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

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(54) **MANUAL SHARPENER FOR TEETH OF CHAIN SAWS**

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(\*\*) Term: **14 Years**

(21) Appl. No.: **29/361,241**

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(51) **LOC (9) Cl.** ..... **08-05**

(52) **U.S. Cl.** ..... **D8/91**

(58) **Field of Classification Search** ..... D8/9-92;  
30/138; 76/31, 36, 80.5; 451/419; 407/29.15  
See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a manual sharpener for teeth of chain saws, as shown and described.

**DESCRIPTION**

FIG. 1 is a front view of a manual sharpener for teeth of chain saws, showing our new design;

FIG. 2 is a rear view thereof;

FIG. 3 is a top view thereof;

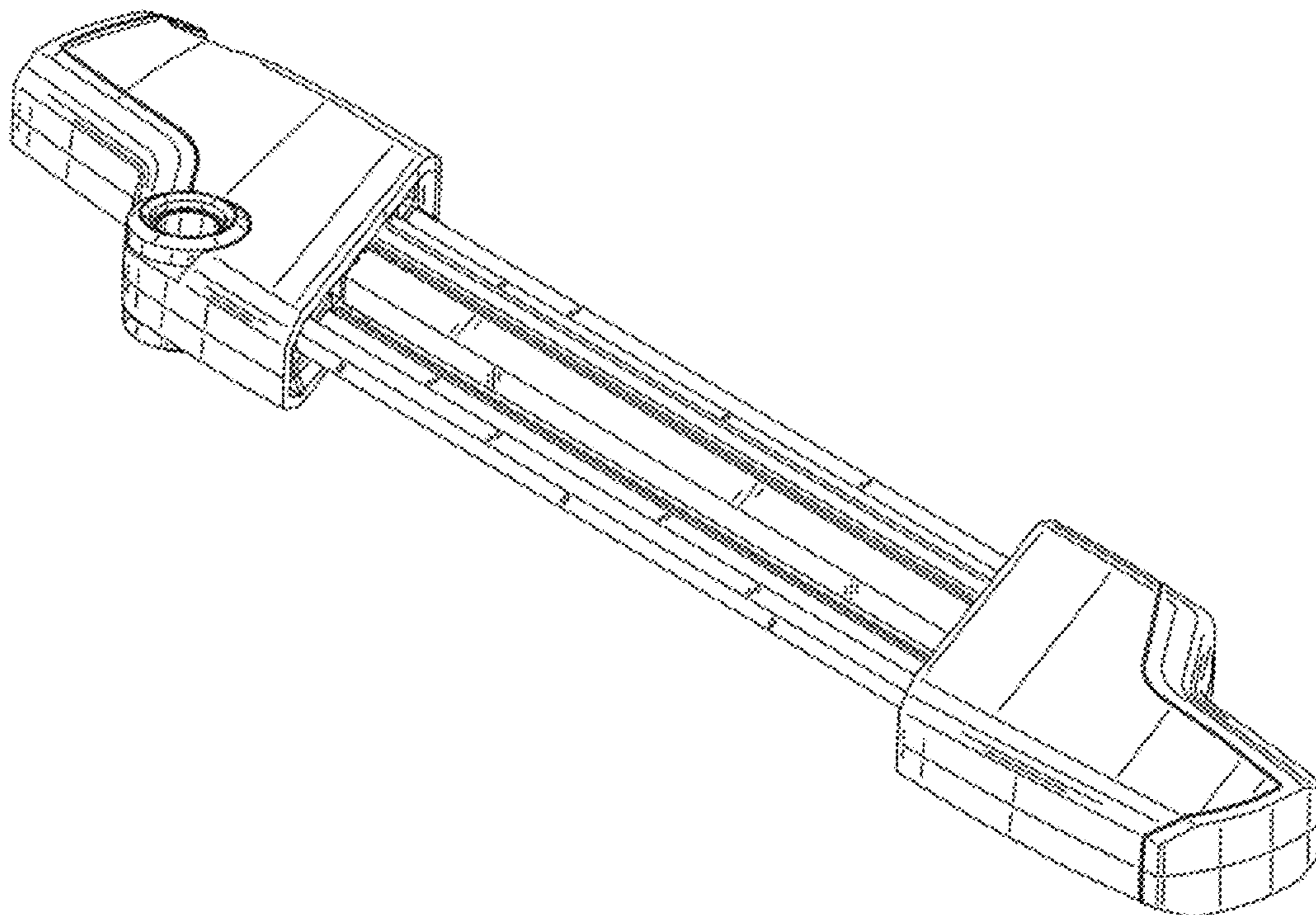
FIG. 4 is a bottom view thereof;

FIG. 5 is a lateral view (right side) thereof;

FIG. 6 is a lateral view (left side) thereof; and,

FIG. 7 is a perspective view thereof.

**1 Claim, 7 Drawing Sheets**



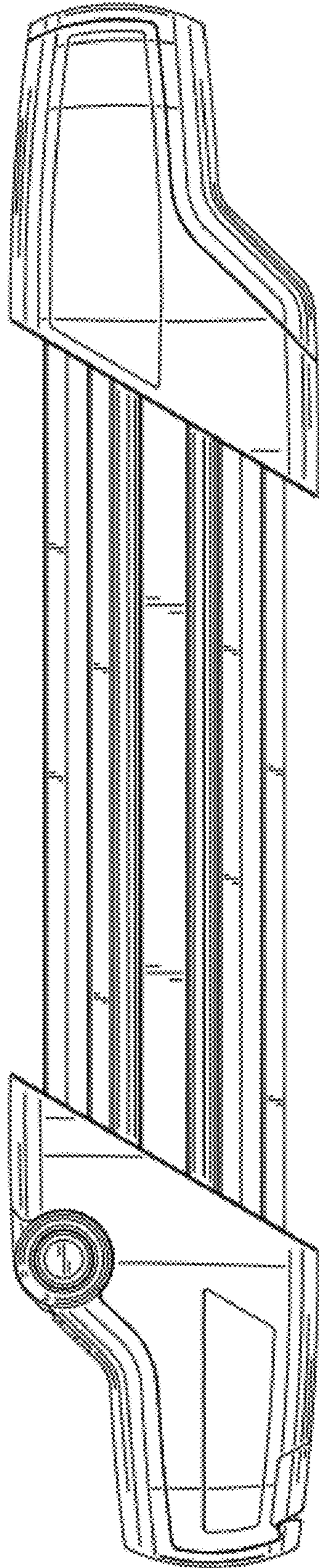


FIG. 1



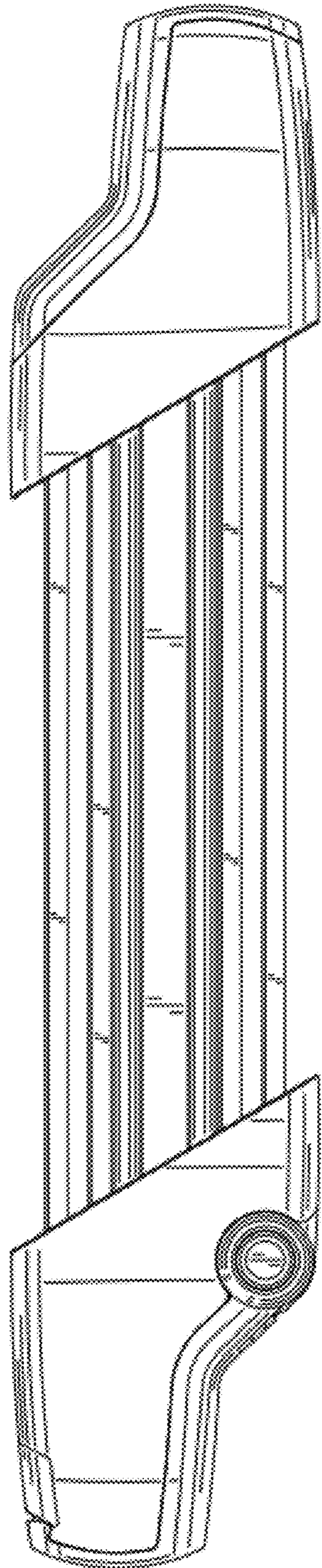


FIG. 2

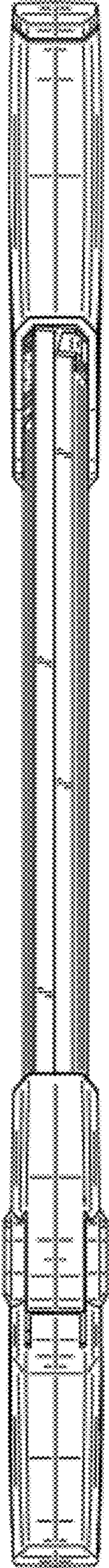


FIG. 3

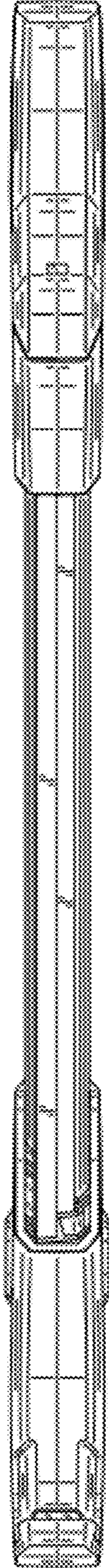


FIG. 4



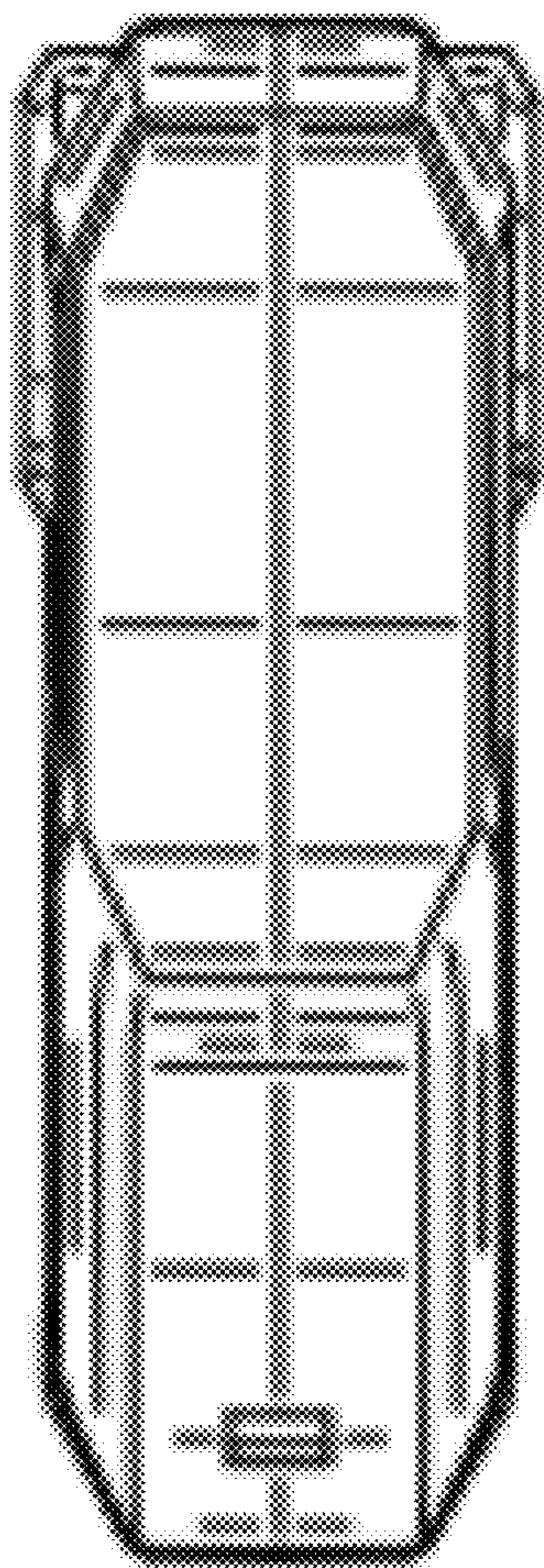


FIG. 5

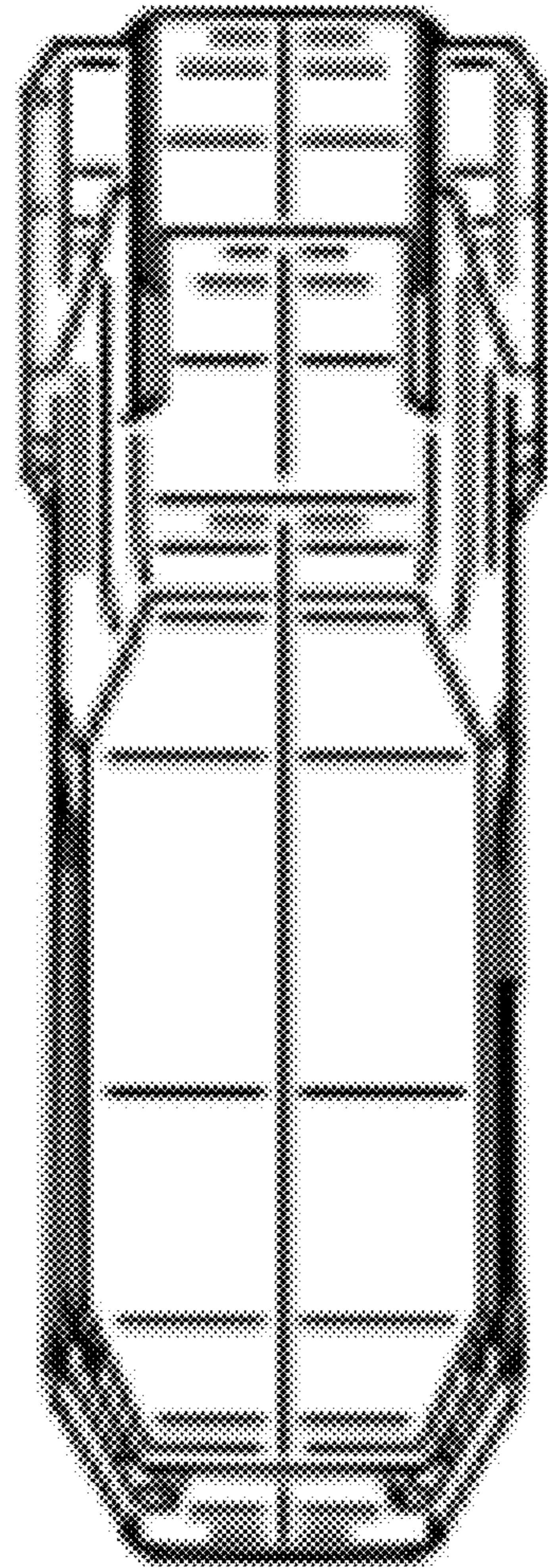


FIG. 6

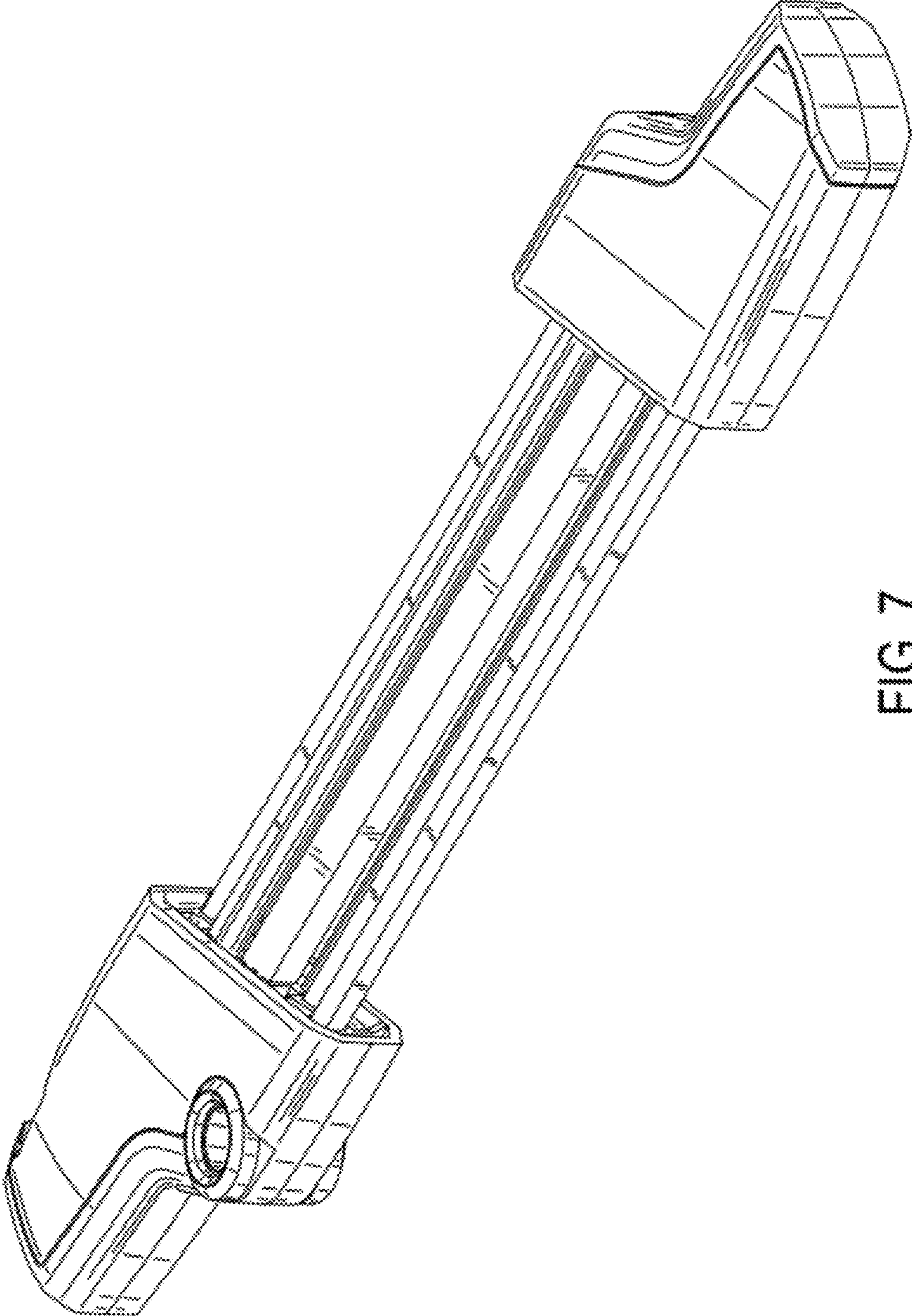


FIG. 7