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(12) **United States Design Patent**  
**Hall, Jr. et al.**

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(54) **S-DESIGN BURNER WITH SAFETY BOX,  
WHEELS AND MULTIPLE ADJUSTMENTS**

(75) Inventors: **Edwin L. Hall, Jr.**, Amelia Island, FL  
(US); **Hampton Hollis Tanner**, Amelia  
Island, FL (US)

(73) Assignee: **Well Traveled Living**, Amelia Island, FL  
(US)

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(51) **LOC (9) Cl.** ..... **23-03**

(52) **U.S. Cl.** ..... **D23/332; D23/317; D23/314**

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D23/328, 332, 336, 339, 342, 386, 338, 314,  
D23/317; 126/25 R, 67, 92 A, 92 B, 9 A;  
362/92, 217, 253; 431/331, 344

See application file for complete search history.

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*Primary Examiner*—T. Chase Nelson

*Assistant Examiner*—Ania K Dworzecka

(74) *Attorney, Agent, or Firm*—Lau & Associates, LLC.

(57) **CLAIM**

The ornamental design for a S-design burner with safety box,  
wheels and multiple adjustments, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a S-design burner with safety  
box showing the heater head tilted at substantially 45 degrees,  
a safety bar protruded in front and the a support assembly  
substantially extended;

FIG. 2 is a perspective view of a S-design burner with safety  
box showing the heater head tilted at substantially 0 degrees,  
a safety bar protruded in front and a support assembly sub-  
stantially extended;

FIG. 3 is a perspective view of a S-designed burner with  
safety box showing the heater head tilted at substantially 45  
degrees, a safety bar protruded in front and a support assem-  
bly substantially collapsed;

FIG. 4 is a front view of a S-designed burner with safety box  
showing the heater head tilted at substantially 45 degrees, a  
safety bar protruded in front and a support assembly substan-  
tially extended;

FIG. 5 is a first side view of a S-designed burner with safety  
box showing the heater head tilted at substantially 45 degrees,  
a safety bar protruded in front and a support assembly sub-  
stantially extended;

FIG. 6 is a rear view of a S-designed burner with safety box  
showing the heater head tilted at substantially 45 degrees, a  
safety bar protruded in front and a support assembly substan-  
tially extended;

FIG. 7 is a second side view of a S-designed burner with  
safety box showing the heater head tilted at substantially 45  
degrees, a safety bar protruded in front and a support assem-  
bly substantially extended;

FIG. 8 is a top view of a S-designed burner with safety box  
showing the heater head tilted at substantially 45 degrees, a  
safety bar protruded in front and a support assembly substan-  
tially extended;

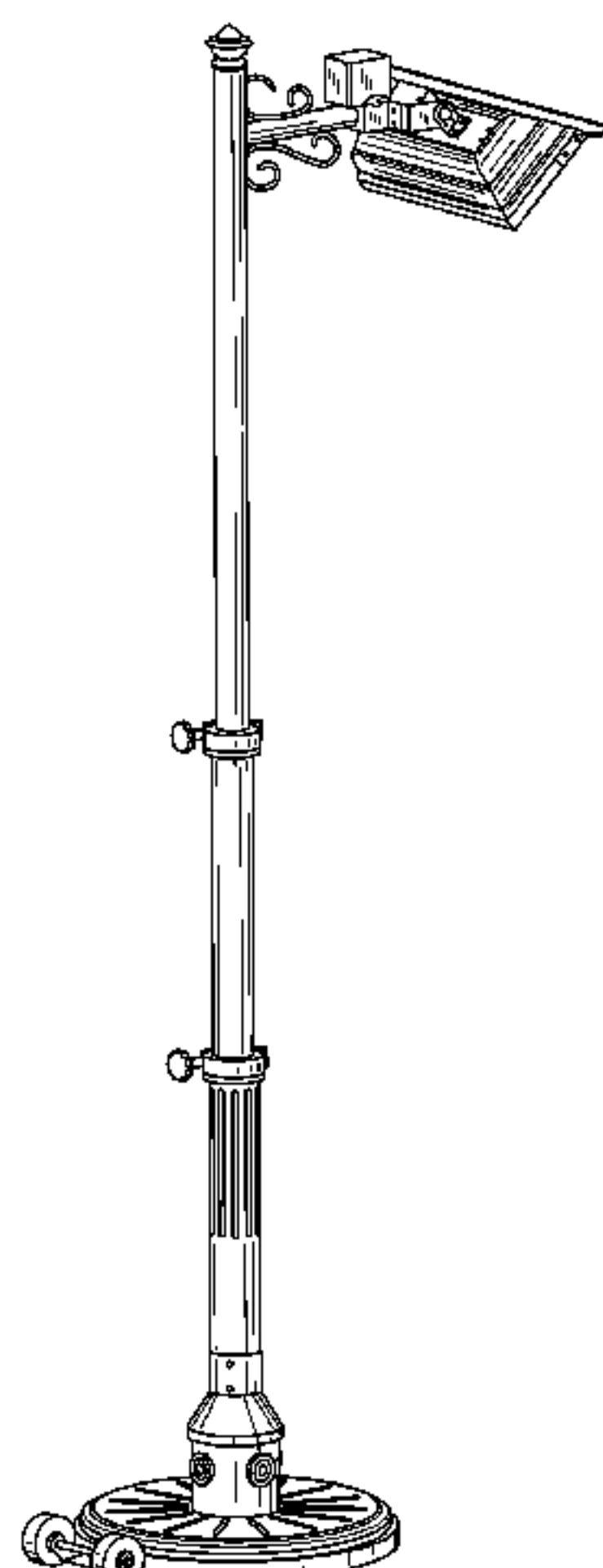


FIG. **9** is a bottom view of a S-designed burner with safety box showing the heater head tilted at substantially 45 degrees, a safety bar protruded in front and a support assembly substantially extended.

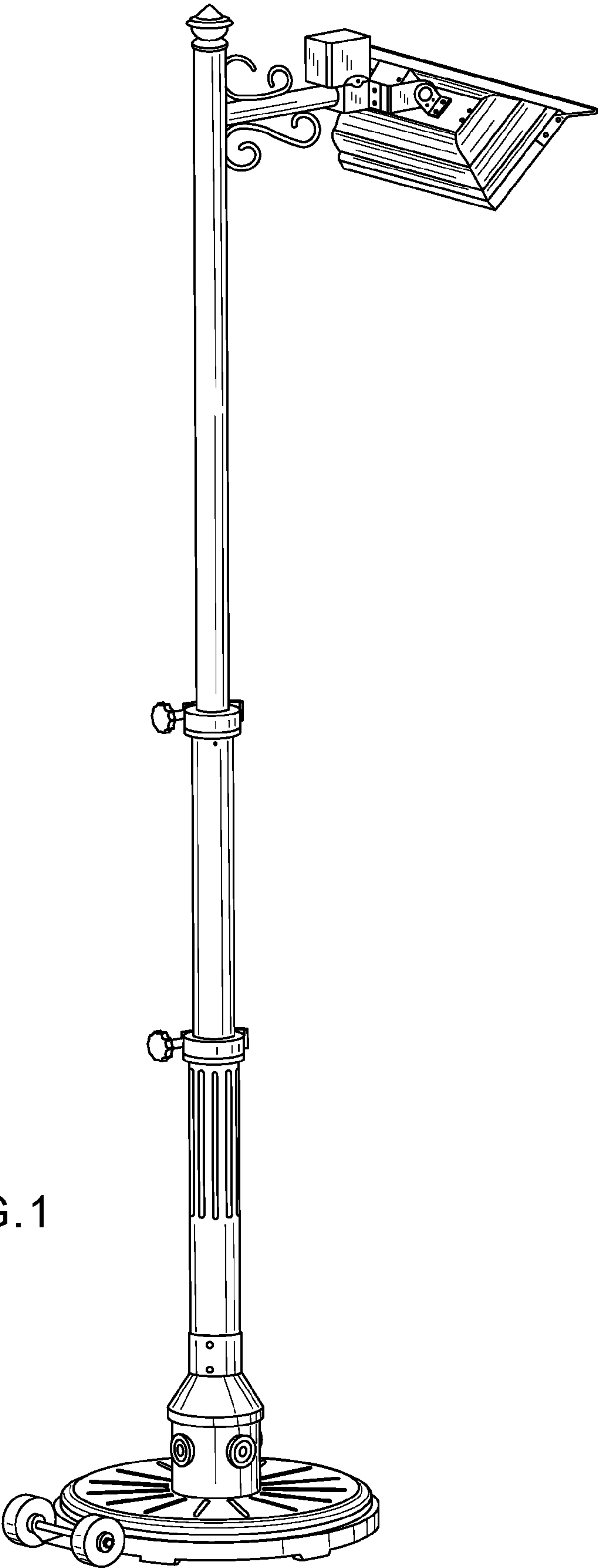
FIG. **10** is a side view of a S-designed burner with safety box showing the heater head tilted at substantially 90 degrees, a safety bar protruded in front and a support assembly substantially extended.

FIG. **11** is a cross sectional view along line **11—11** of FIG. **8**, showing an angle limiter providing substantially 45 degrees of rotational freedom for the heater head; and,

FIG. **12** is a cross sectional view along line **11—11** of FIG. **8**, showing an angle limiter providing substantially 90 degrees of rotational freedom for the heater head.

**1 Claim, 10 Drawing Sheets**

FIG.1



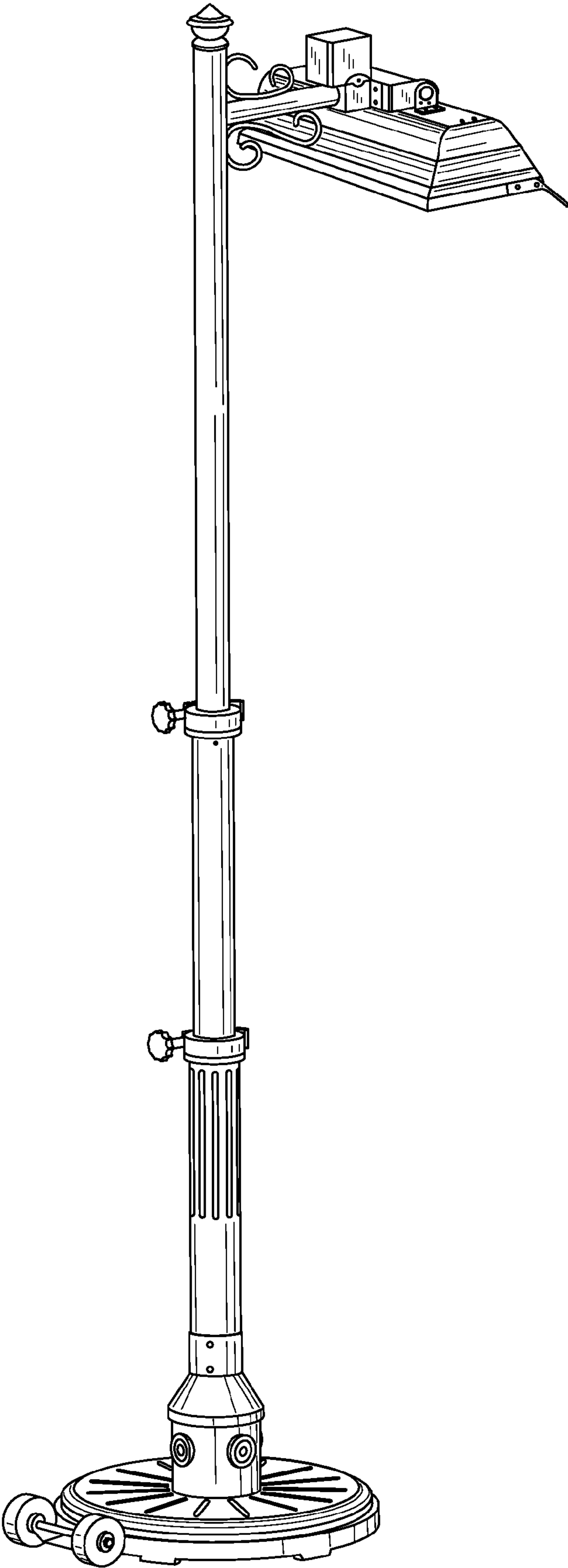
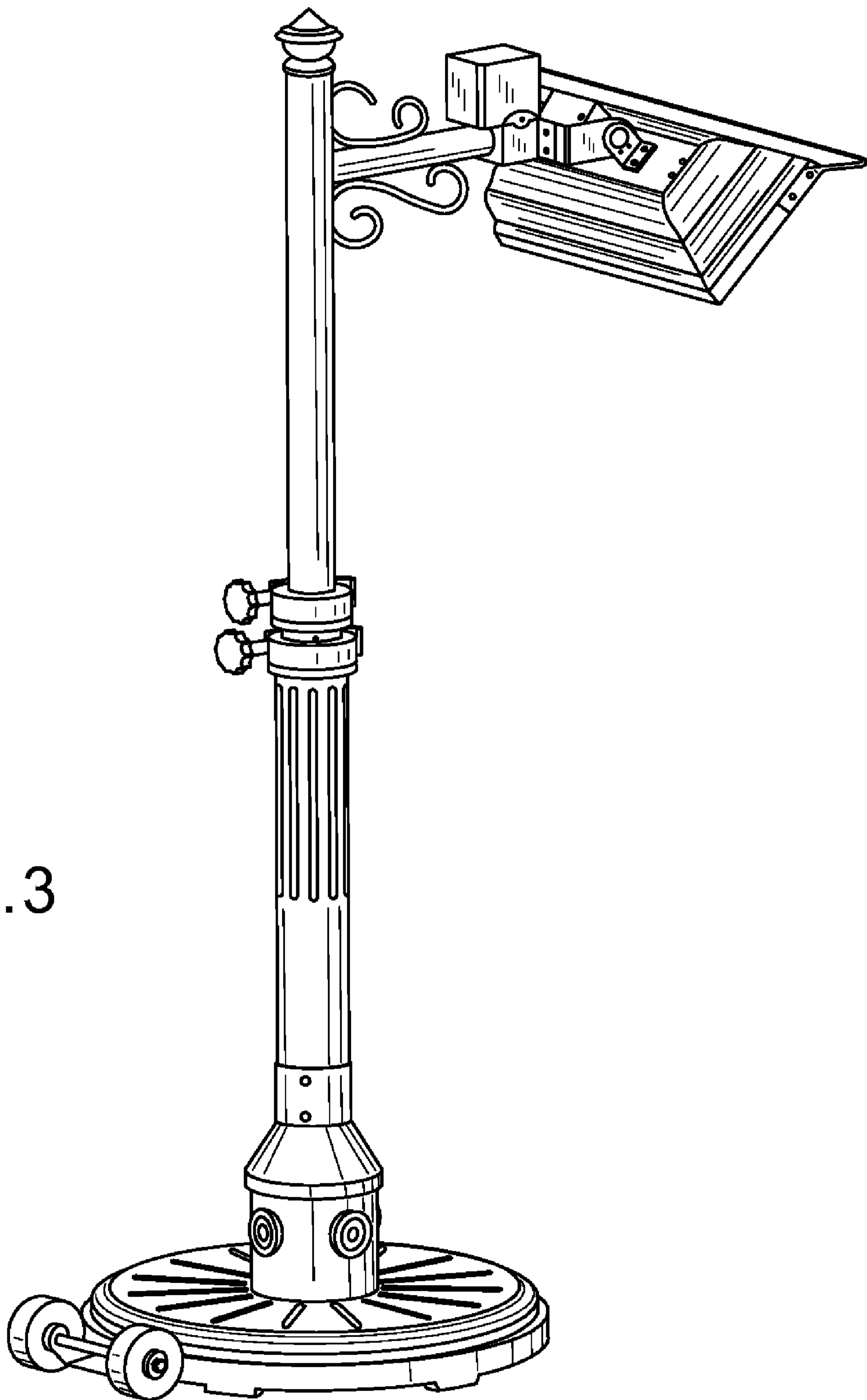


FIG.2

FIG.3



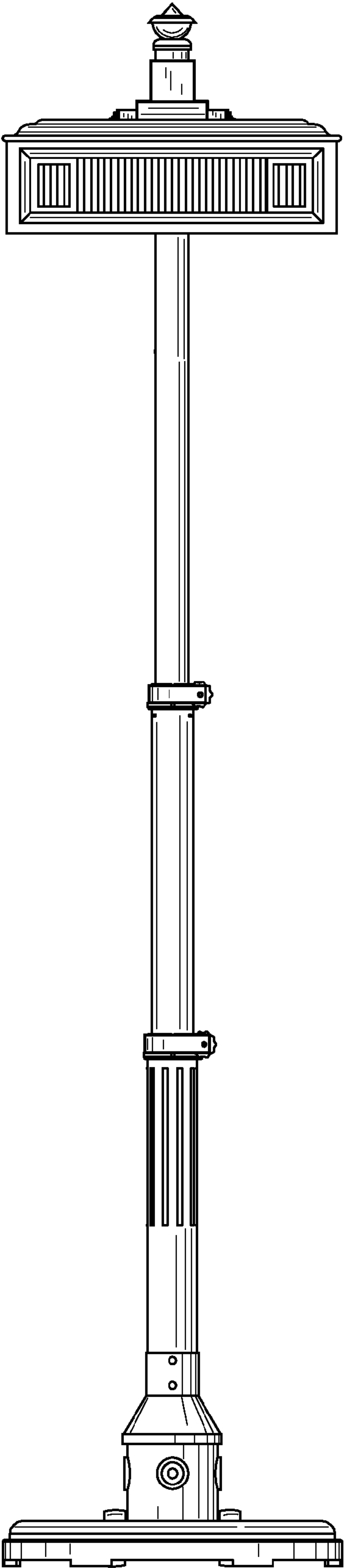


FIG.4

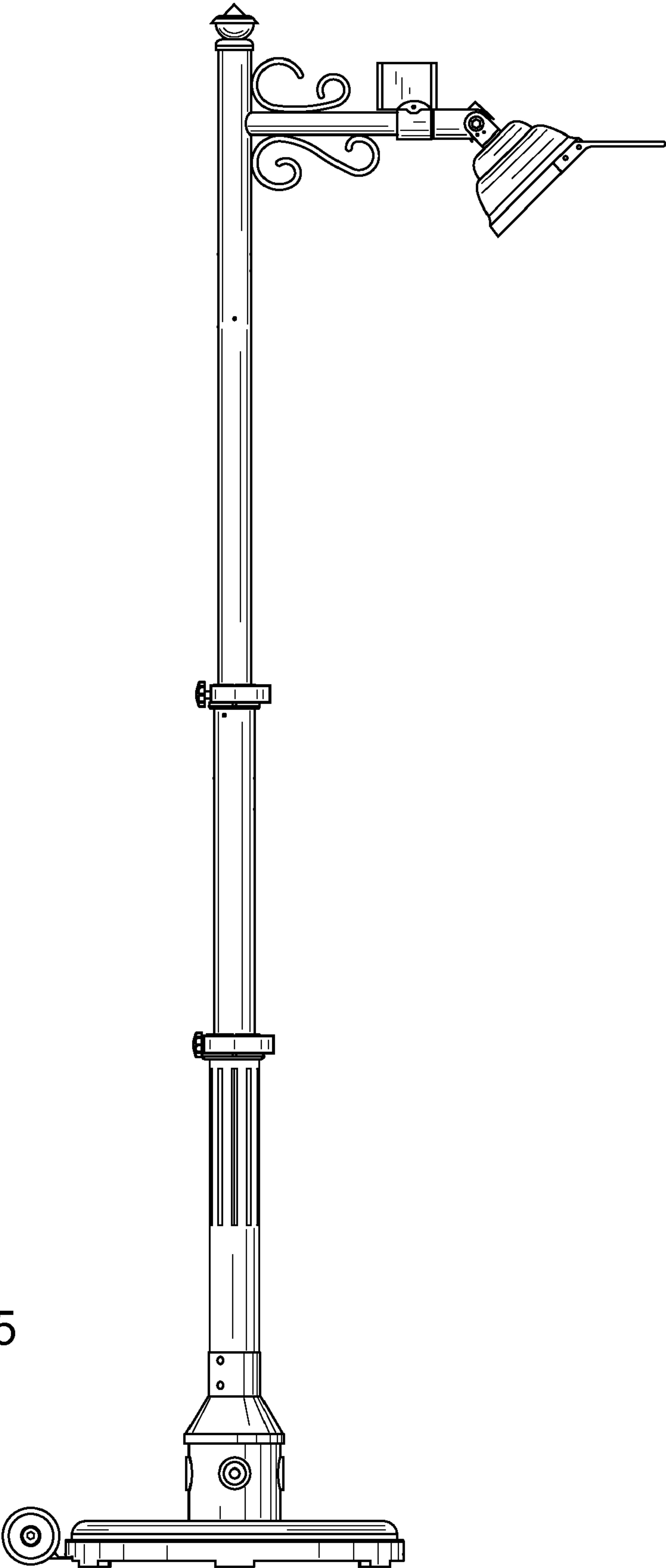


FIG.5

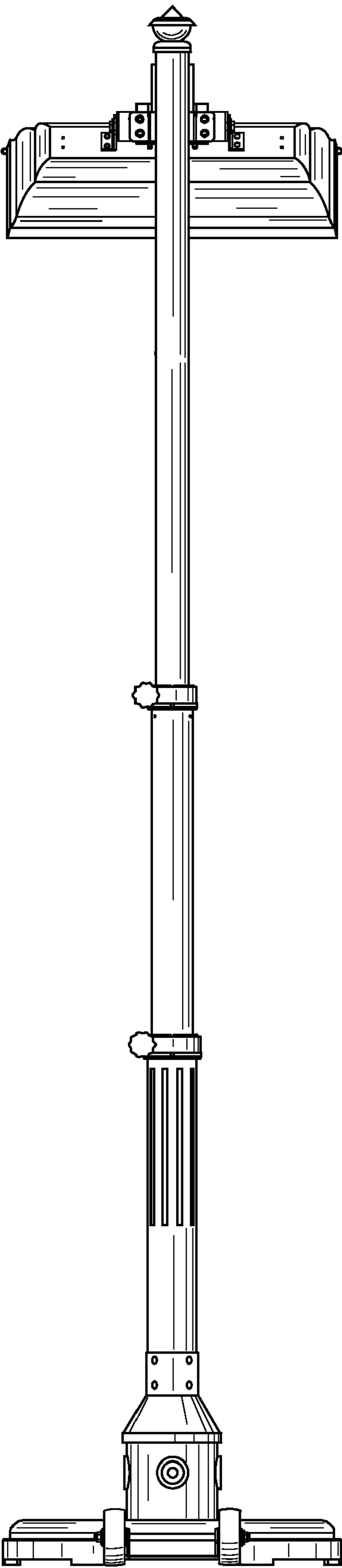


FIG.6



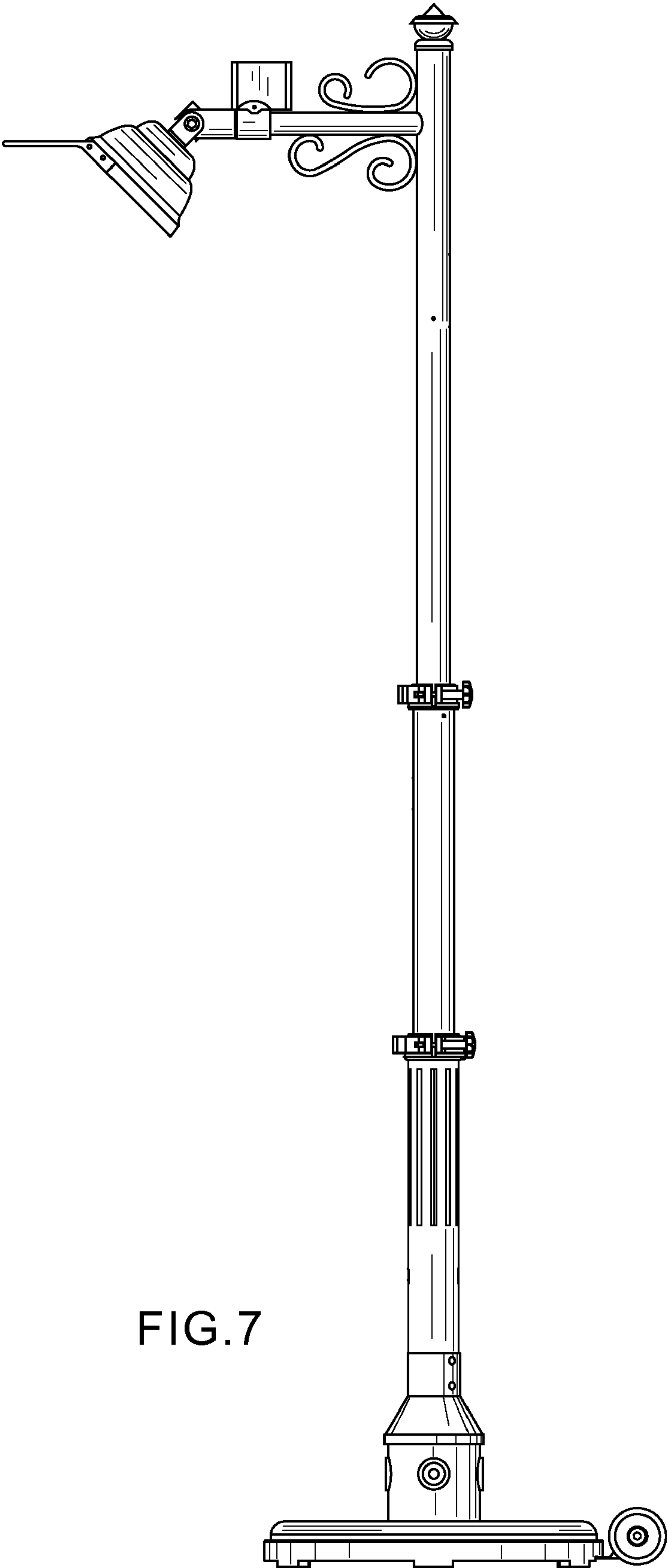


FIG. 7

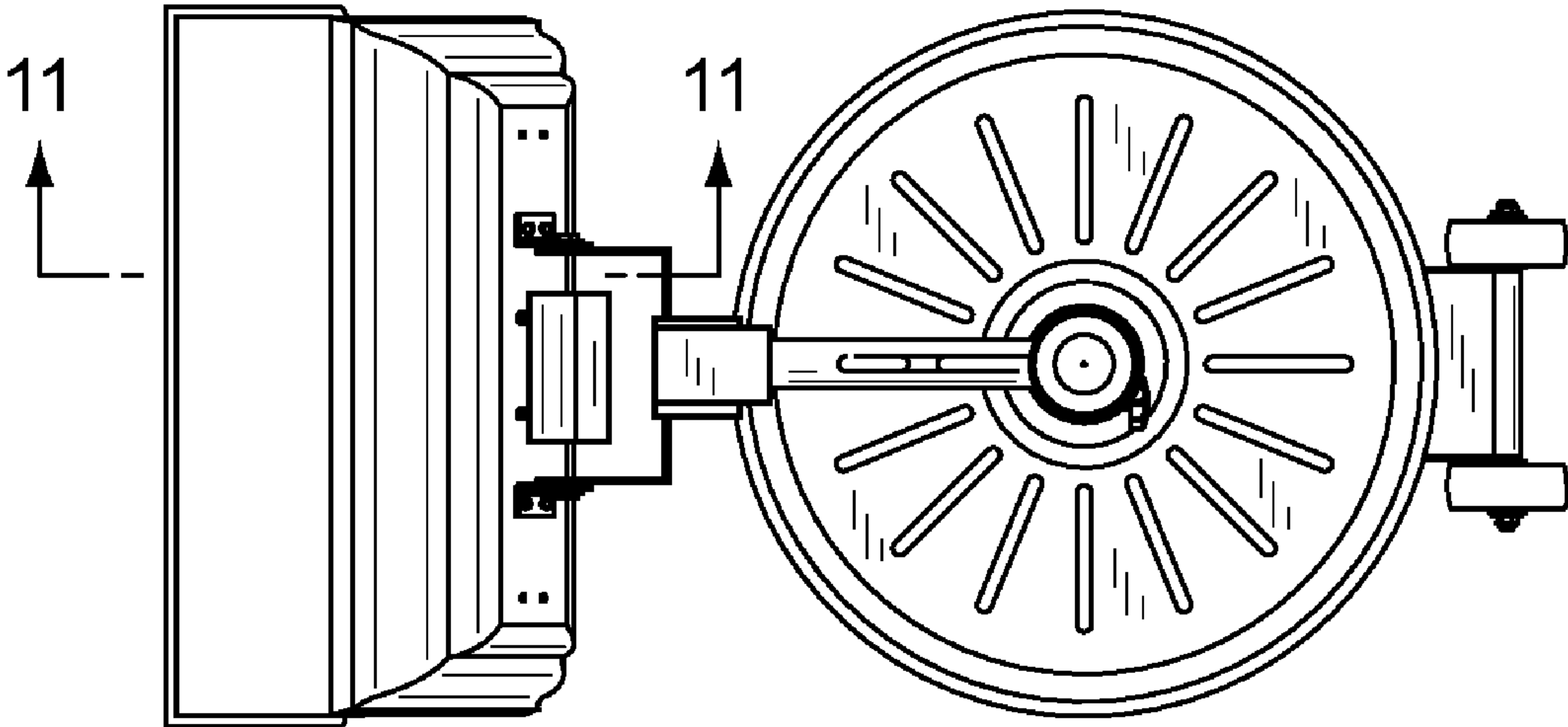


FIG.8

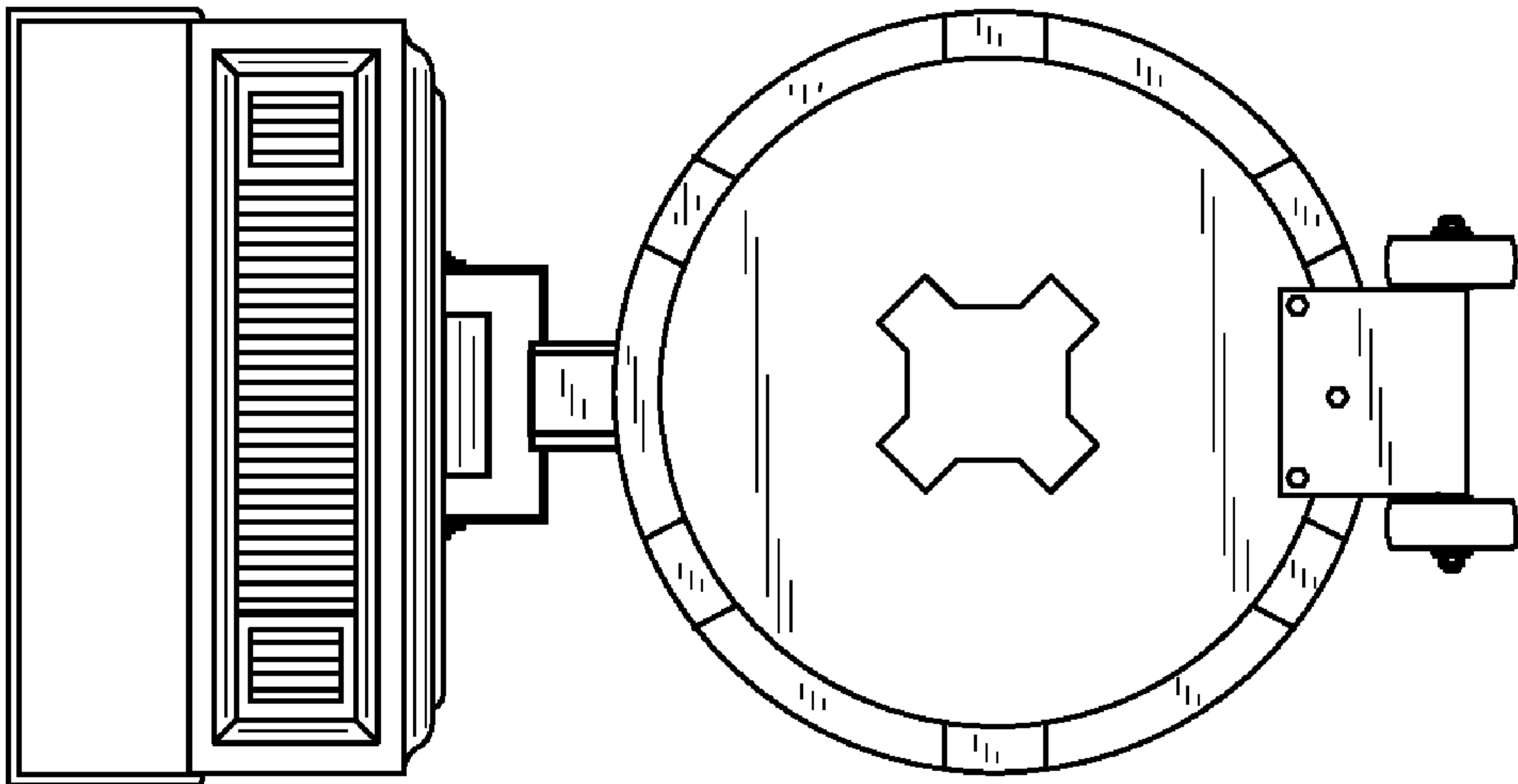


FIG.9

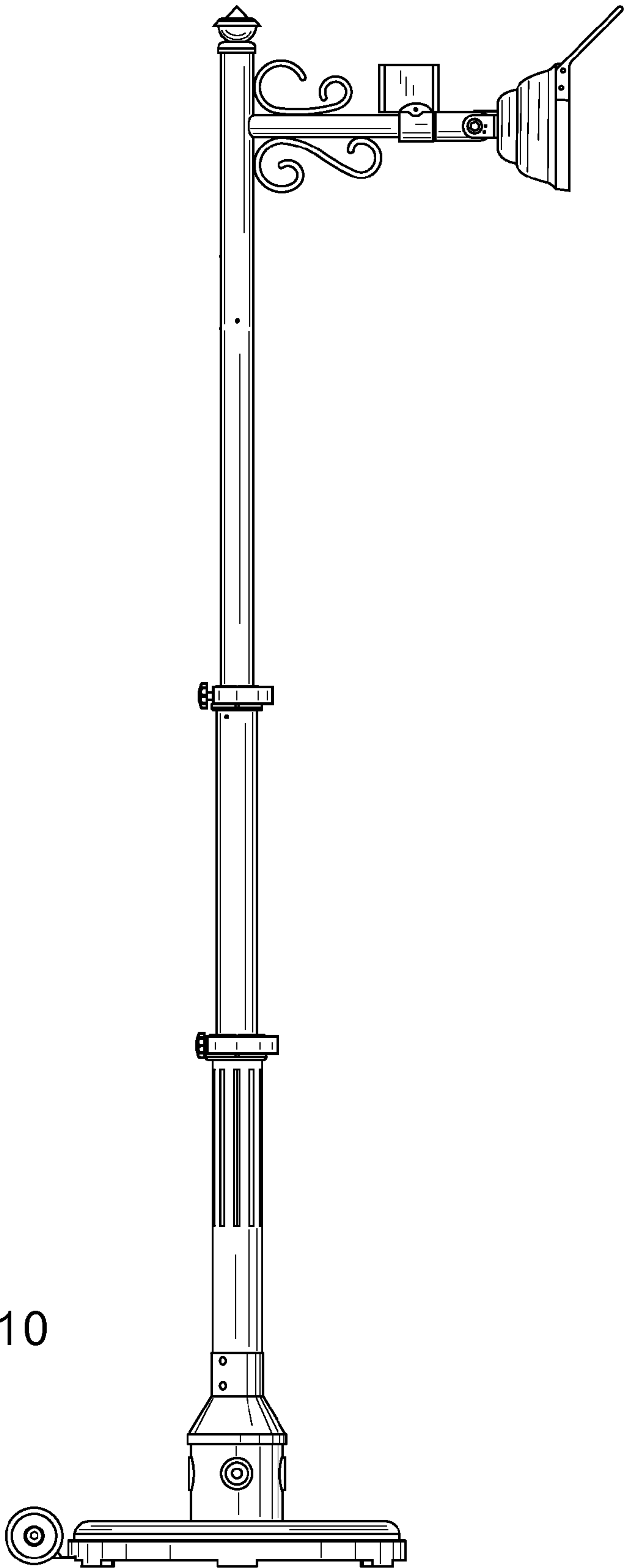


FIG.10

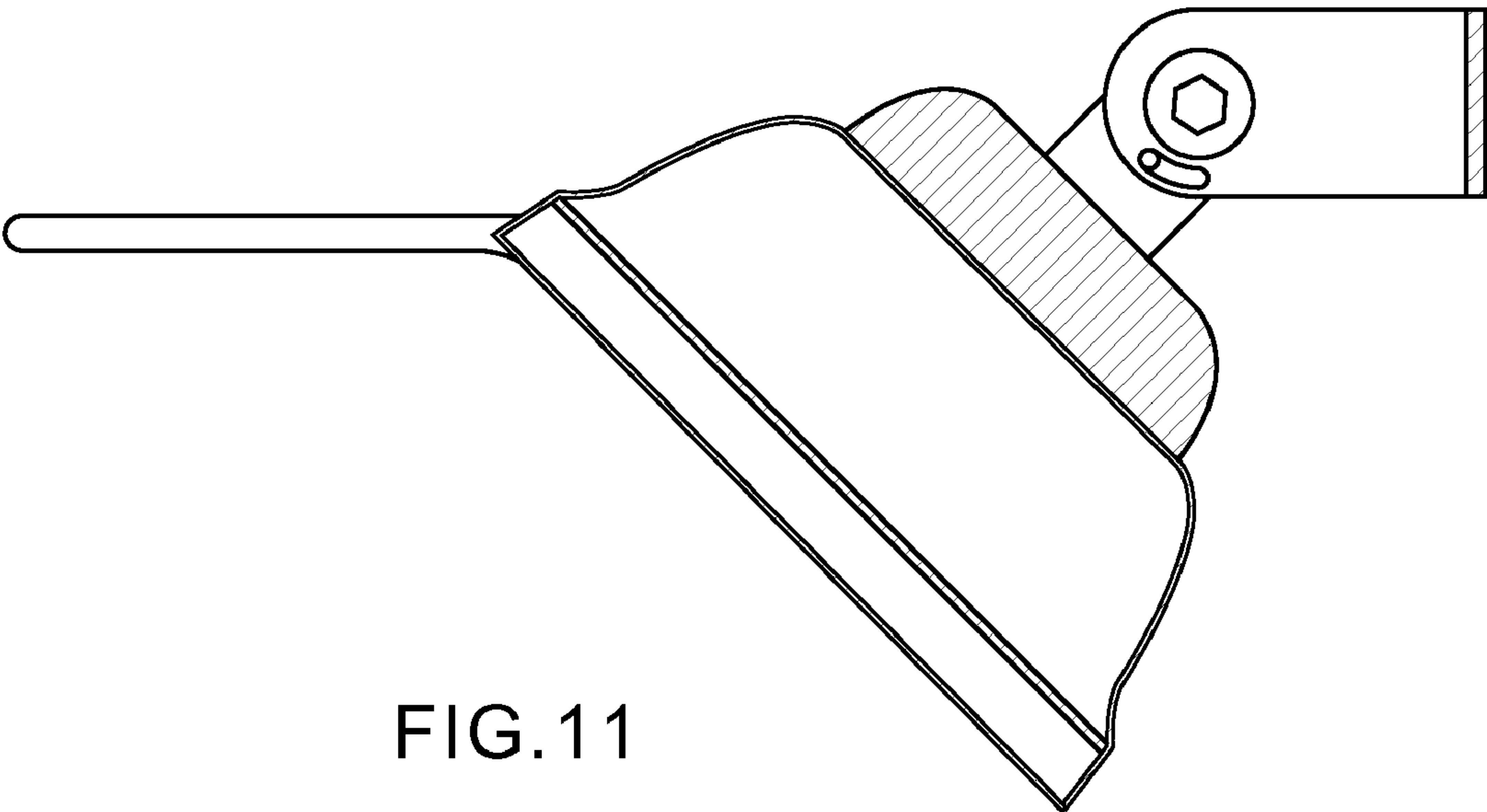


FIG.11

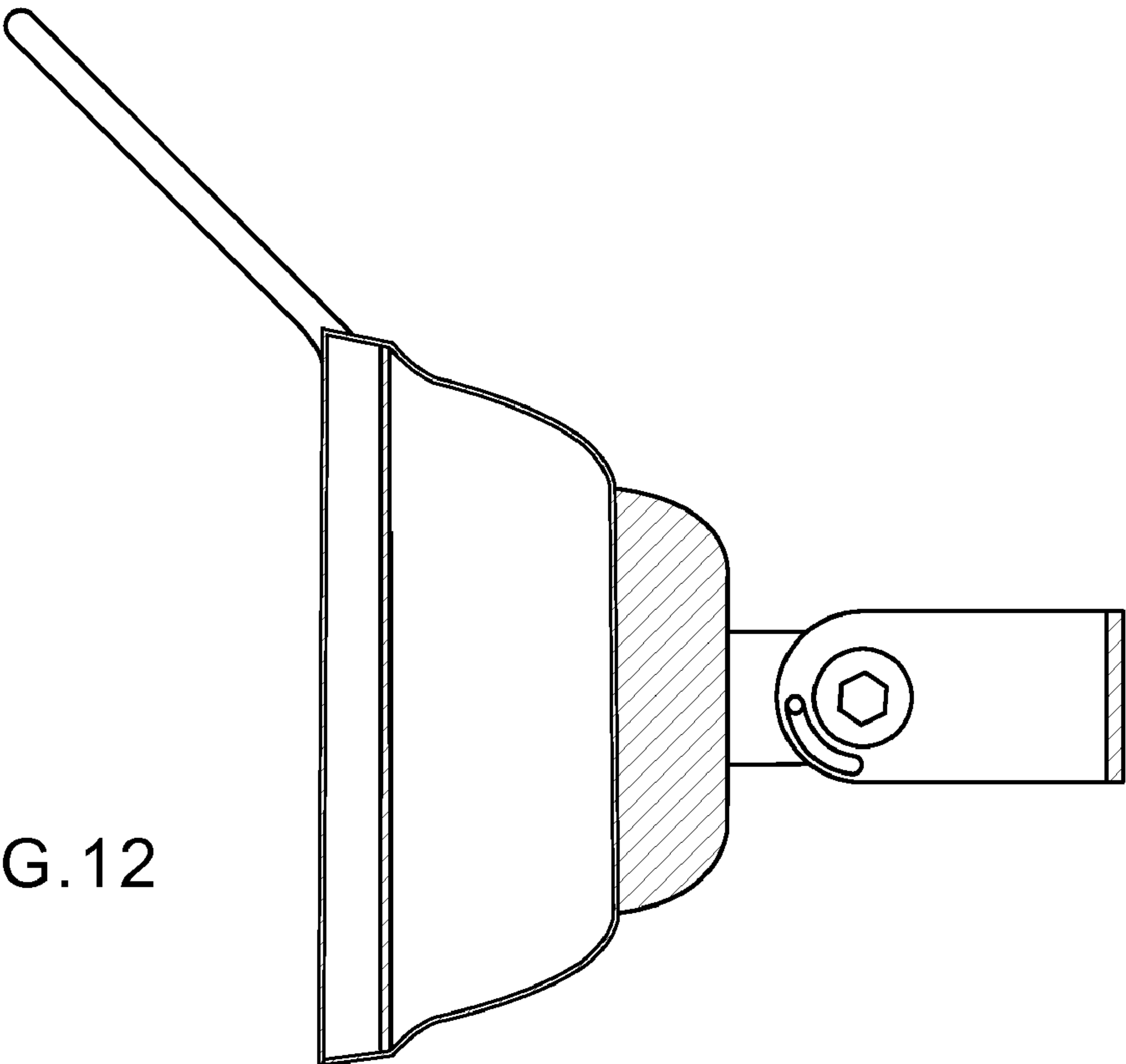


FIG.12