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(12) **United States Design Patent**  
**Zhang**

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(54) **HAND PUMP**

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

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(51) **LOC (13) Cl.** ..... **15-02**

(52) **U.S. Cl.**

USPC ..... **D15/7**; D10/86

(58) **Field of Classification Search**

USPC ..... D12/114; D9/689, 529; D23/225, 231,  
D23/232, 366, 356; D15/7-9; D24/186;  
D10/85, 86

CPC ..... F04B 39/102; F04B 33/005; F04B 53/14;  
F04B 53/92; F04B 33/00; F04B 1/005;  
F16L 37/18; F16L 37/20; F16K 11/048;  
F16K 15/20; F16K 31/602; F04D 13/06;  
F04D 29/22; F04D 29/046; F04D  
29/2266

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a hand pump, as shown and described.

**DESCRIPTION**

FIG. 1 is perspective view thereof of a hand pump showing my new design;

FIG. 2 a front elevational view;

FIG. 3 a rear elevational view thereof;

FIG. 4 a left side view thereof;

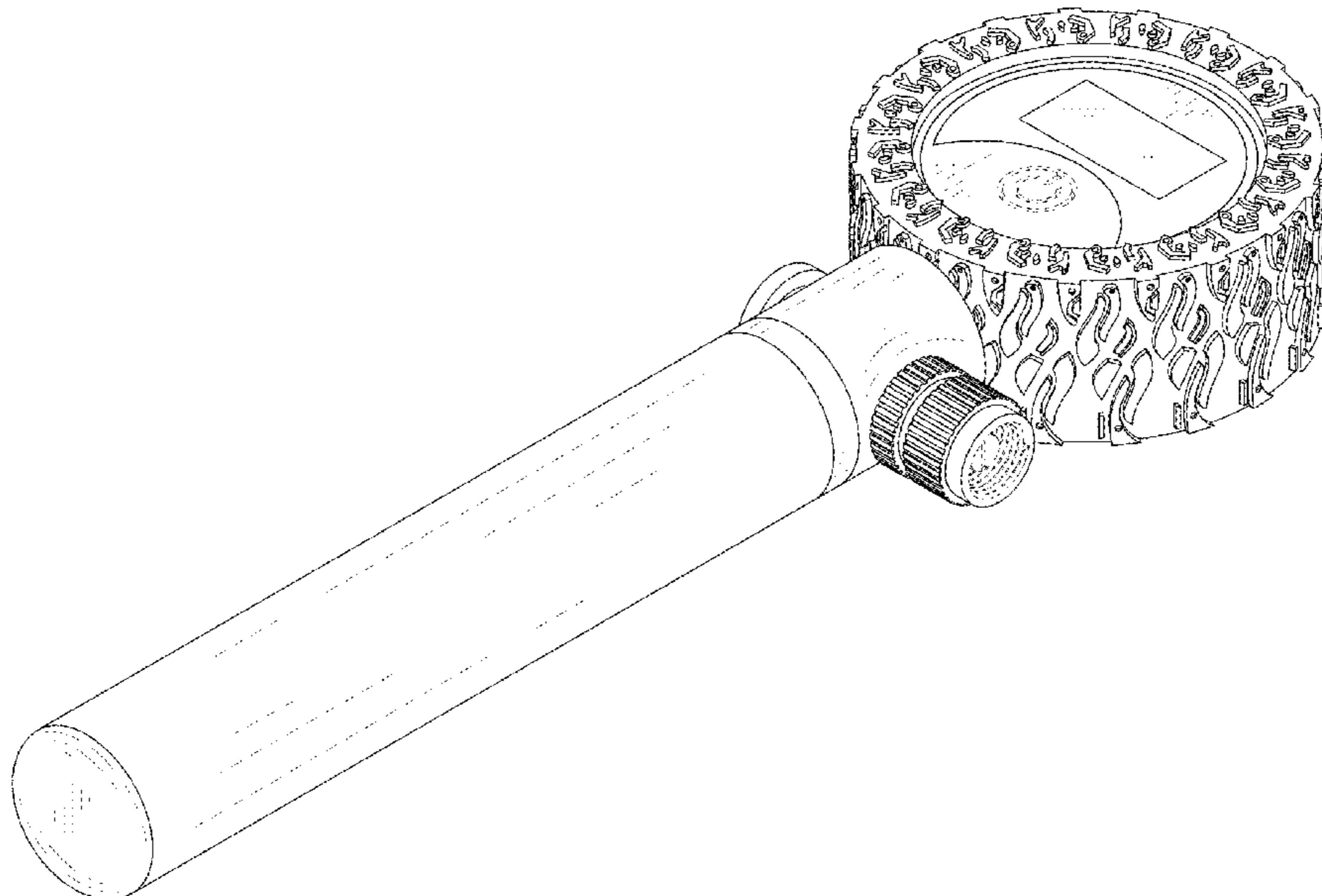
FIG. 5 is a right side view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The broken lines illustrate portions of the environment structure which forms no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



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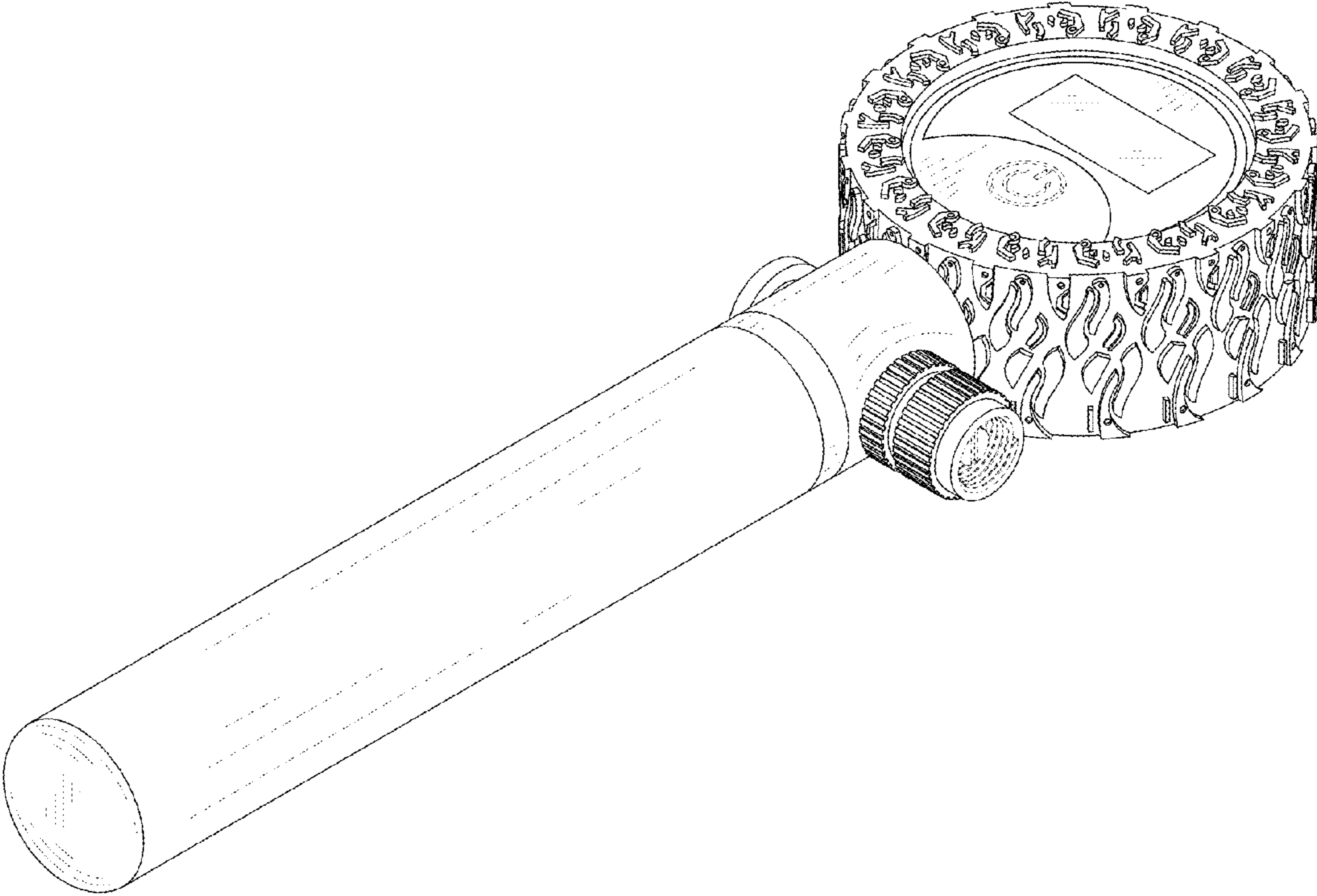


FIG.1

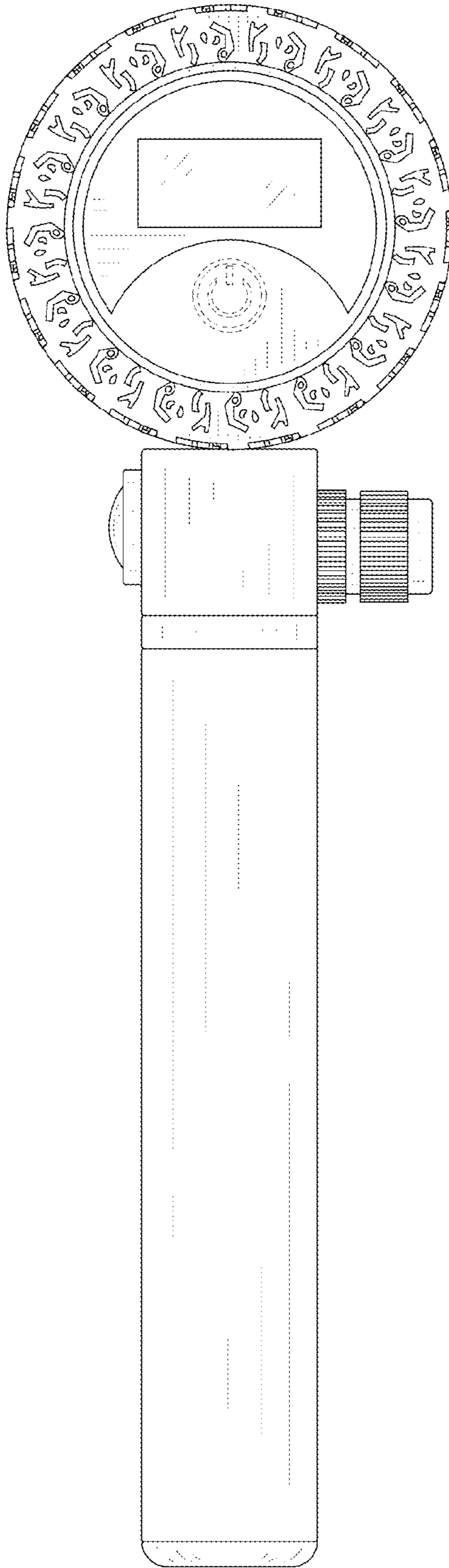


FIG. 2

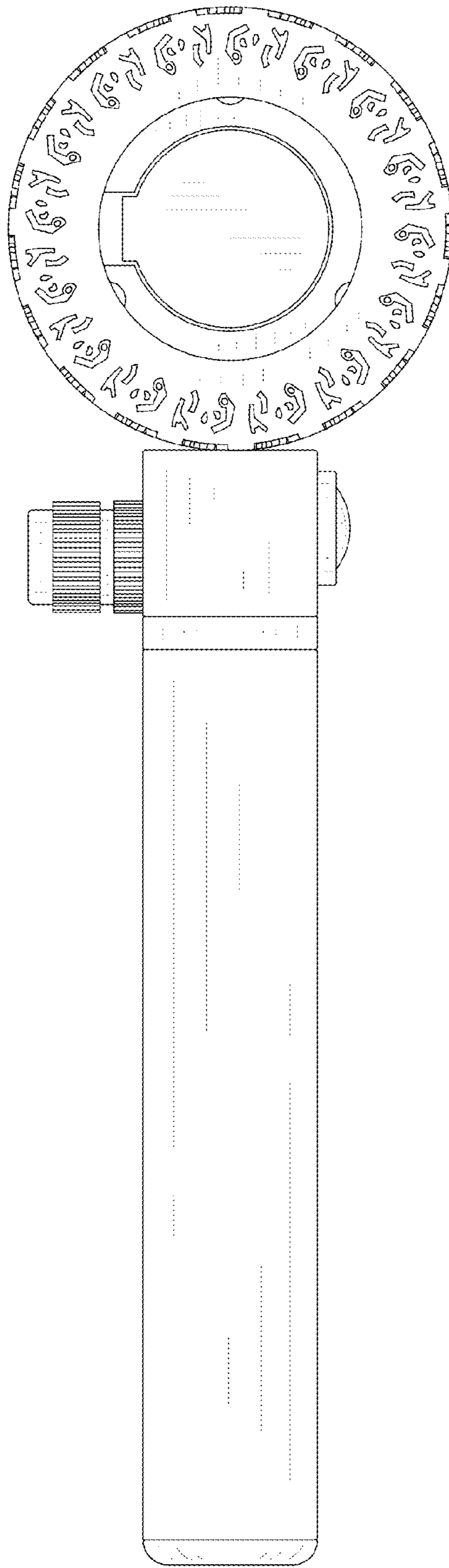


FIG. 3



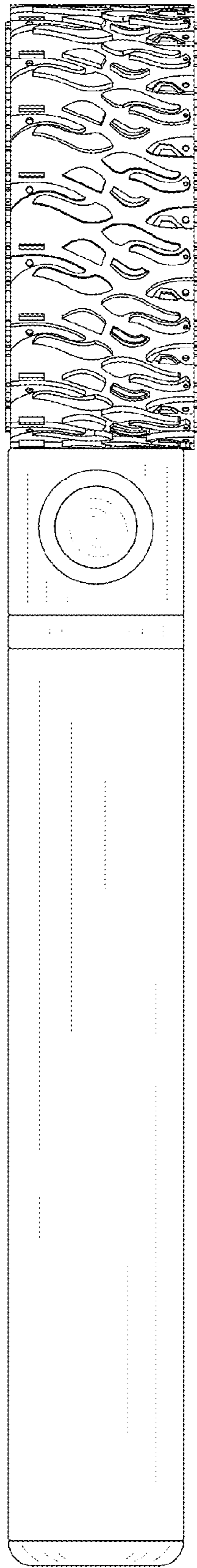


FIG. 4

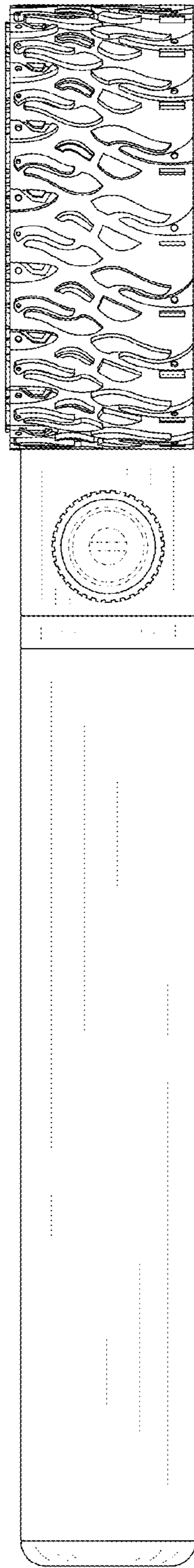


FIG. 5

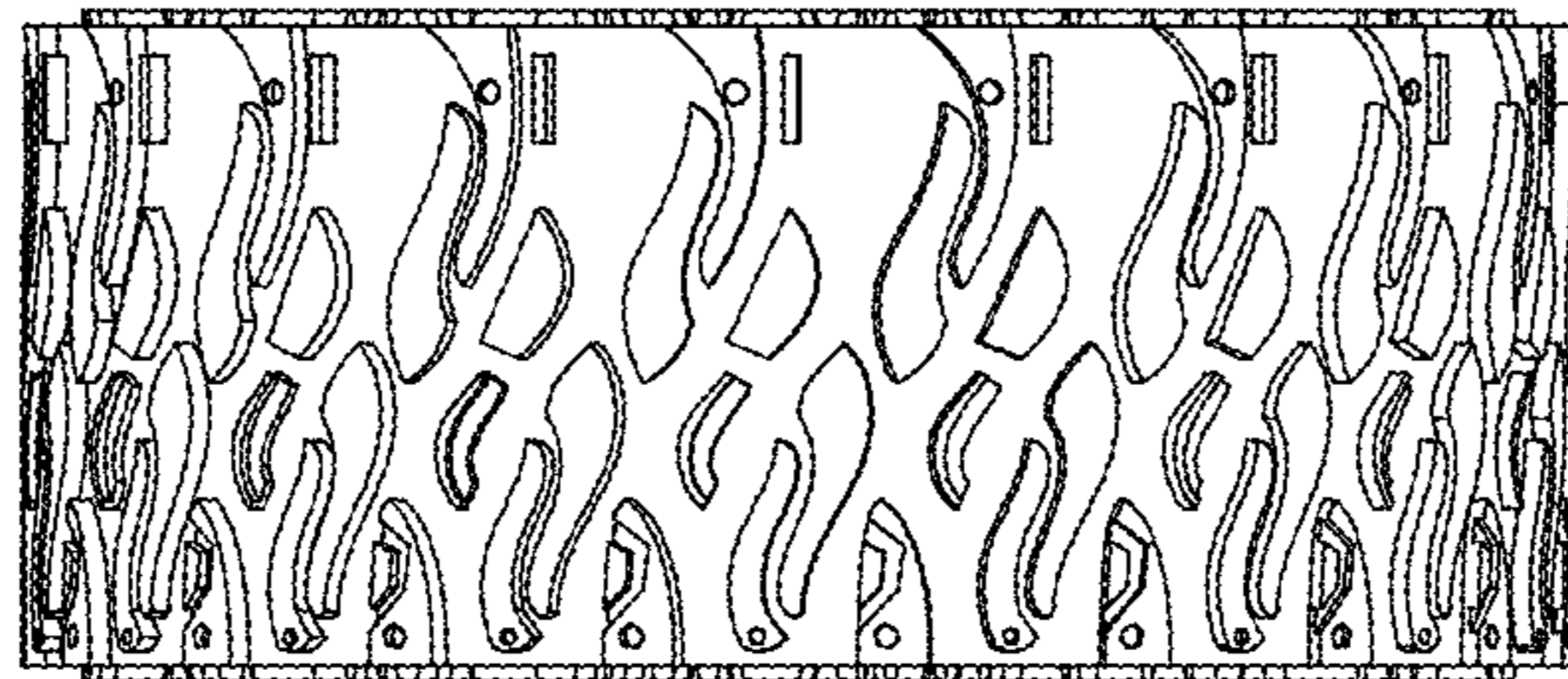


FIG. 6



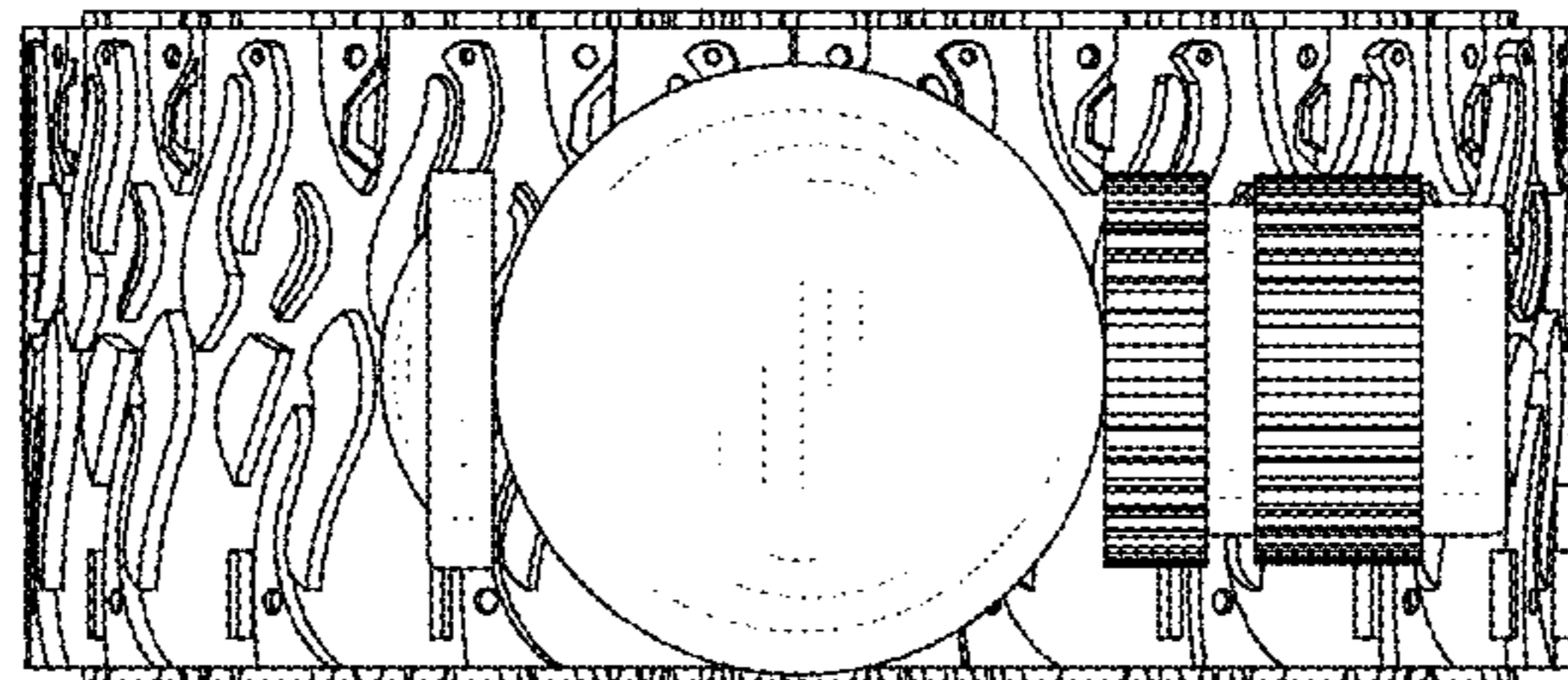


FIG. 7