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(12) **United States Design Patent** (10) **Patent No.:** **US D982,622 S**  
**Kong** (45) **Date of Patent:** **\*\* Apr. 4, 2023**

(54) **3D VACUUM HEAT TRANSFER MACHINE**

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

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(51) **LOC (14) Cl.** ..... **15-09**

(52) **U.S. Cl.**  
USPC ..... **D15/122; D15/135**

(58) **Field of Classification Search**  
USPC ..... D7/336, 337, 352, 356, 362, 602;  
D15/122, 123, 144, 146; D18/50, 53  
CPC .. B41F 16/00; B41F 16/0026; B41F 16/0093;  
B41F 1/38; B30B 15/047; B30B 15/061;  
B30B 15/064; B30B 15/34; B41M 1/40;  
B41M 5/035; B44C 1/1712  
See application file for complete search history.

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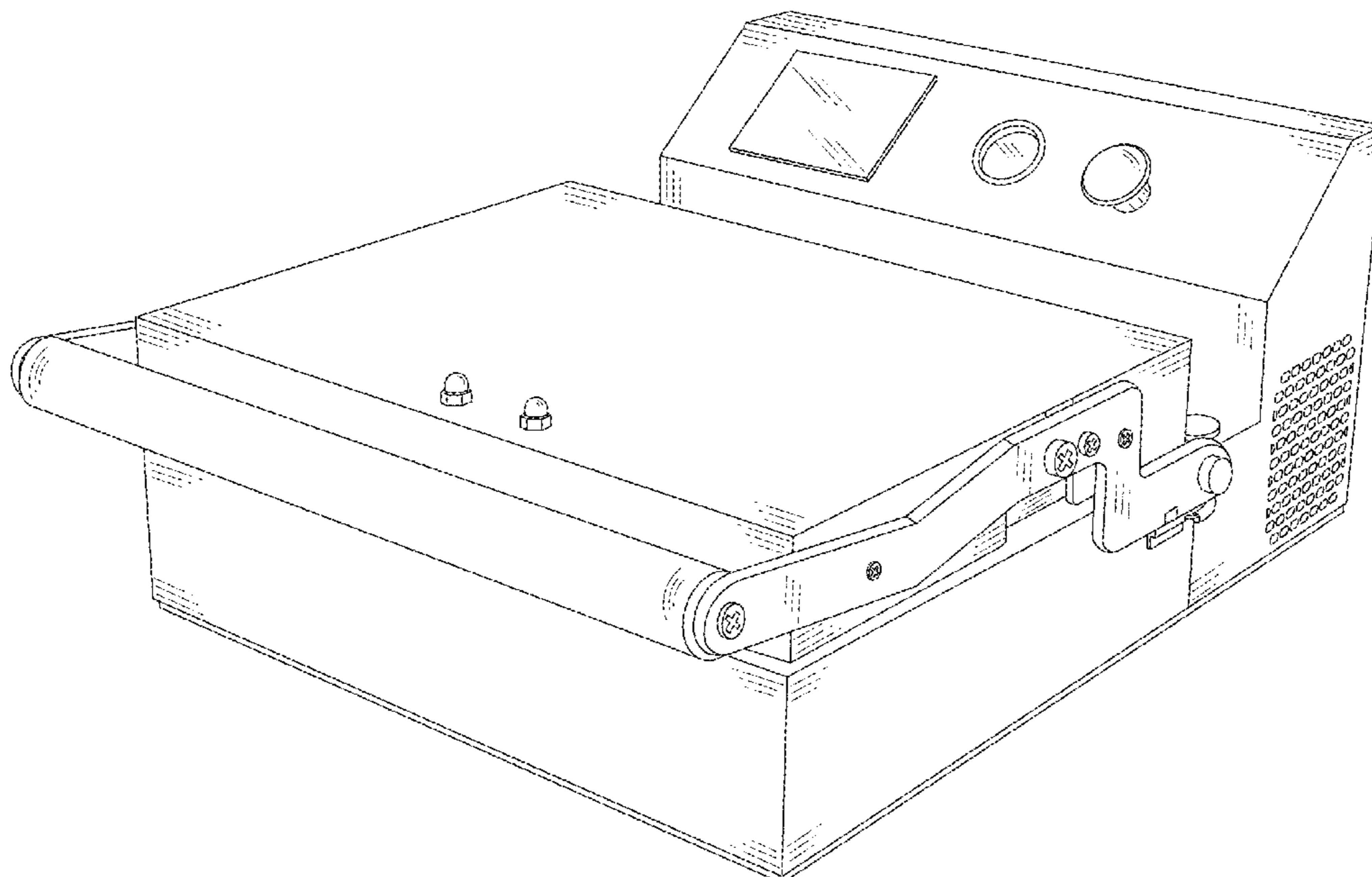
(57) **CLAIM**

The ornamental design for a 3D vacuum heat transfer machine, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a 3D vacuum heat transfer machine showing my new design;  
FIG. 2 is a front elevation view thereof;  
FIG. 3 is a rear elevation view thereof;  
FIG. 4 is a left side elevation view thereof;  
FIG. 5 is a right side elevation view thereof;  
FIG. 6 is a top plan view thereof;  
FIG. 7 is a bottom plan view thereof; and,  
FIG. 8 is another perspective view thereof, showing the open state.  
The broken lines depict portion of the 3D vacuum heat transfer machine and form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



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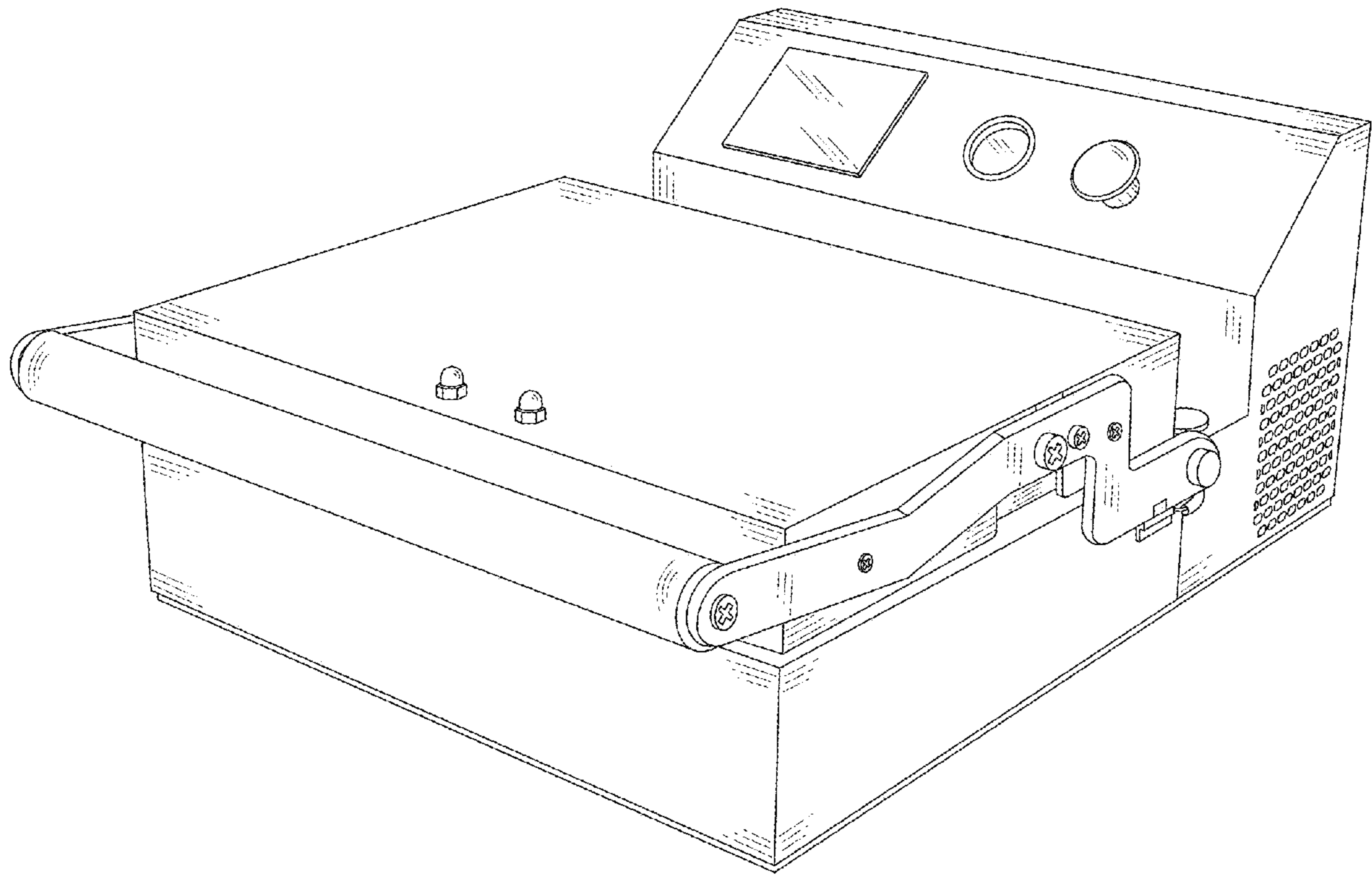


FIG. 1

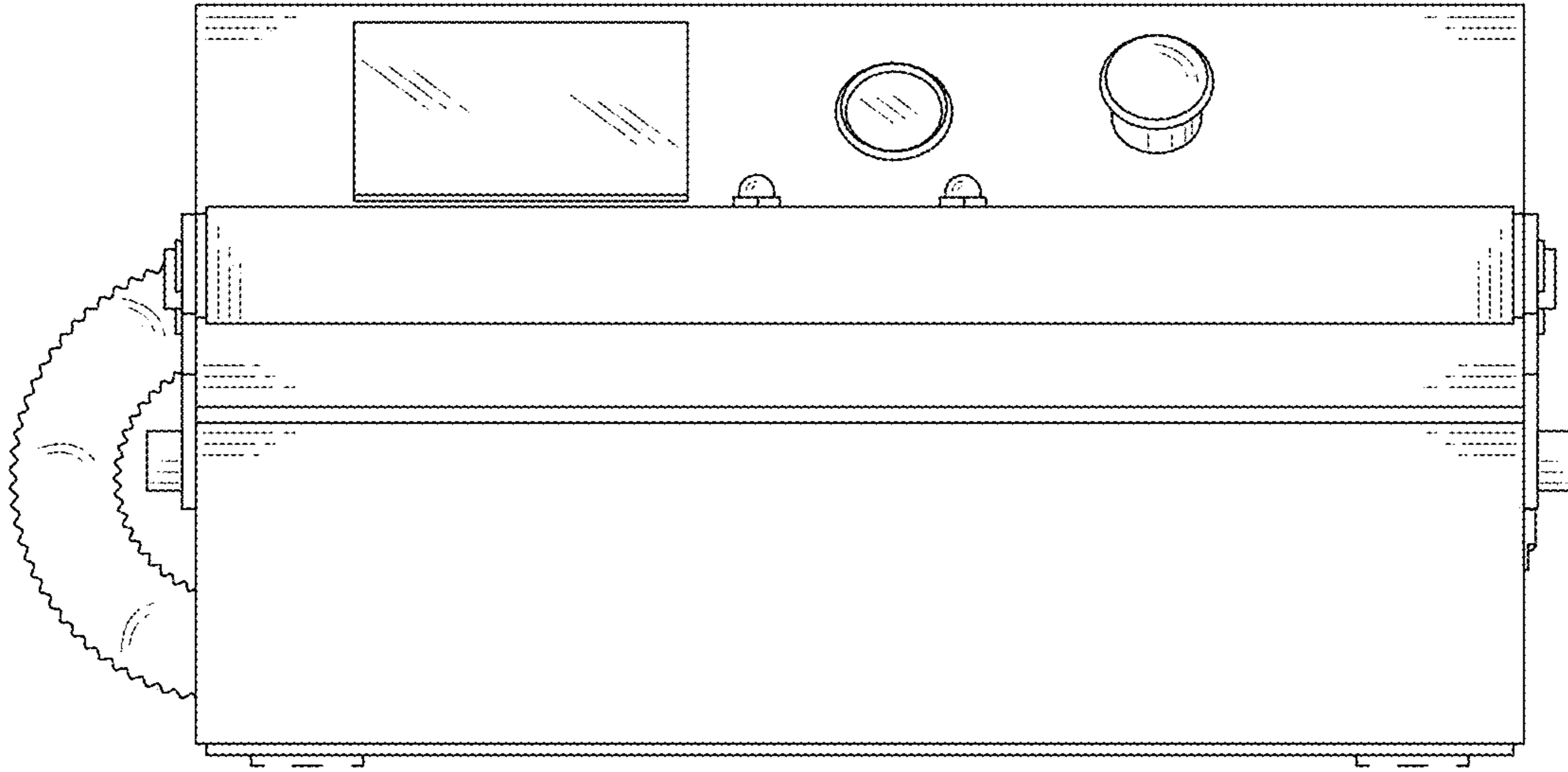


FIG. 2

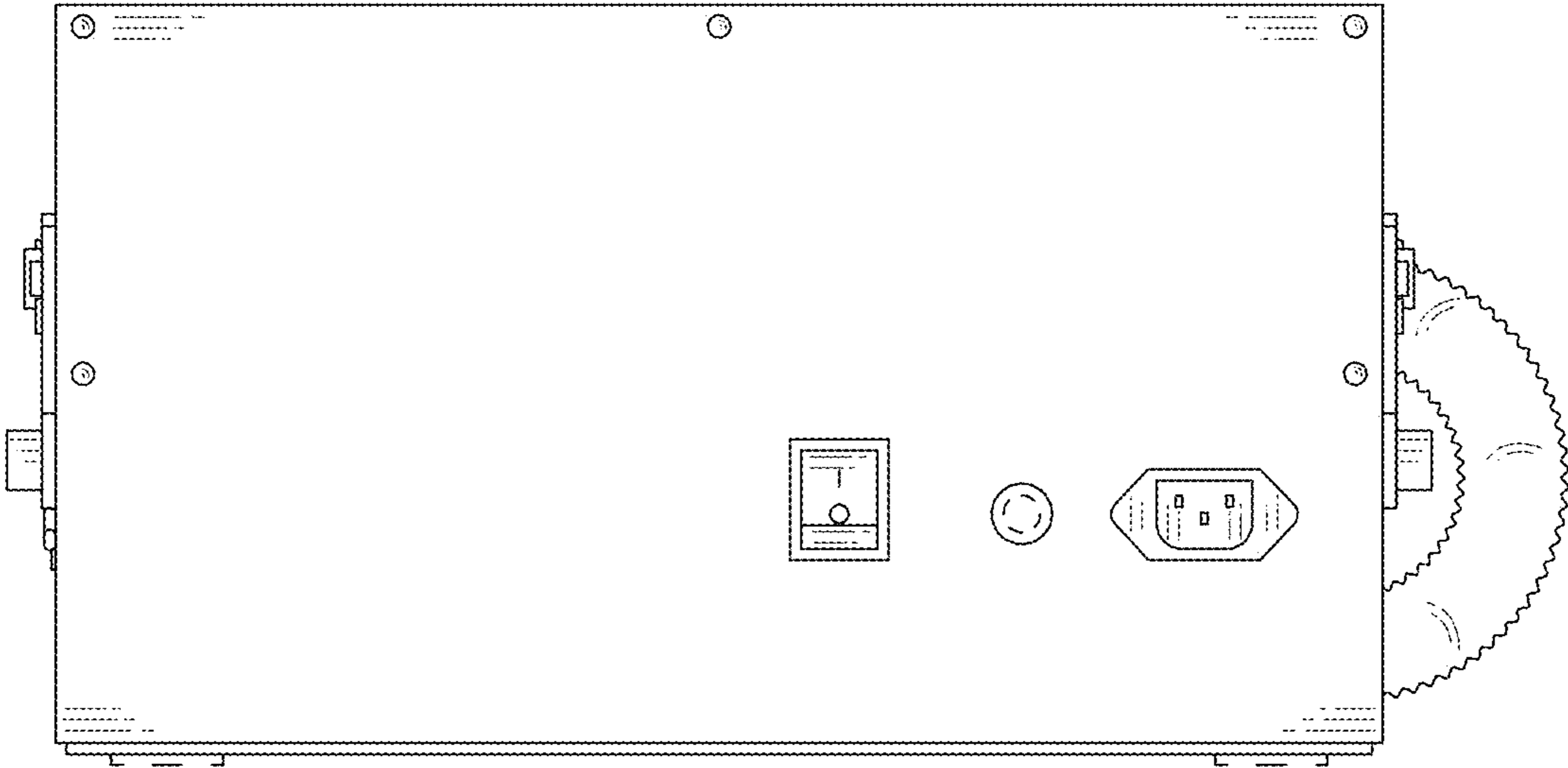


FIG. 3

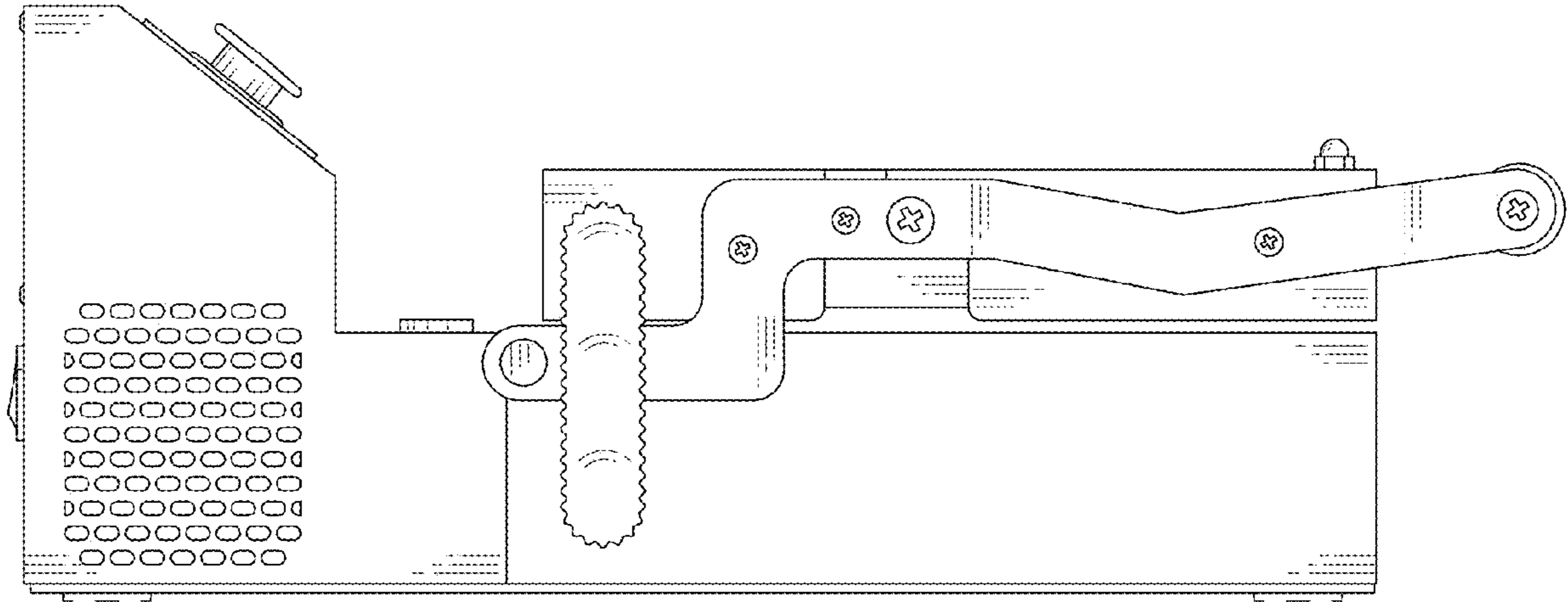


FIG. 4

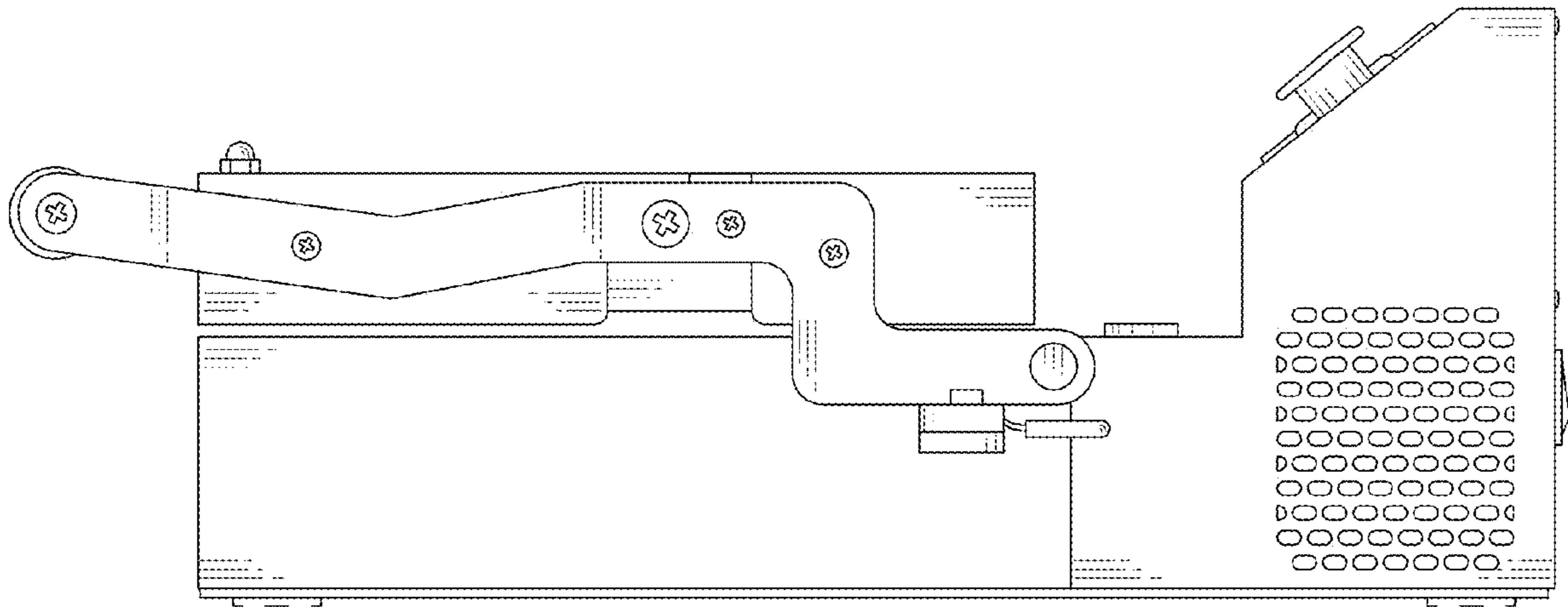


FIG. 5

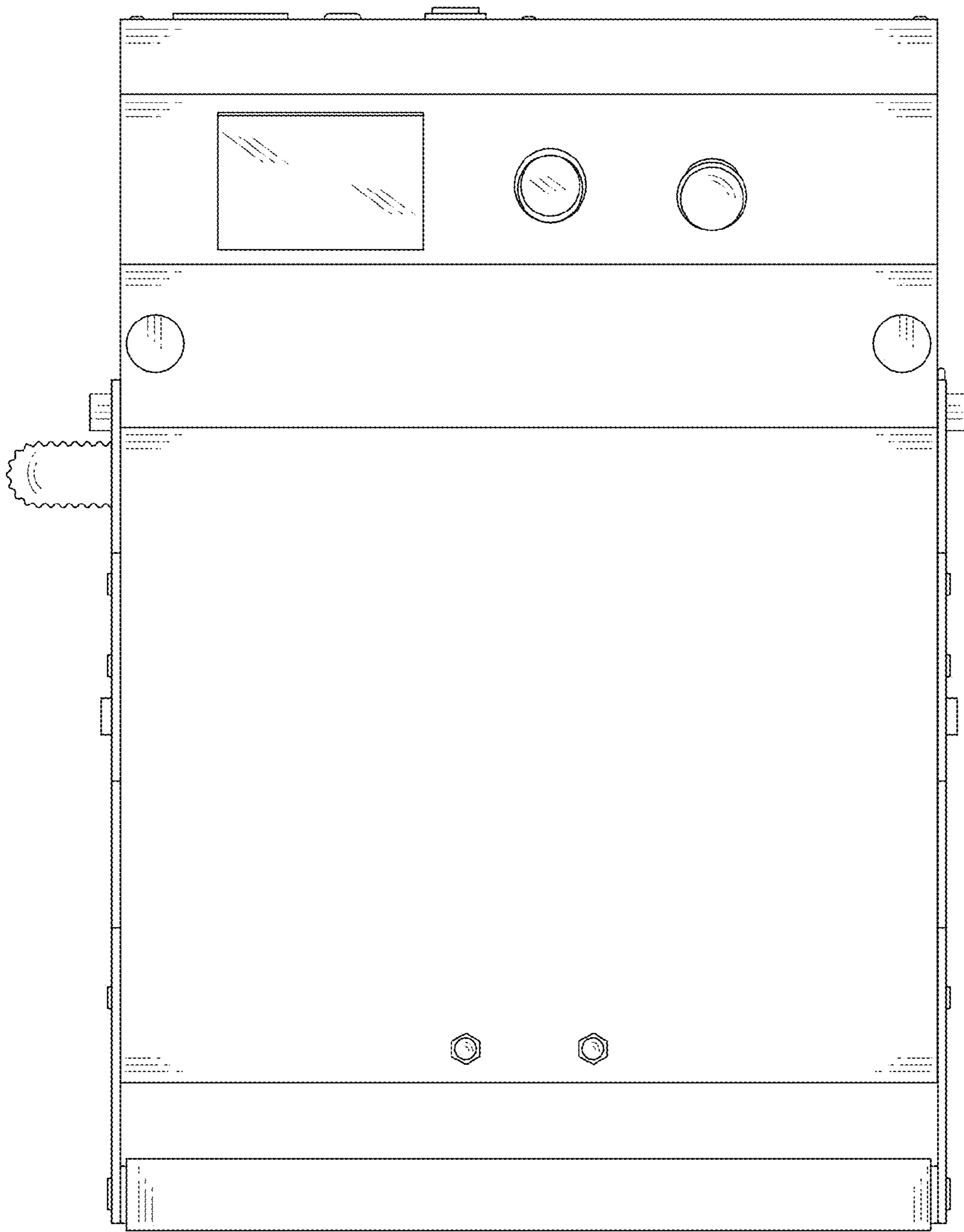


FIG. 6



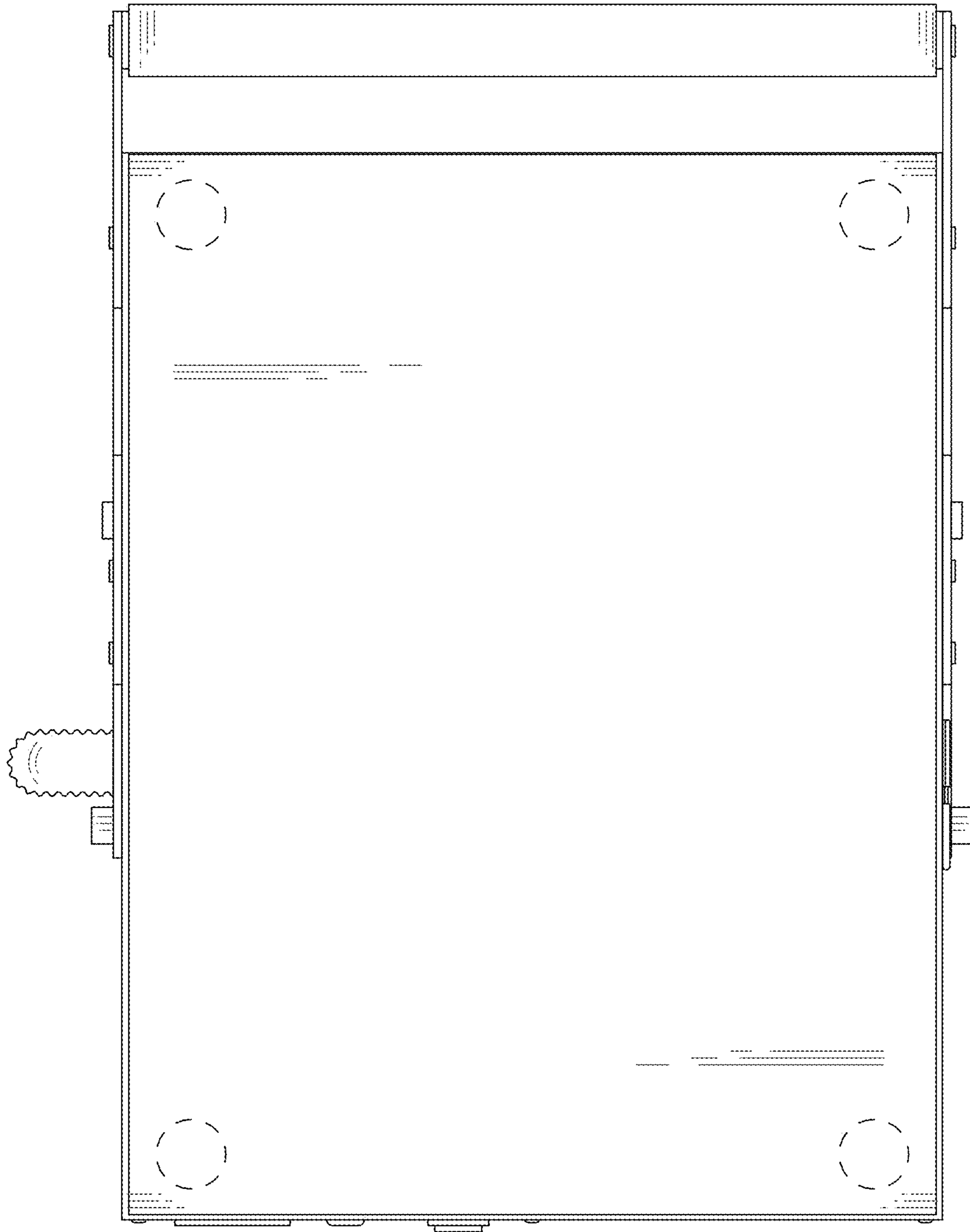


FIG. 7

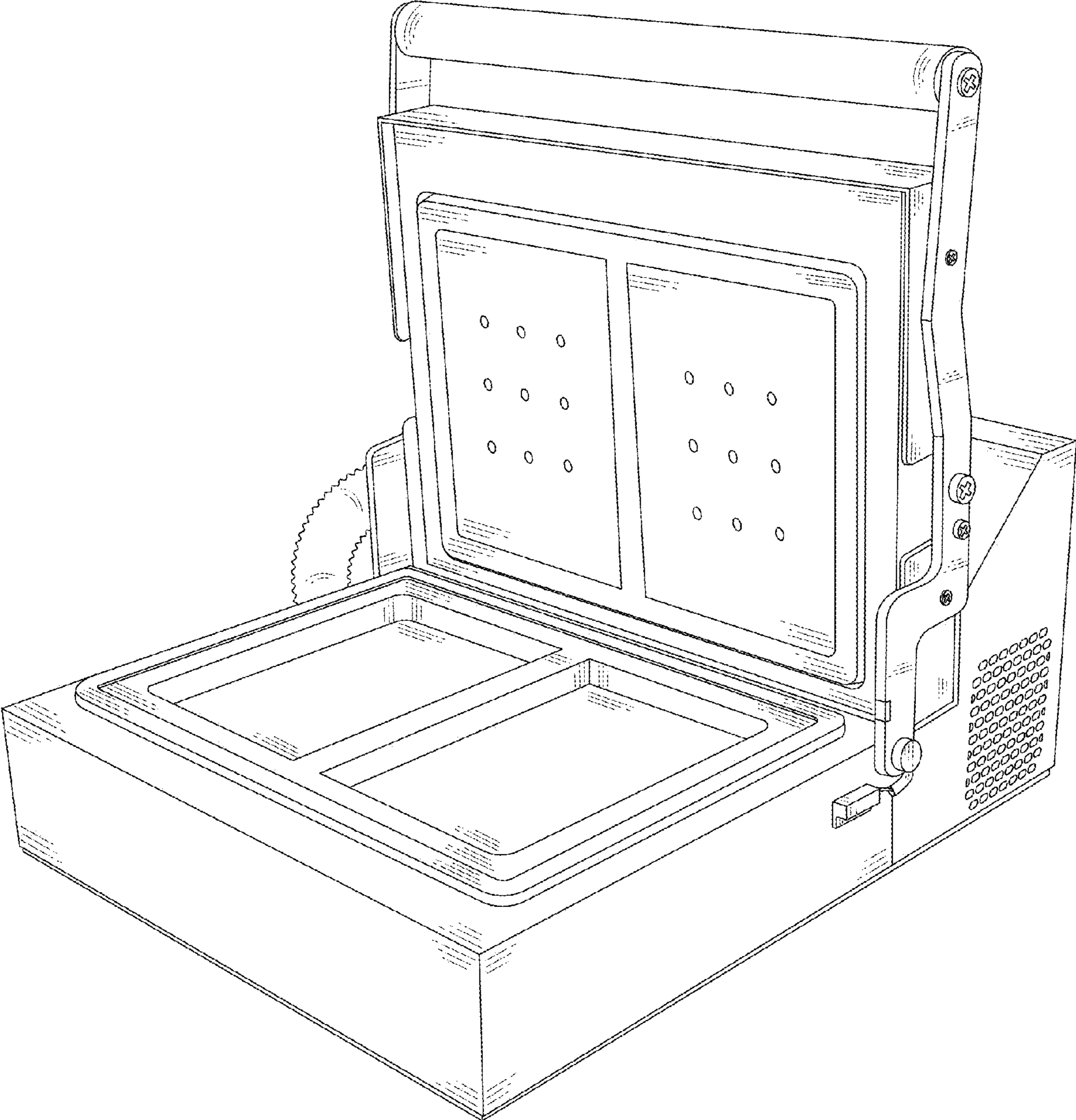


FIG. 8