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(12) **United States Design Patent** (10) **Patent No.:** **US D934,613 S**  
**Ritchie et al.** (45) **Date of Patent:** **\*\* Nov. 2, 2021**

(54) **COOKING AND HEATING APPARATUS**  
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 (\*\*) Term: **15 Years**  
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Dec. 11, 2019	(GB)	6078755
Dec. 11, 2019	(GB)	6078756
Dec. 11, 2019	(GB)	6078757

(51) **LOC (13) Cl.** ..... **07-02**  
 (52) **U.S. Cl.**  
 USPC ..... **D7/348**

(58) **Field of Classification Search**  
 USPC ..... D7/323, 328–330, 334, 339–349, 390, D7/402–406; D8/300–306  
 CPC .. A21B 2/00; A23B 4/052; A47J 37/00; A47J 37/06; A47J 37/0611; A47J 37/0731; A47J 37/08; A47J 37/0807; A47J 37/0814; A47J 37/0835; A47J 37/0842; A47J 37/085; A47J 37/0864; A47J 37/0878; A47J 37/0885; A47J 37/0892; F24B 1/202; F24C 7/00; F24C 7/002; F24C 7/046; F24C 7/067; F24C 15/02; F24C 15/04; F24C 15/10; F24C 15/102  
 See application file for complete search history.

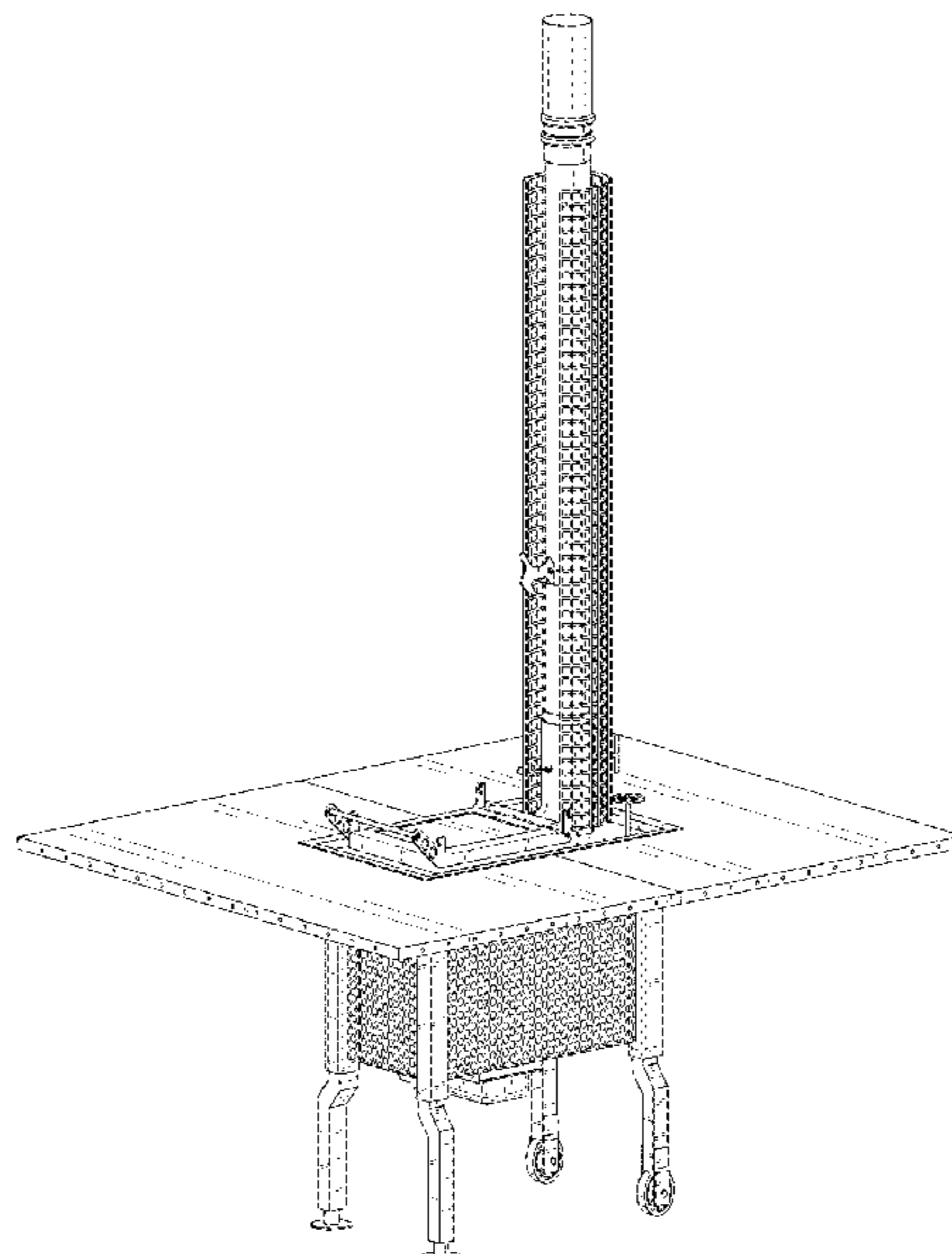
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(57) **CLAIM**  
 The ornamental design for a cooking and heating apparatus, as shown and described.

**DESCRIPTION**  
 FIG. 1 illustrates a perspective view of a cooking and heating apparatus employing an ornamental design in accordance with the present invention;  
 FIG. 2 is a left side view of the cooking and heating apparatus of FIG. 1;  
 FIG. 3 is a right side view of the cooking and heating apparatus of FIG. 1;  
 FIG. 4 is a back view of the cooking and heating apparatus of FIG. 1;  
 FIG. 5 is a front view of the cooking and heating apparatus of FIG. 1;  
 FIG. 6 is a top view of the cooking and heating apparatus of FIG. 1; and,  
 FIG. 7 is a bottom view of the cooking and heating apparatus of FIG. 1.  
 The broken lines shown in the drawings represent unclaimed portions of the structure and form no part of the claimed design. Furthermore, the interior surfaces that are shown without surface shading form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



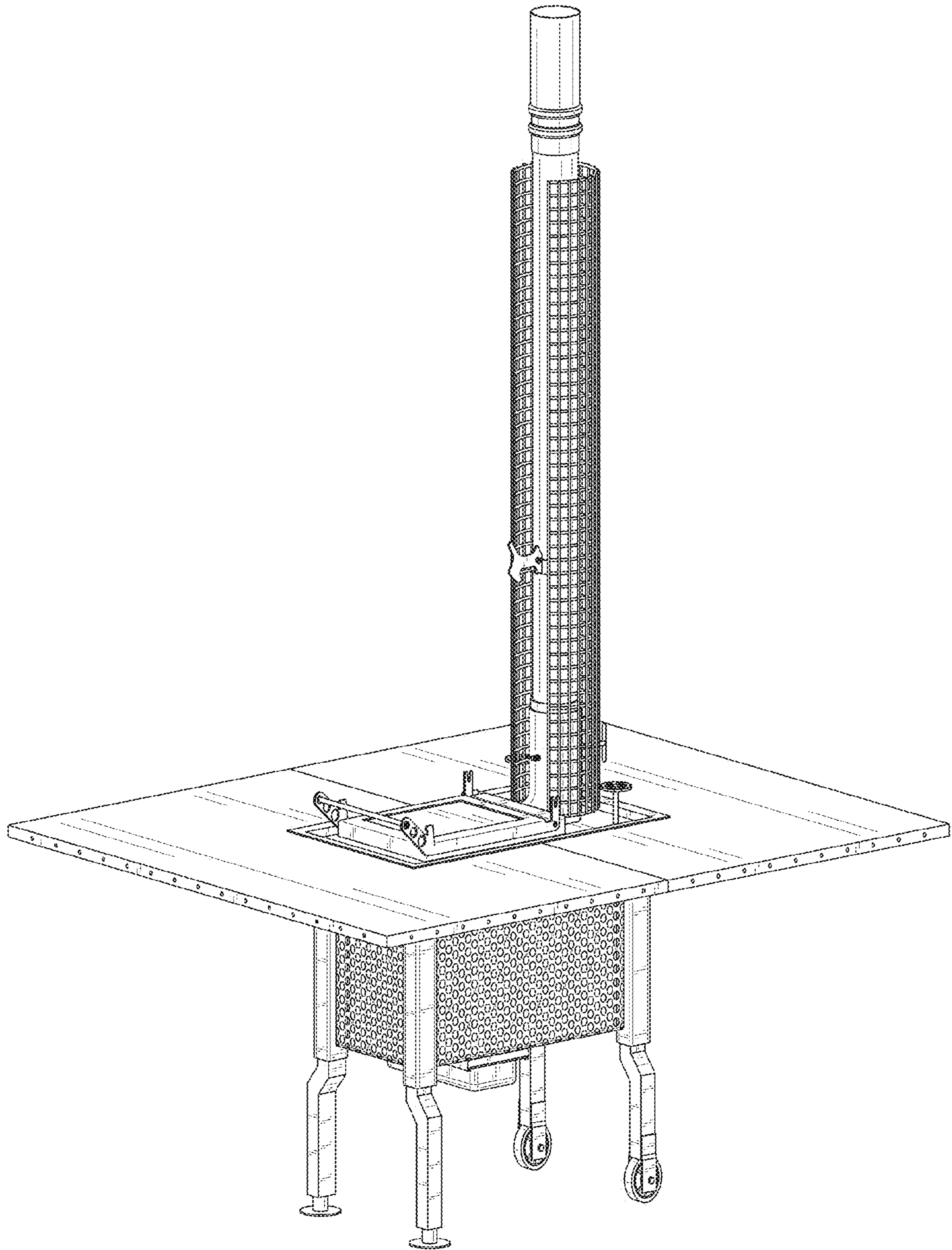


FIG. 1

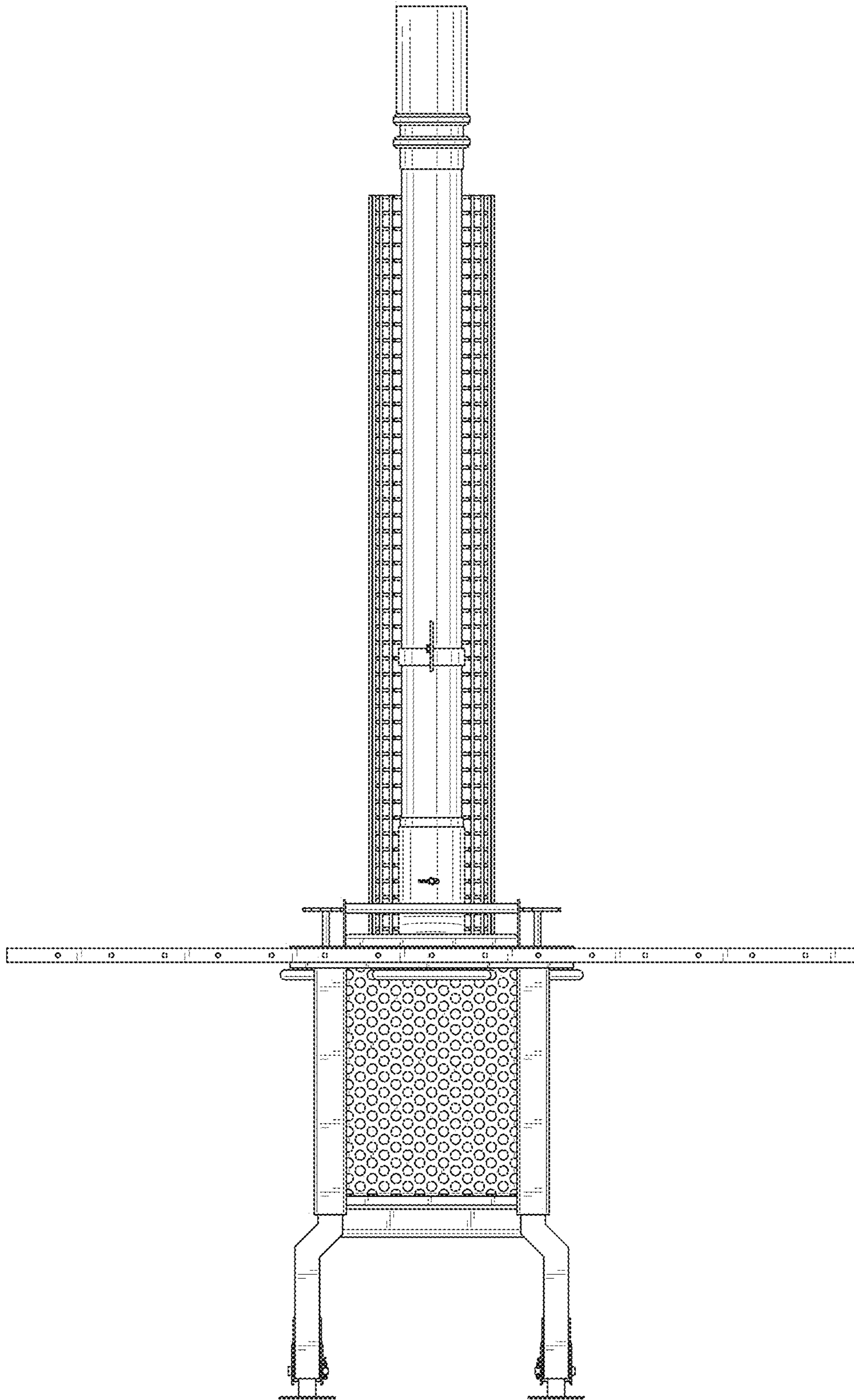


FIG. 2

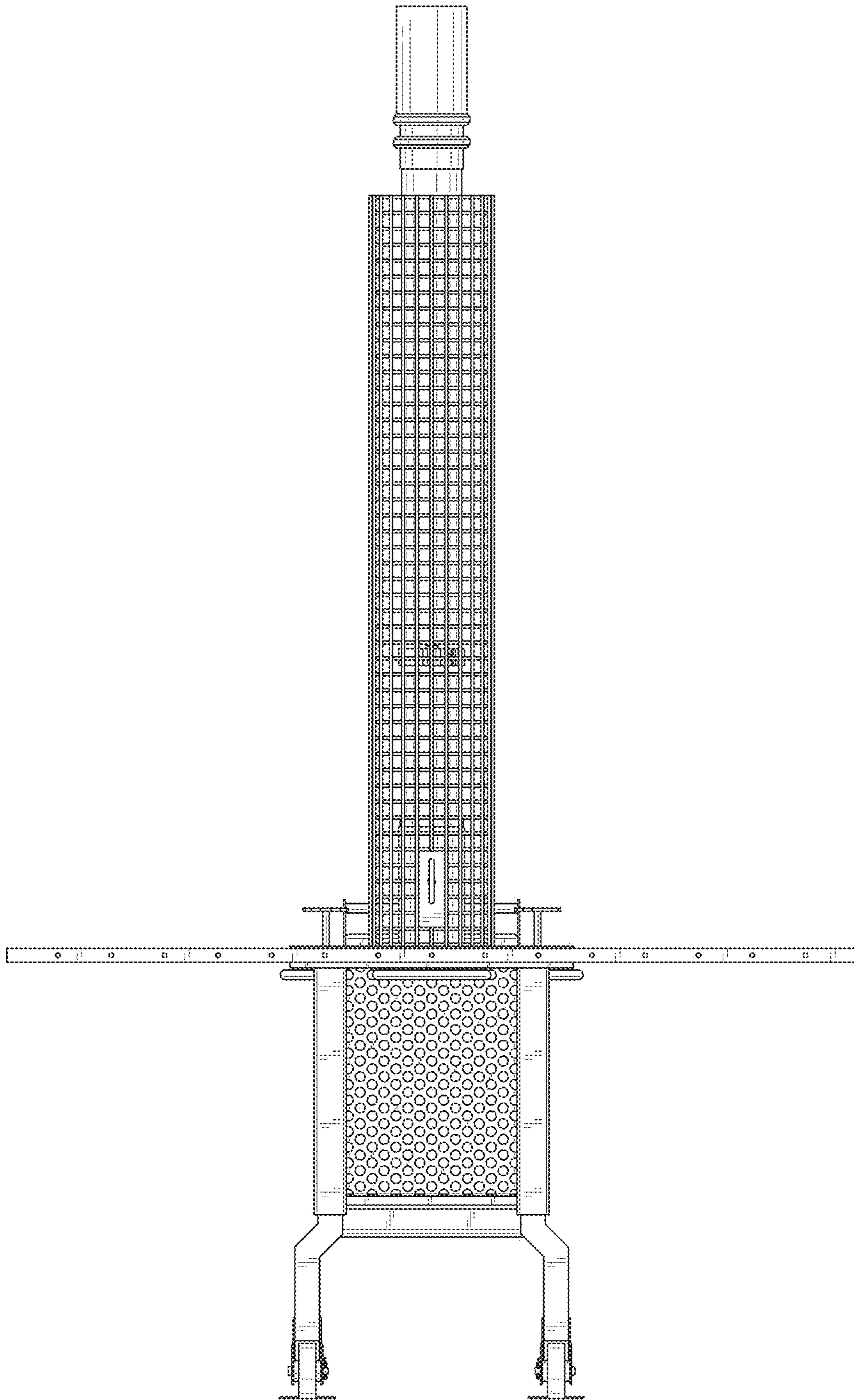


FIG. 3

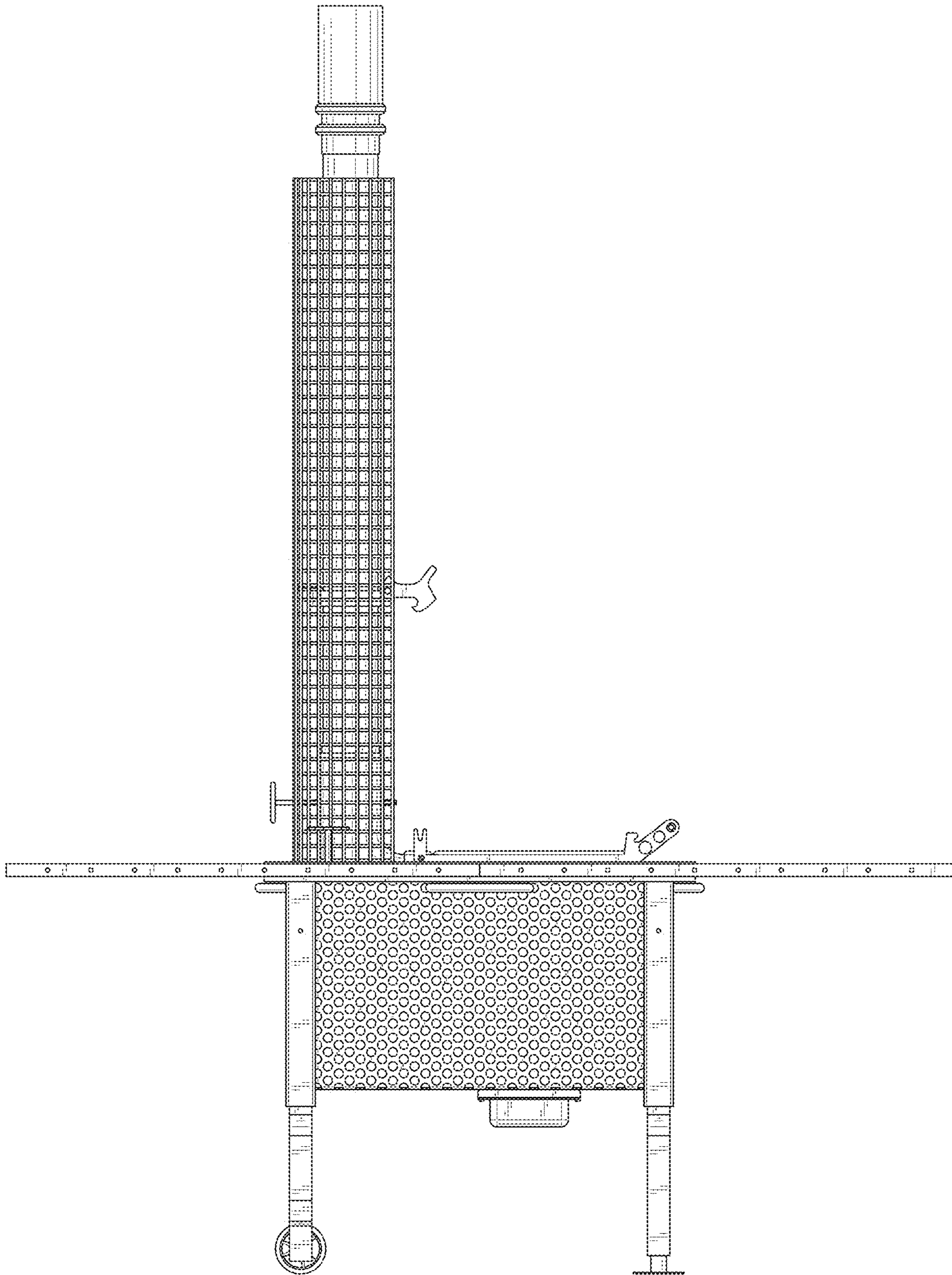


FIG. 4

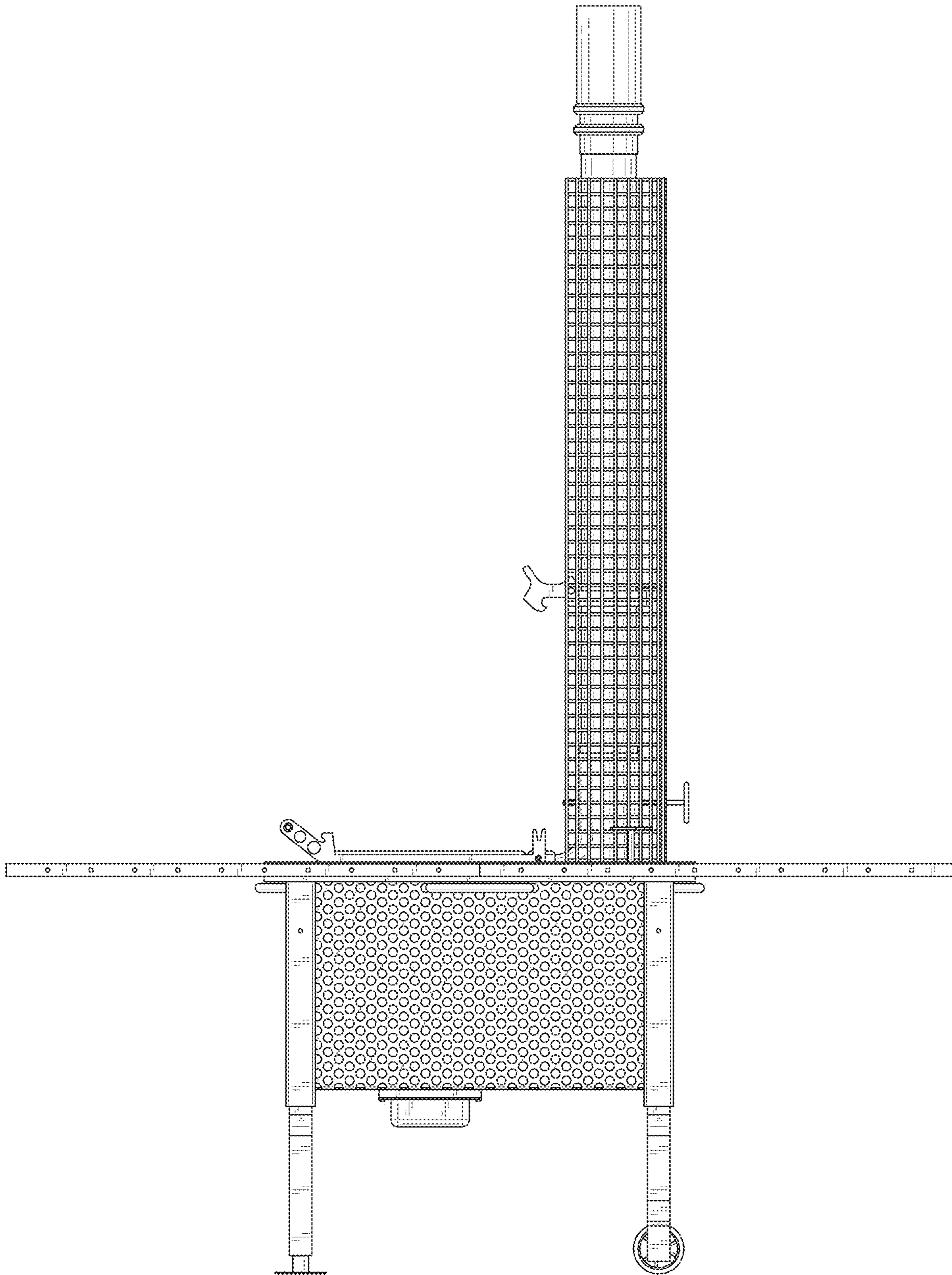


FIG. 5

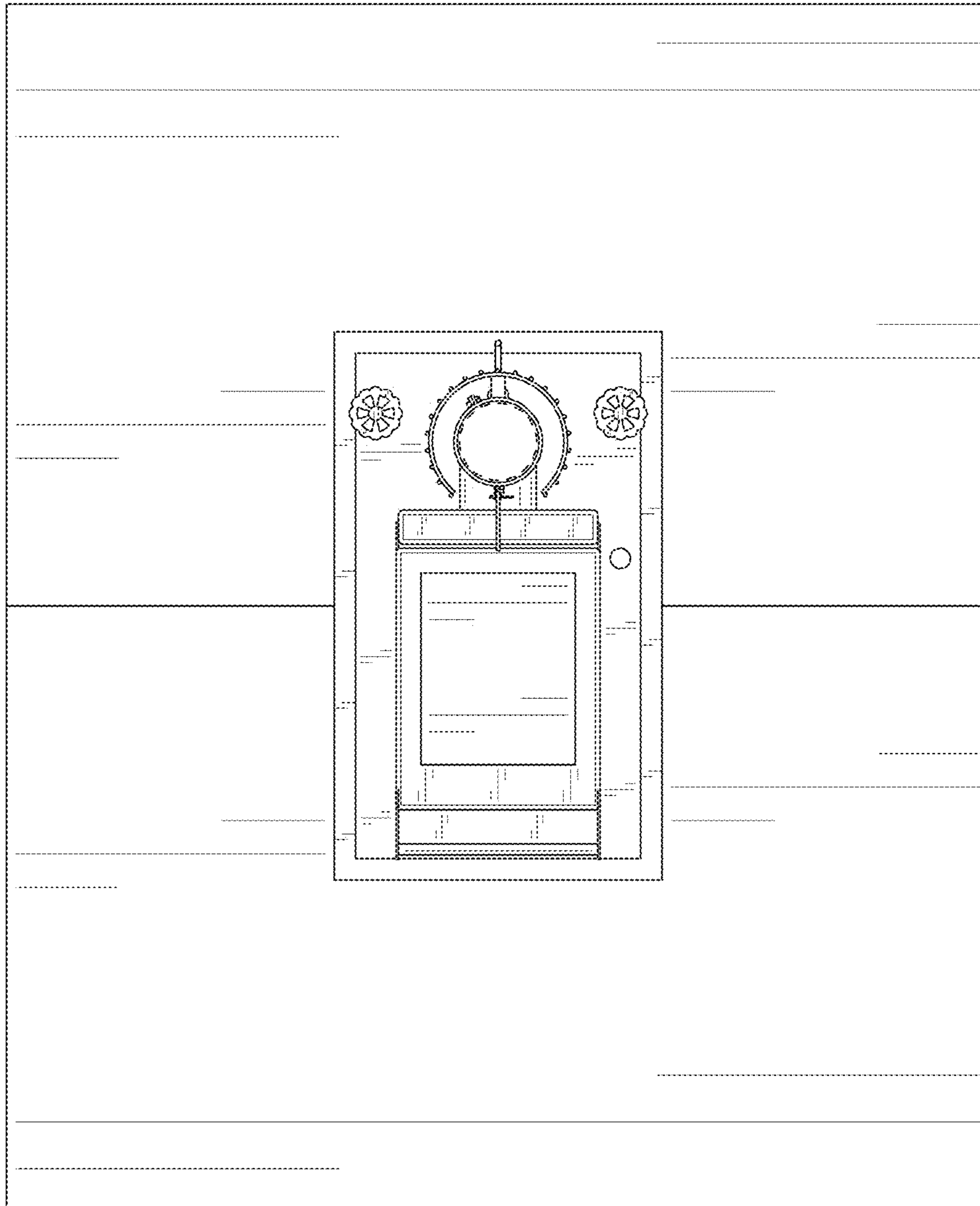


FIG. 6

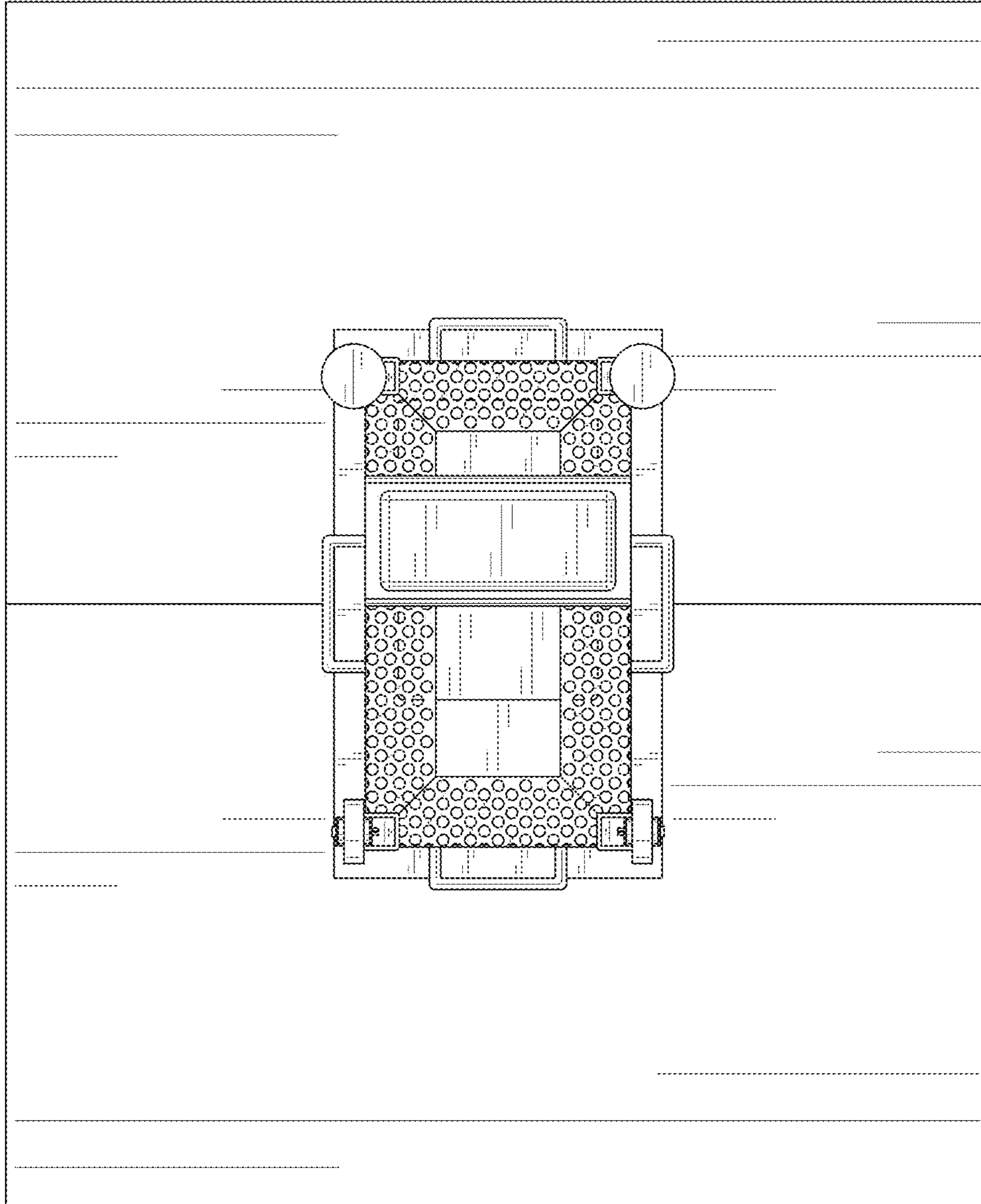


FIG. 7