



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

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(54) **LIQUID-COOLED OPTICAL REFLECTOR**

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(58) **Field of Classification Search**  
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D10/106, 113, 116.1, 121; D26/113, 120,  
D26/124, 138  
CPC ..... A63H 30/04; G05G 2009/04748;  
H04B 1/1027; F21S 8/04; F21S 2/005;  
F21S 2/00; B29D 21/04; F21V 15/015;  
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See application file for complete search history.

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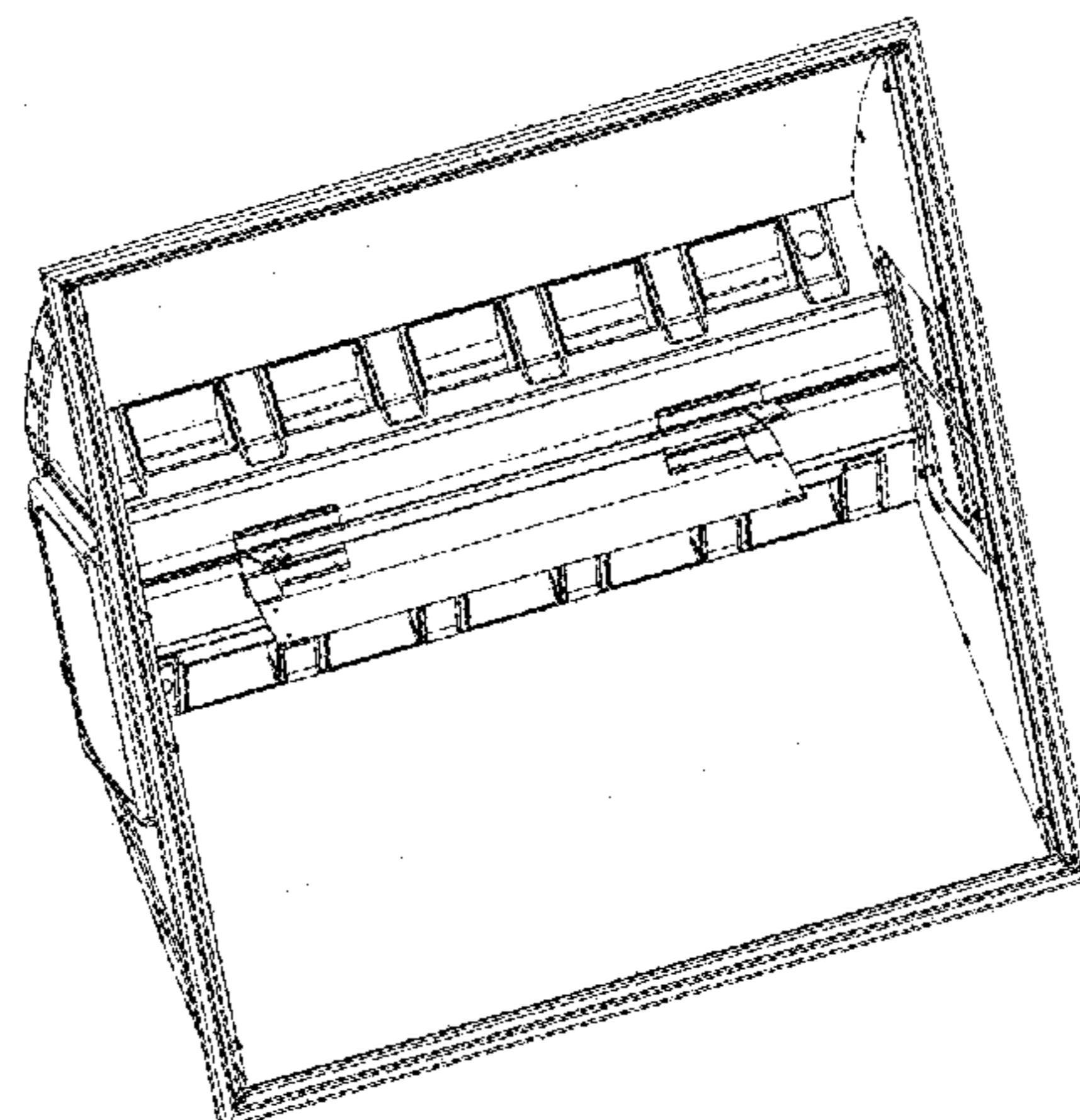
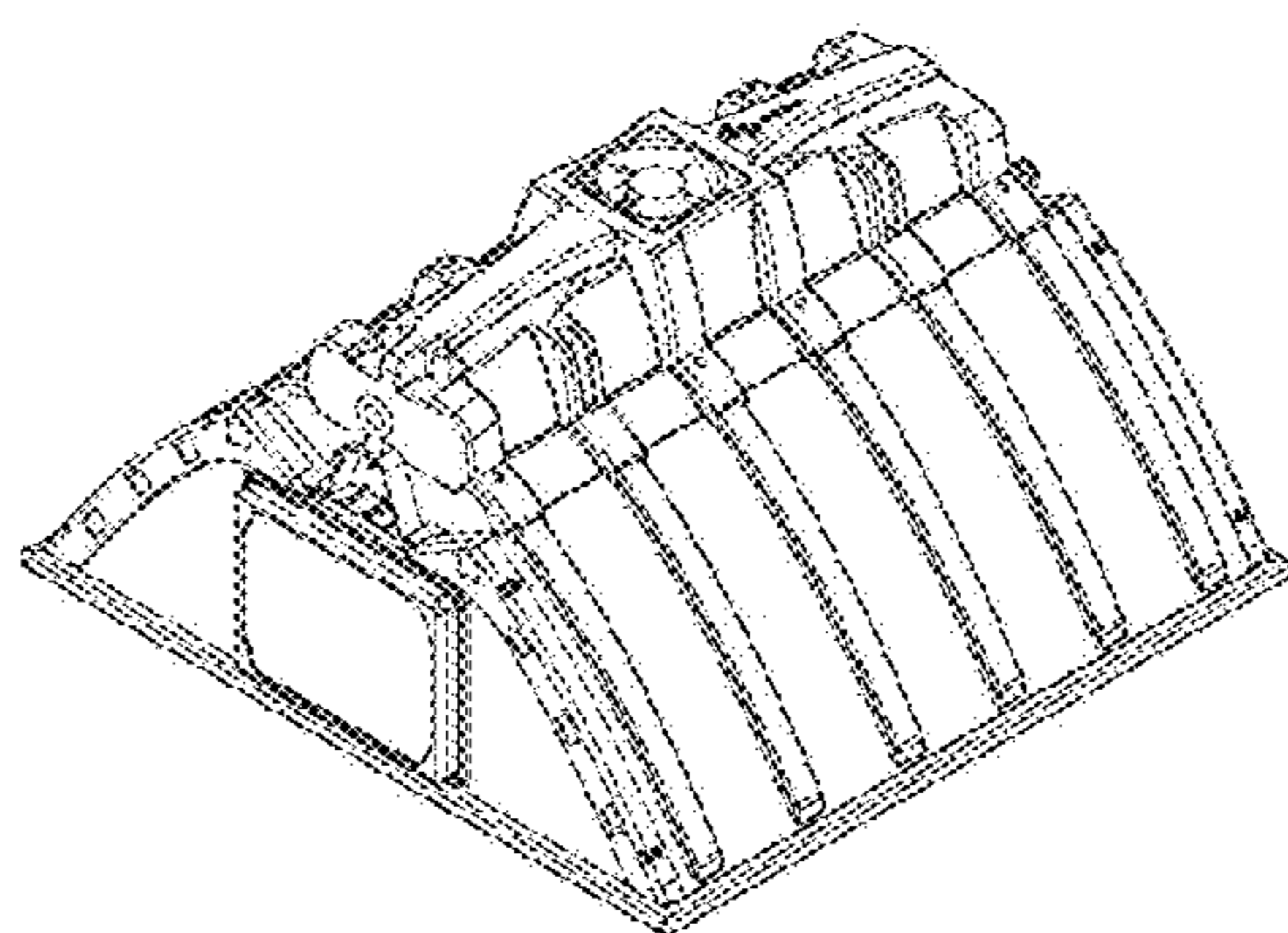
(57) **CLAIM**

The ornamental design for a liquid-cooled optical reflector, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front and left perspective view of an air-cooled optical reflector showing our new design;  
 FIG. 2 is a right view thereof;  
 FIG. 3 is a left view thereof;  
 FIG. 4 is a front, view thereof, the rear view being identical thereto;  
 FIG. 5 is a top view thereof;  
 FIG. 6 is a bottom view thereof;  
 FIG. 7 is a bottom perspective view thereof, wherein the inward-facing top and rear surfaces are mirror images of each other, and the inward-facing left and right surfaces are mirror images of each other; and,  
 FIG. 8 is a sectional view of the liquid-cooled optical reflector viewed from the left end.

**1 Claim, 7 Drawing Sheets**



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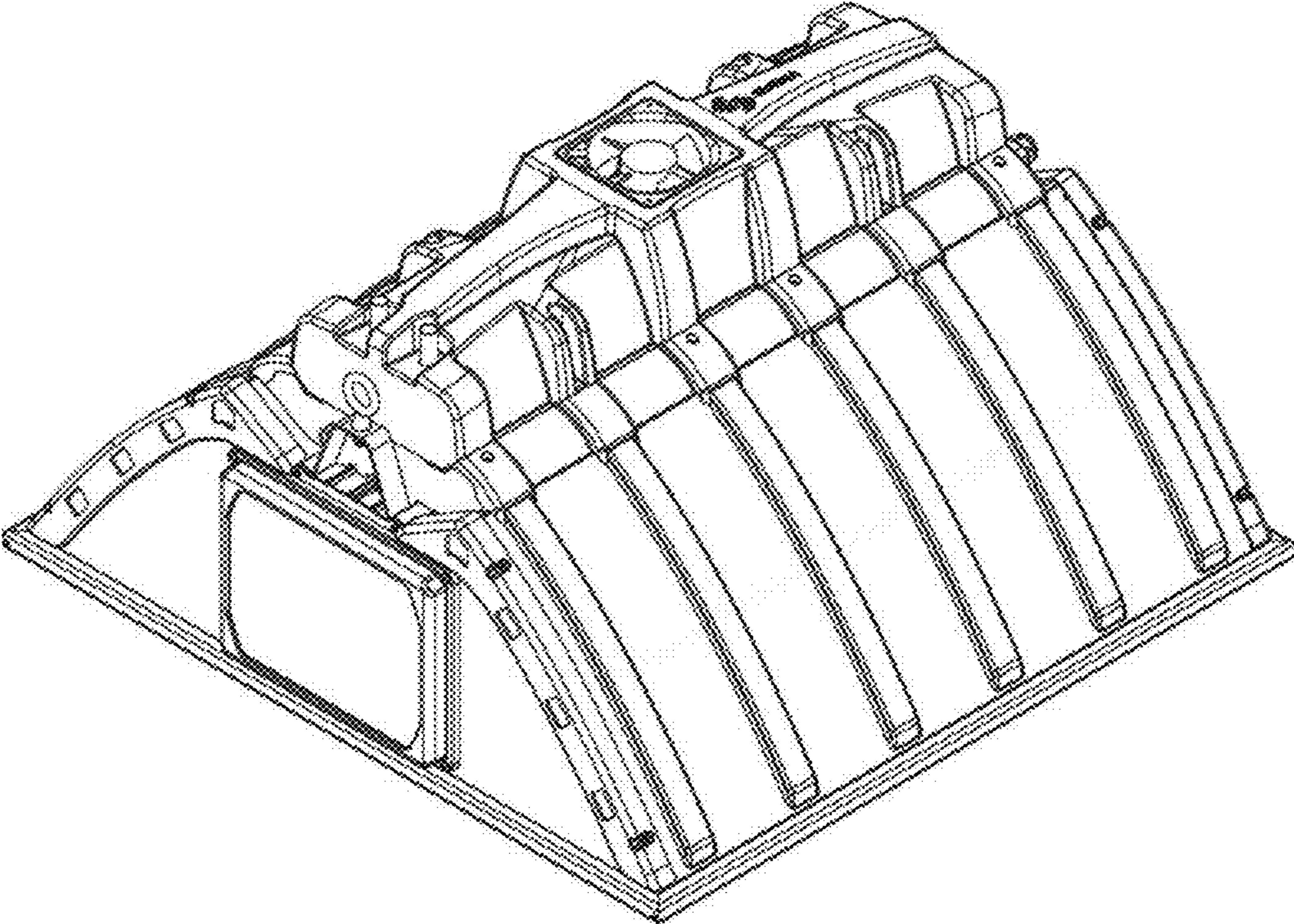


FIG. 1

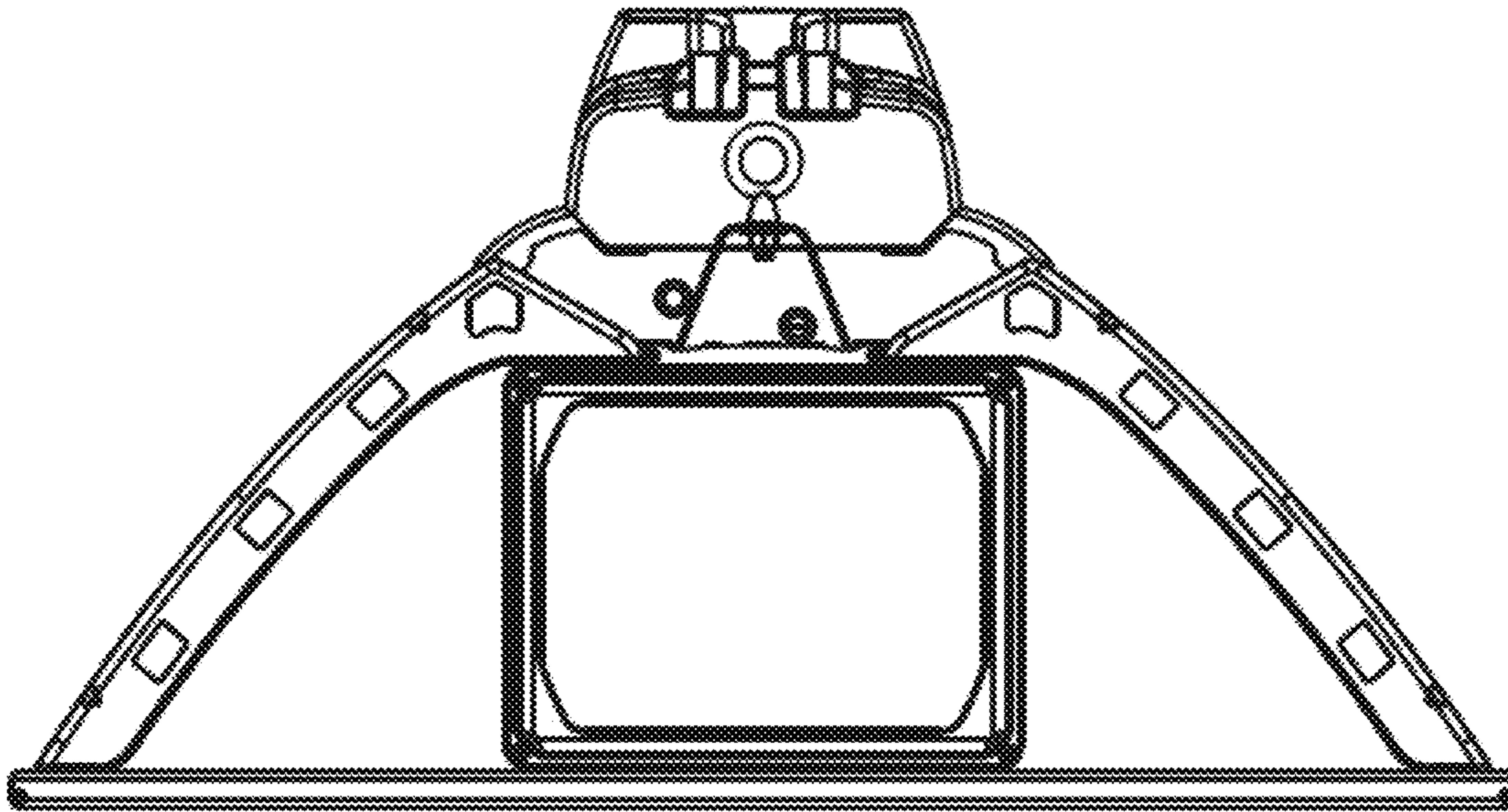


FIG. 2

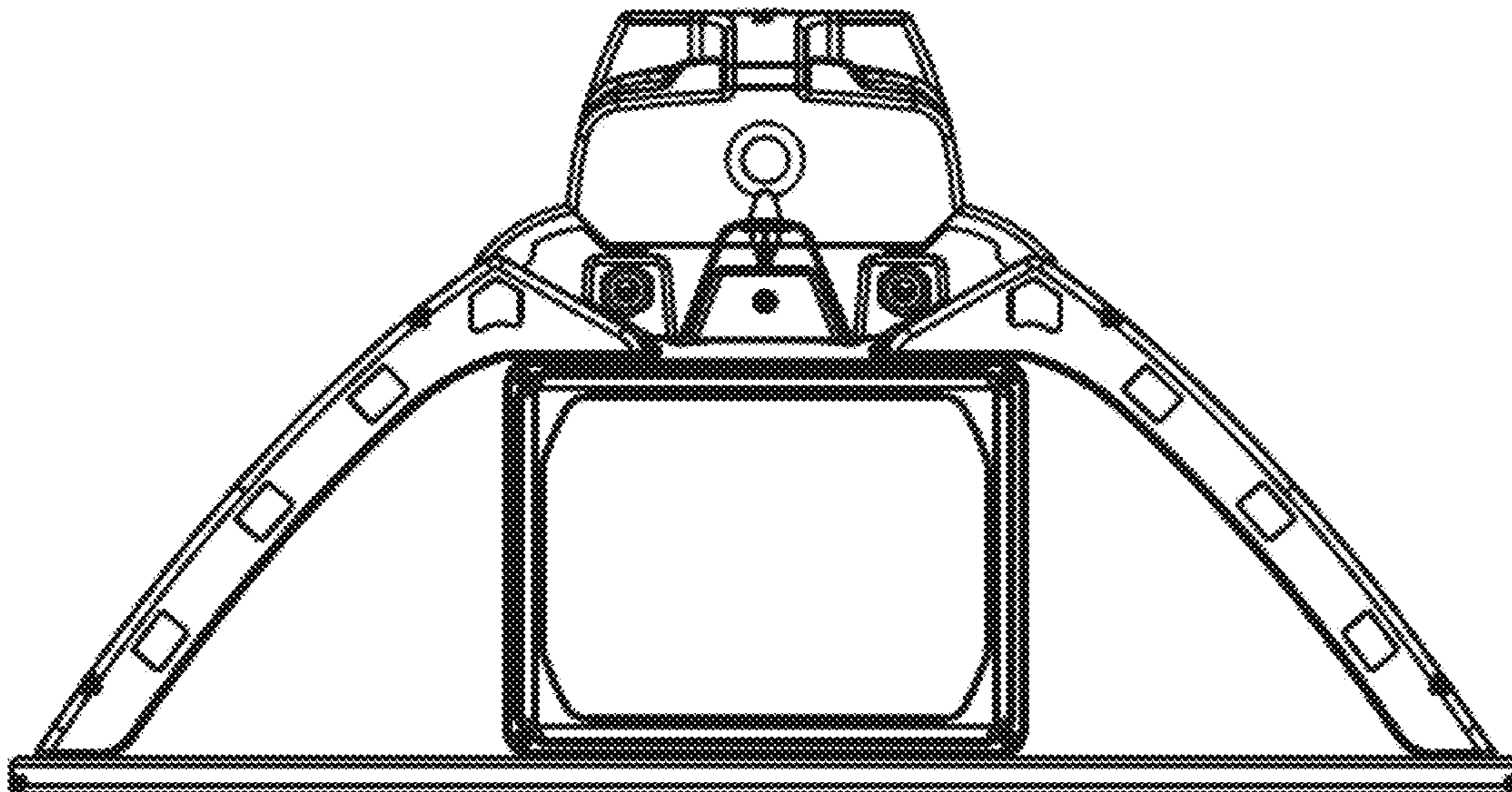


FIG. 3

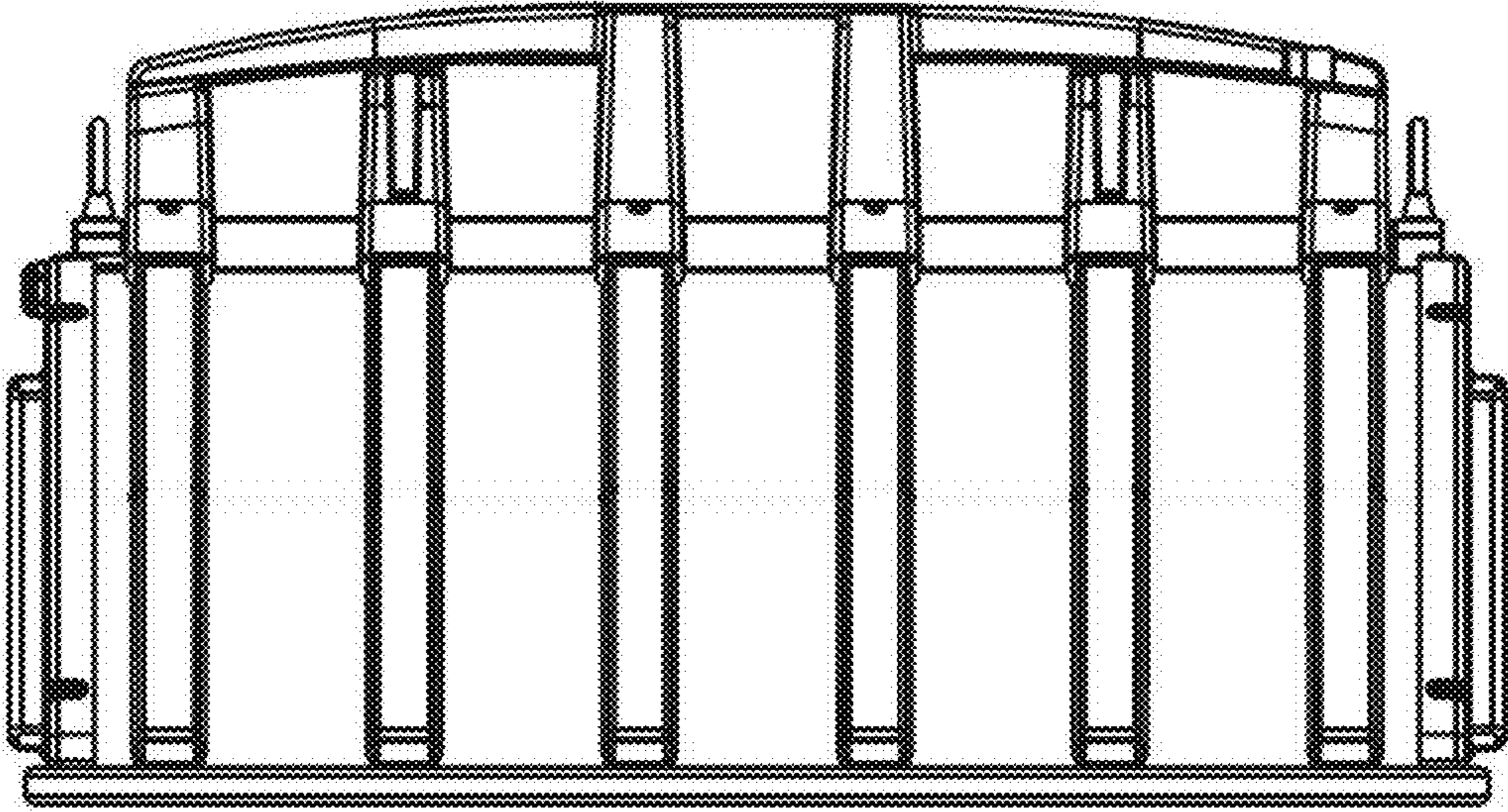


FIG. 4

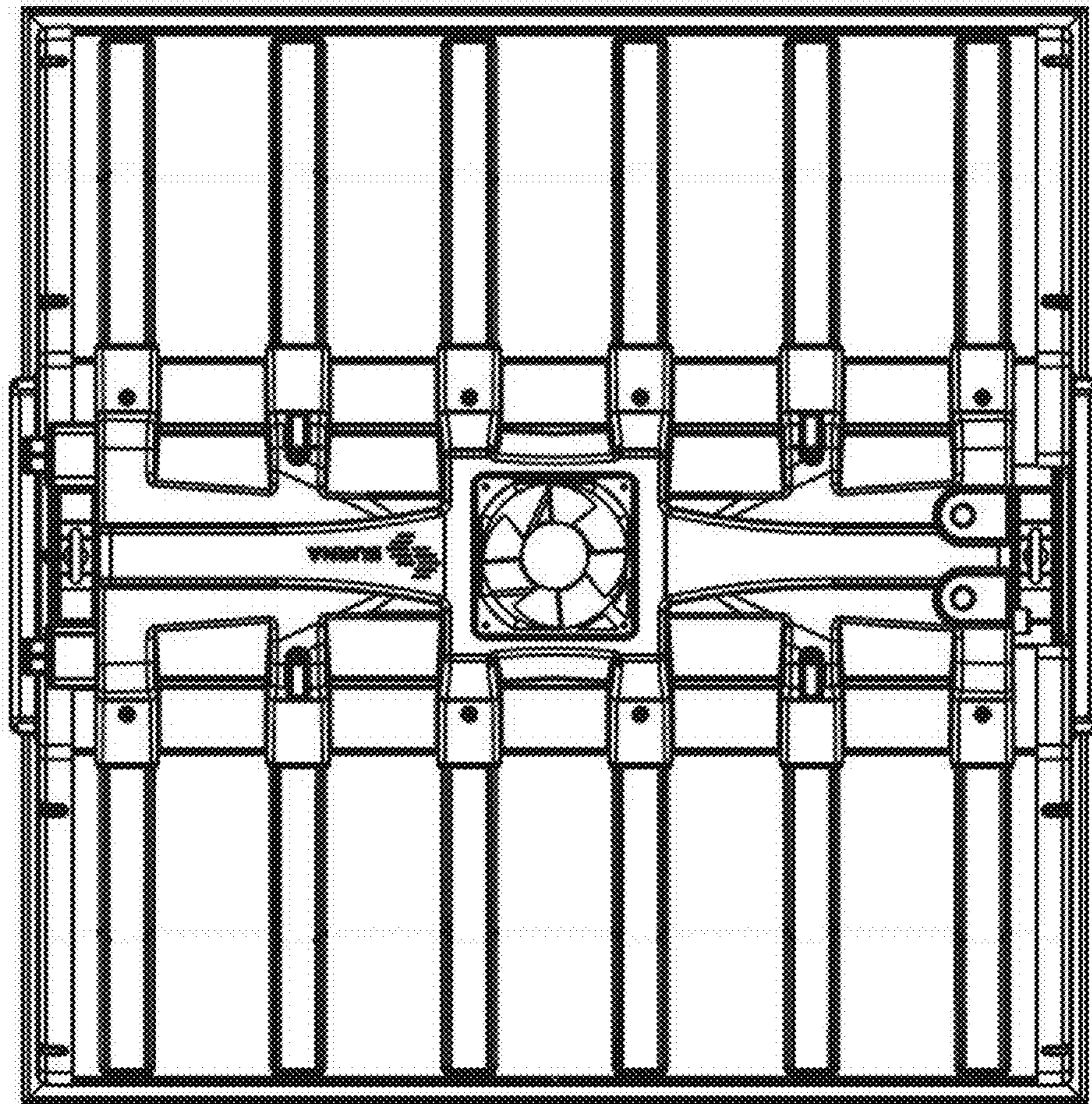


FIG. 5

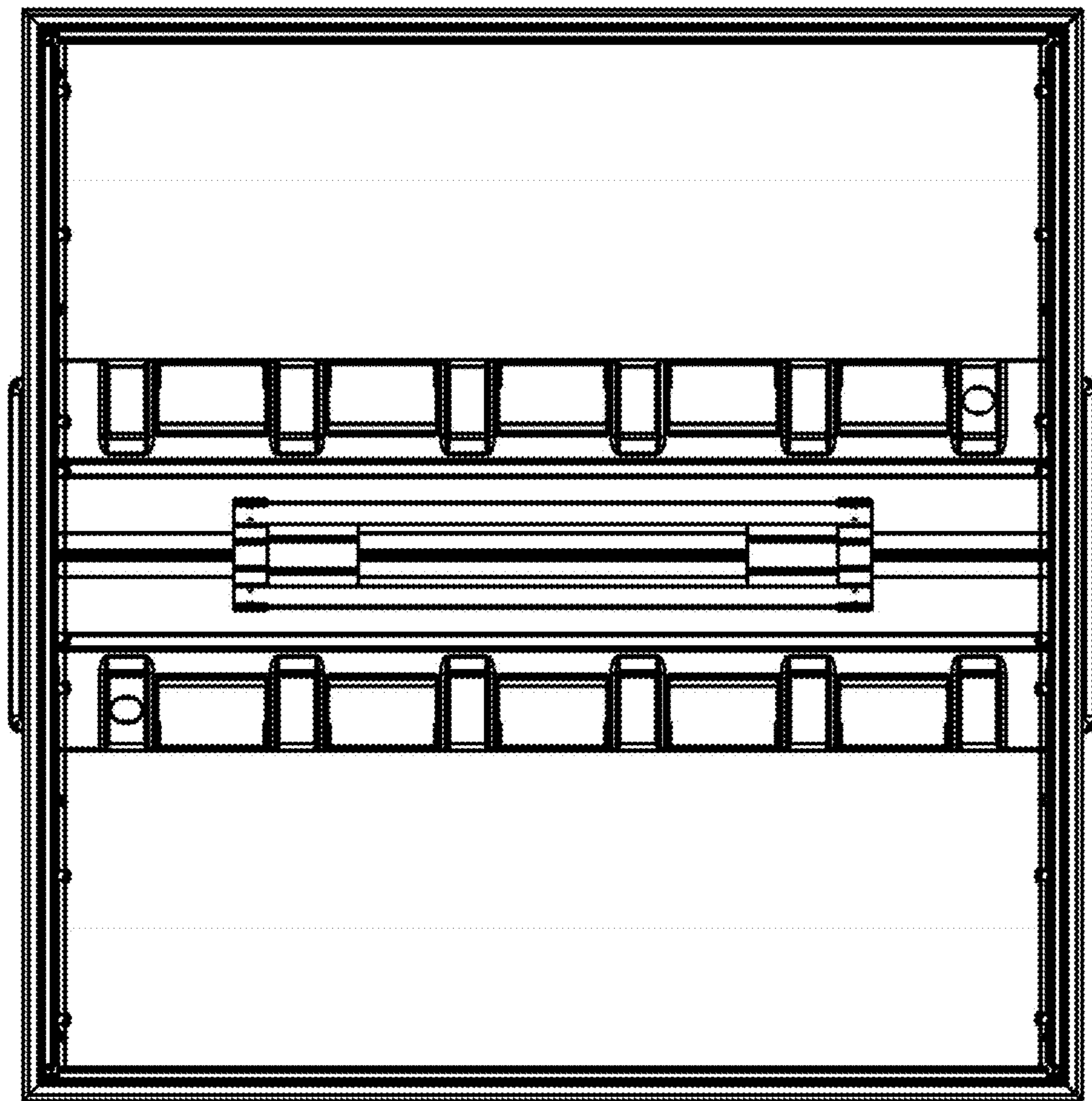


FIG. 6

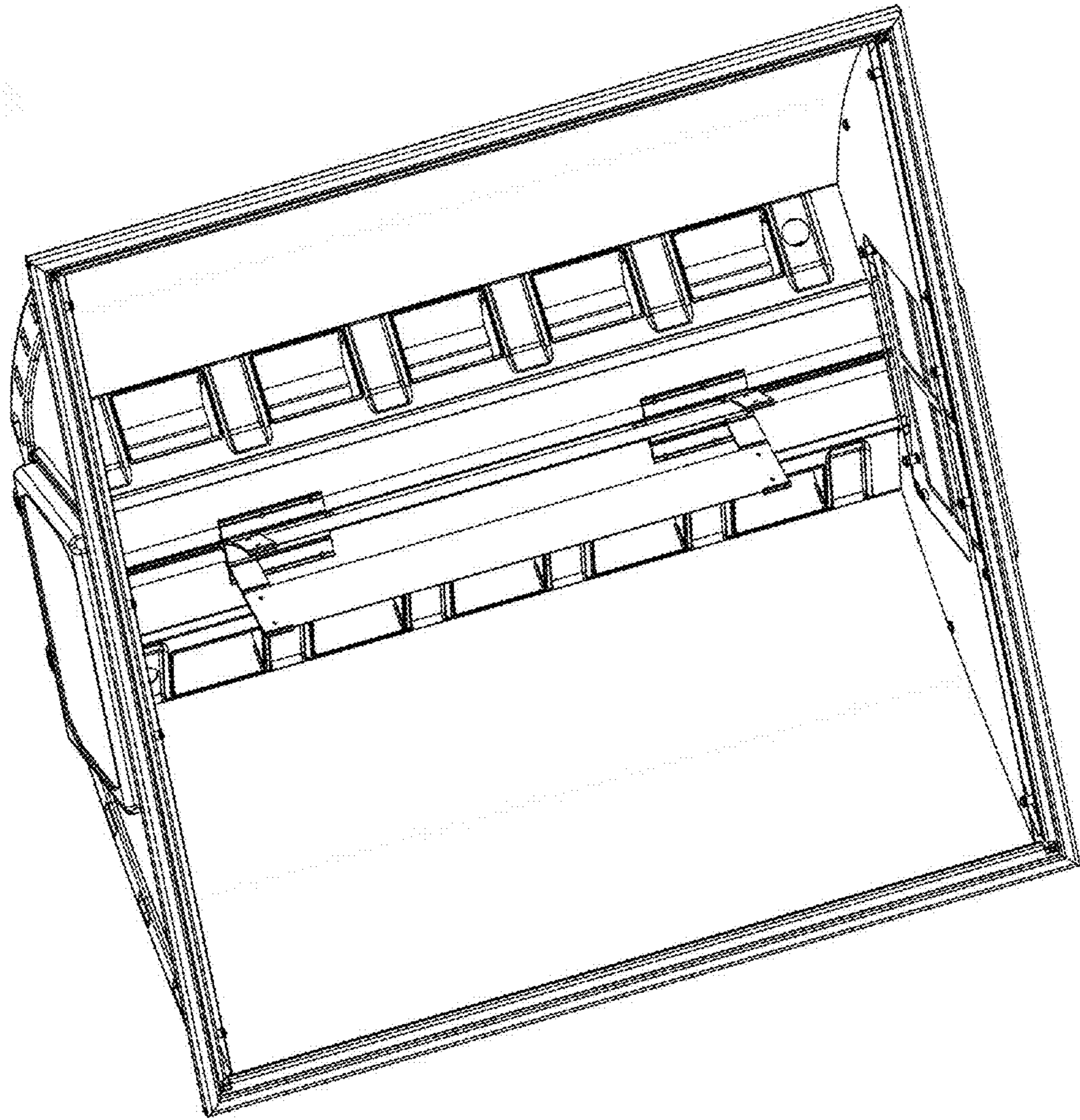


FIG. 7



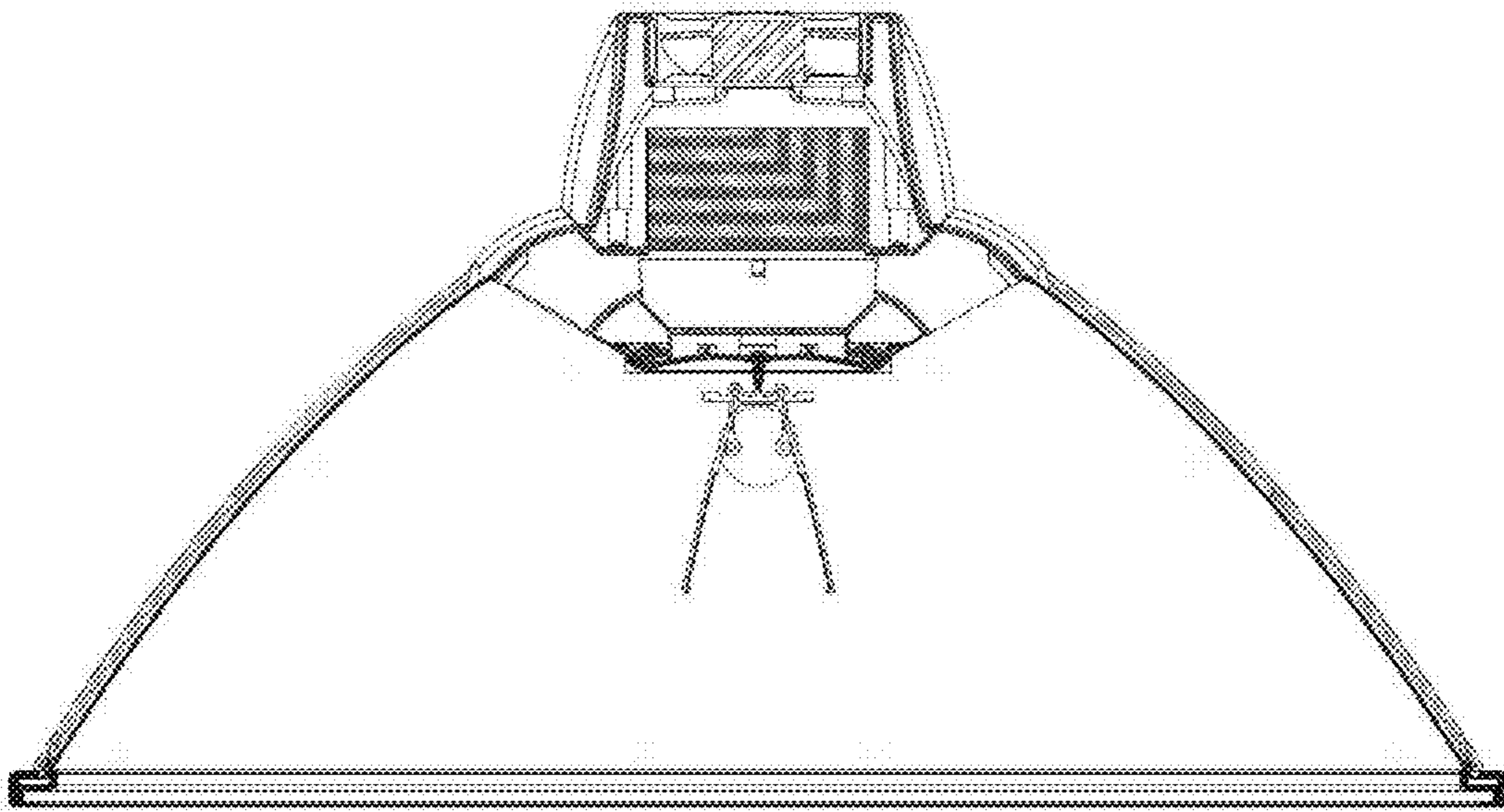


FIG. 8