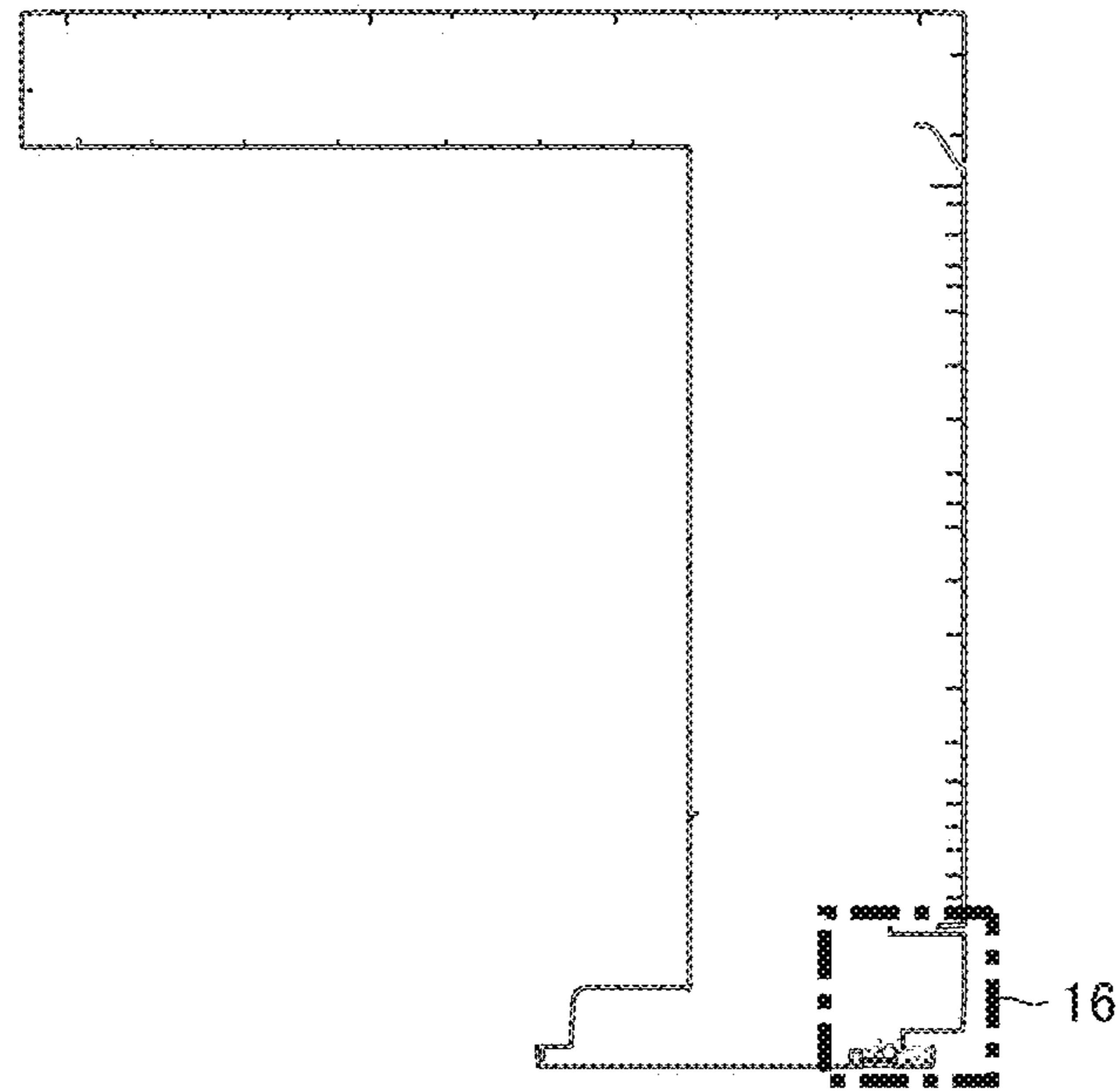


FIG. 16

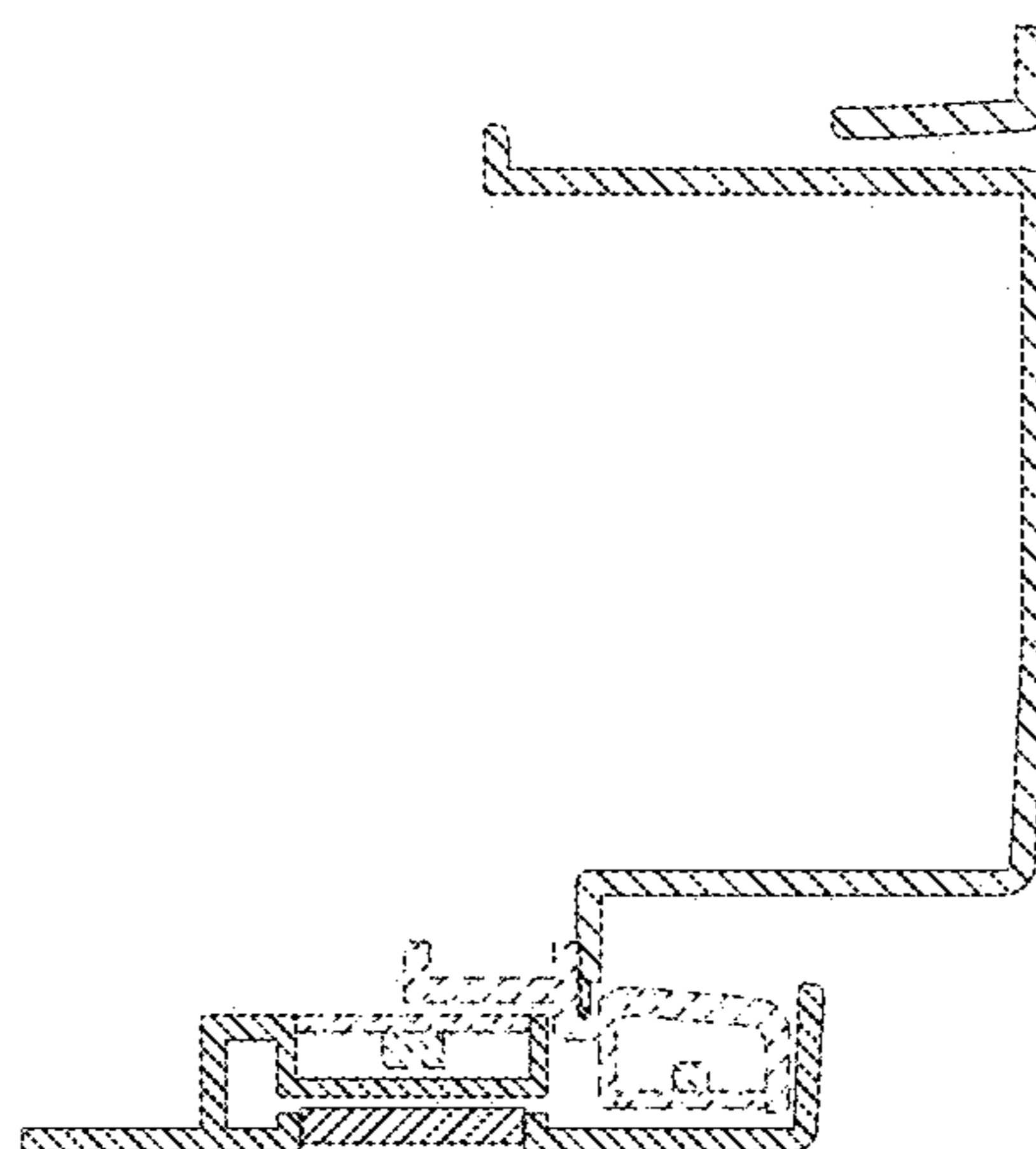


FIG. 17

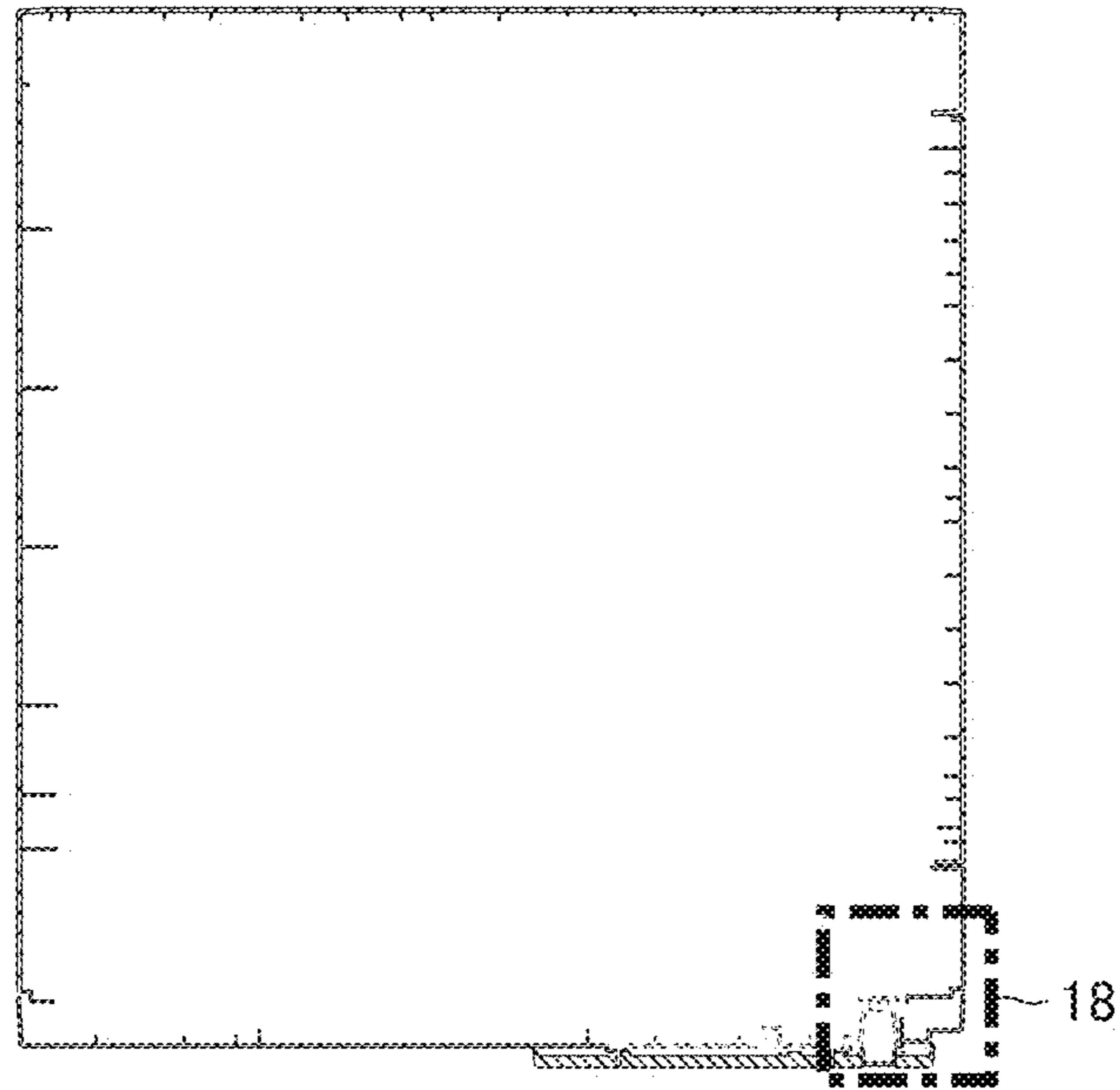


FIG. 18

