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

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(54) **HELICOPTER SLING-LINE GRAPPLE HOOK**

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D542,505 S \* 5/2007 Alba ..... D34/35  
D635,445 S \* 4/2011 Foresman ..... D8/354

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\* cited by examiner

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

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(21) Appl. No.: **29/425,776**

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(51) **LOC (9) Cl.** ..... **12-05**

(52) **U.S. Cl.** ..... **D34/35**

(58) **Field of Classification Search** ..... D34/35;  
294/86.41, 86.4, 112, 119.4, 1.1, 89; 403/78,  
403/164, 79, 19, 165

See application file for complete search history.

(57) **CLAIM**

The ornamental design for a helicopter sling-line grapple hook, as shown.

**DESCRIPTION**

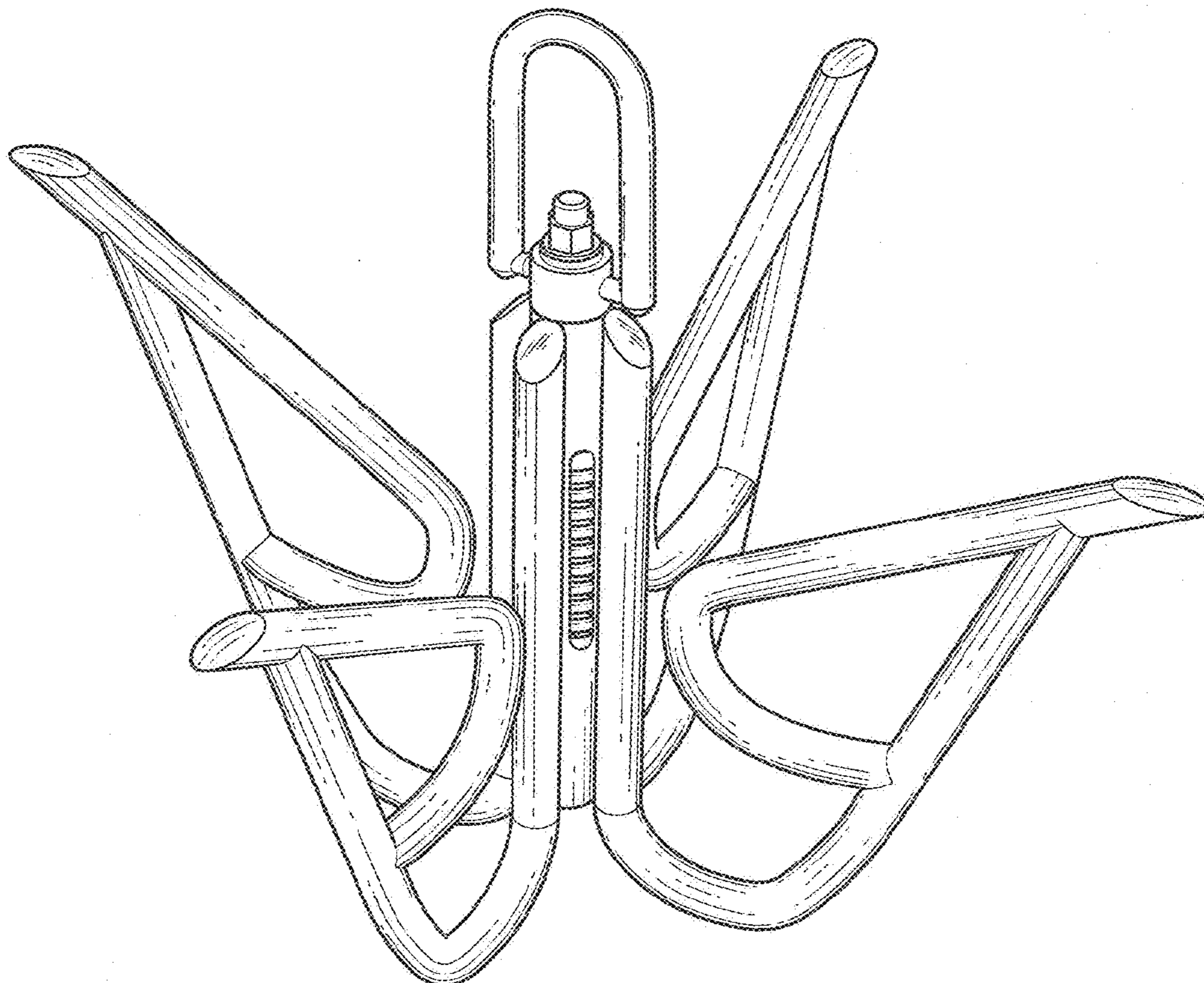
FIG. 1 is a perspective view of the helicopter sling-line grapple hook showing my new design; FIG. 2 is a front view thereof; FIG. 3 is a side perspective view thereof; FIG. 4 is a top view thereof; FIG. 5 is an exploded view thereof; and, FIG. 6 is another perspective view thereof. The bottom view of the helicopter sling-line grapple hook is not part of the claimed design.

(56) **References Cited**

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**1 Claim, 6 Drawing Sheets**



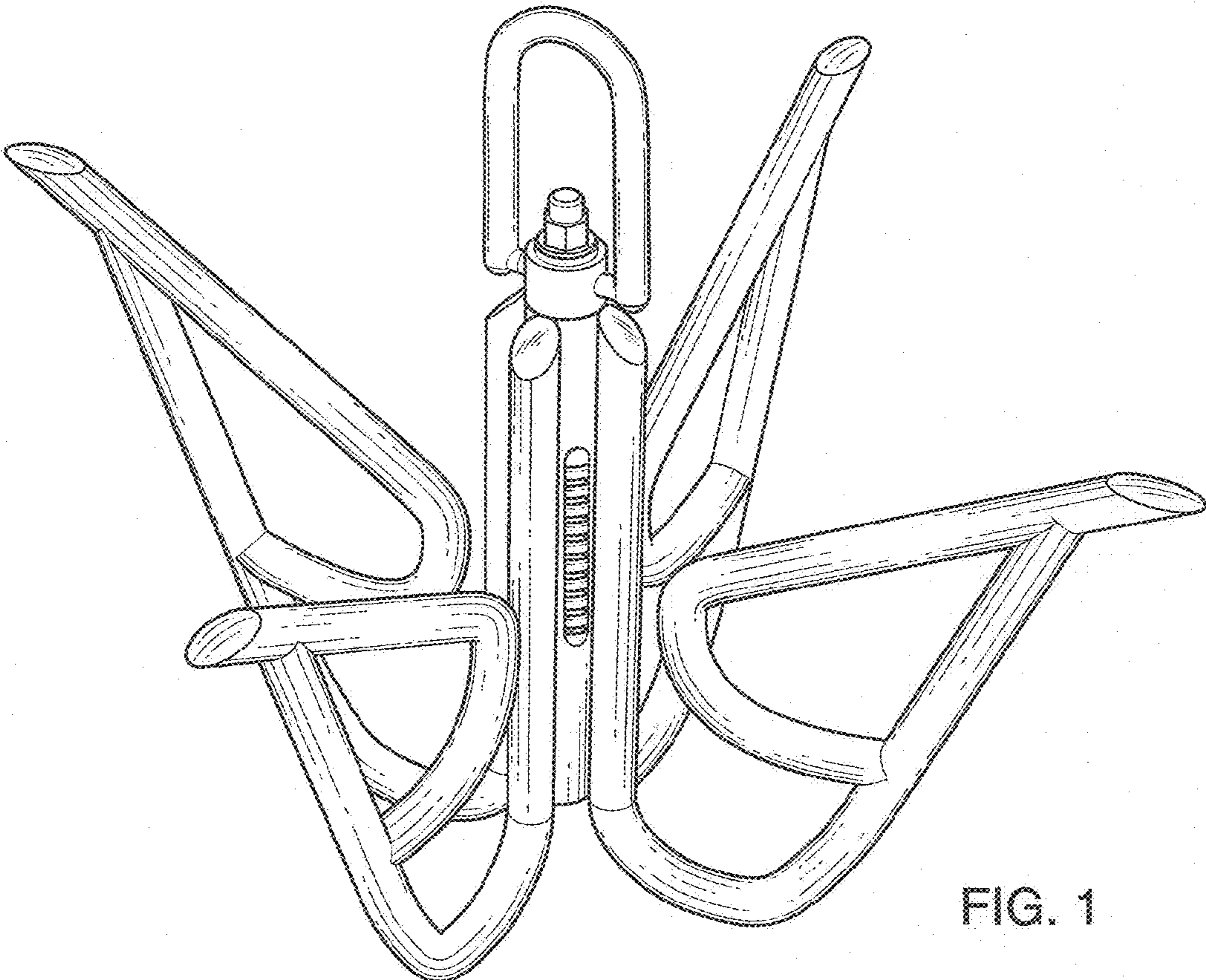


FIG. 1

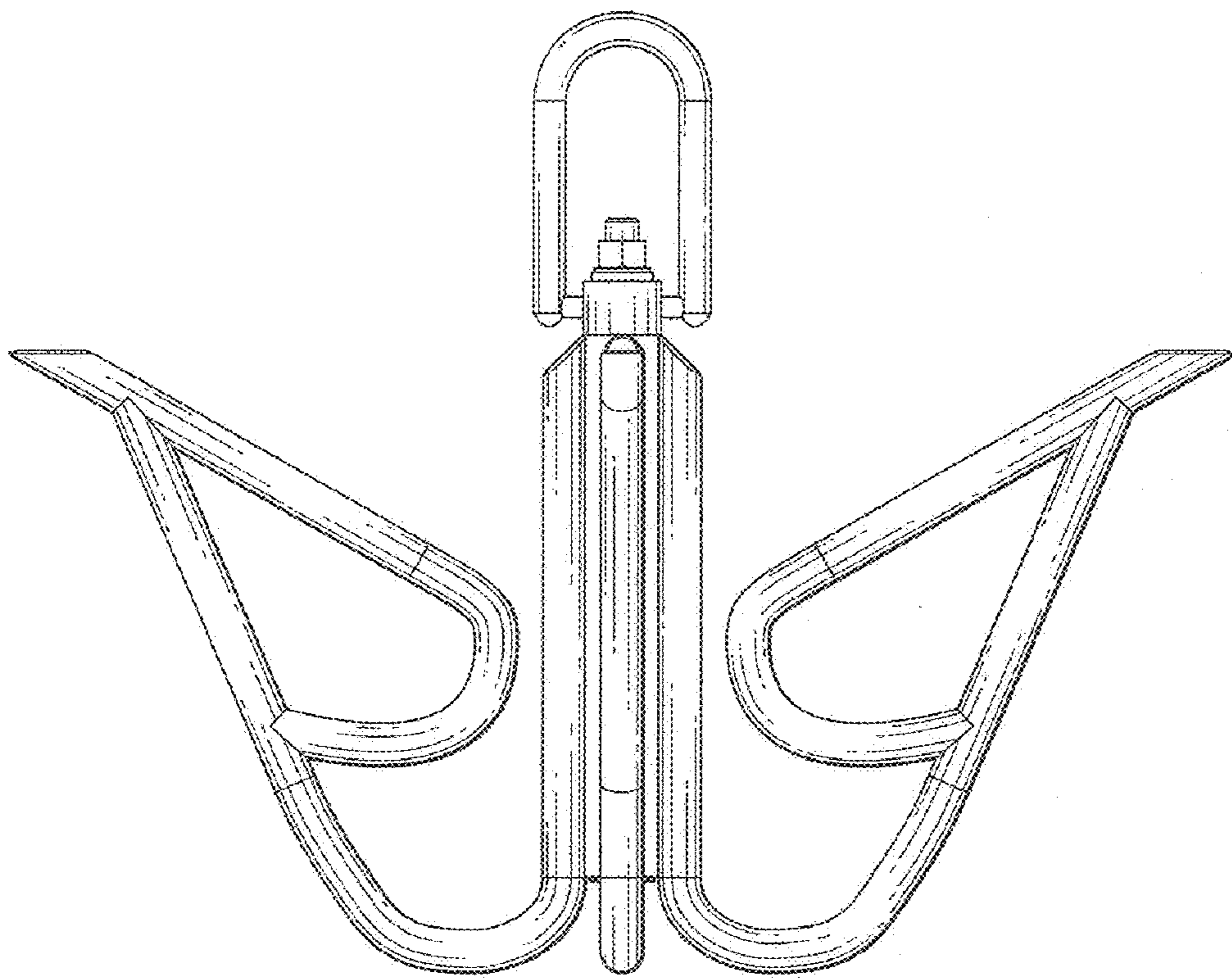


FIG. 2



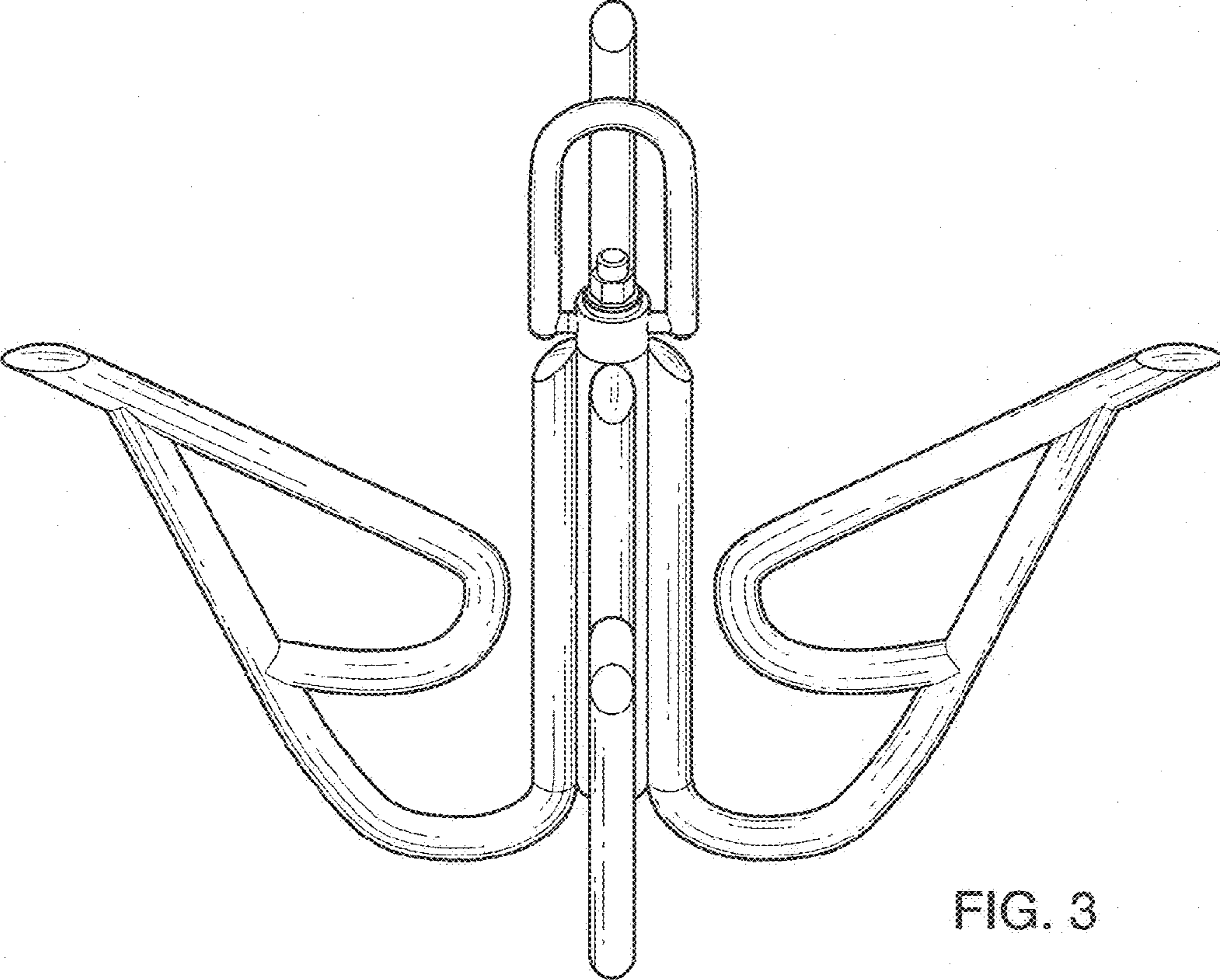


FIG. 3

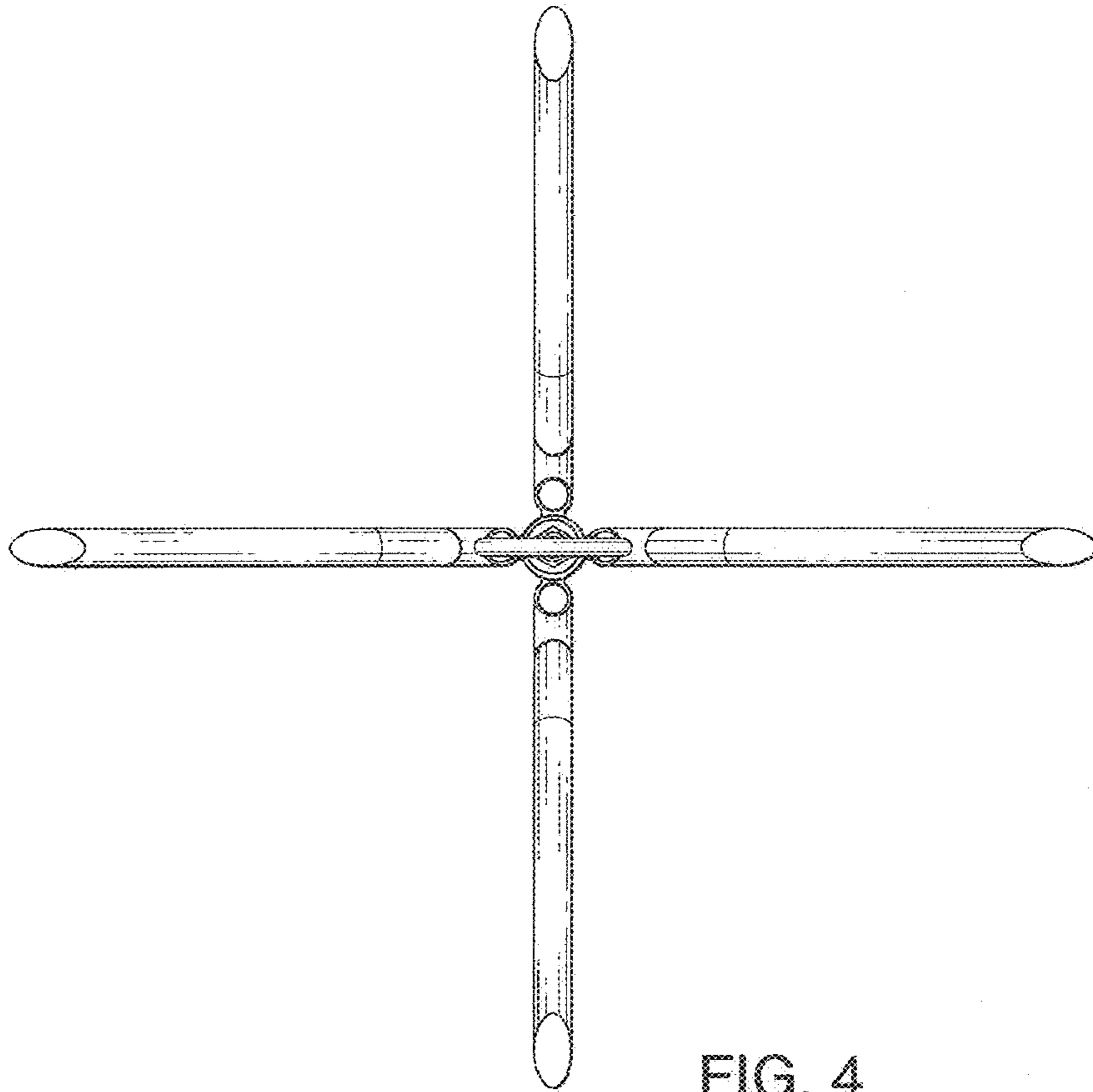
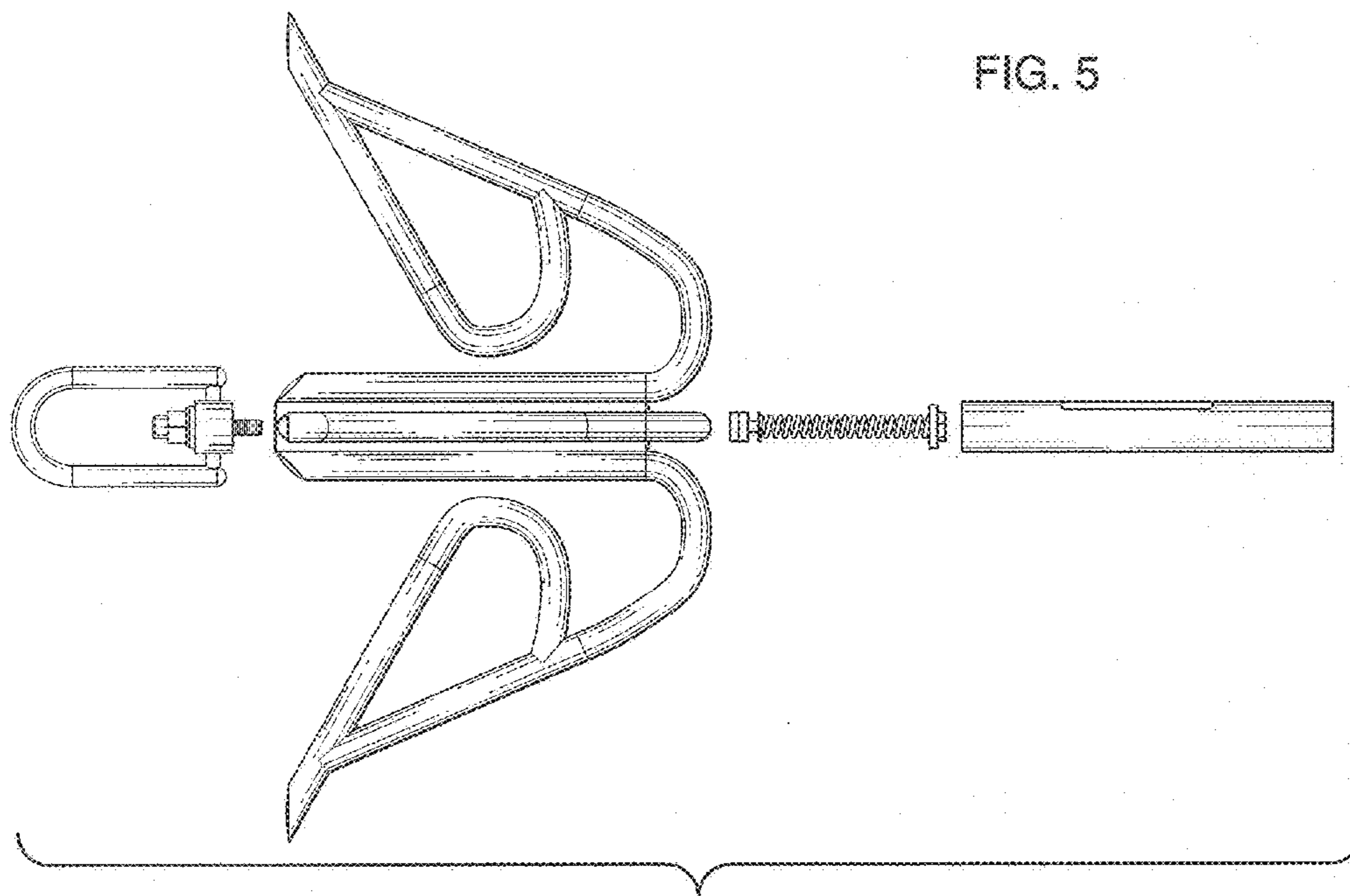


FIG. 4



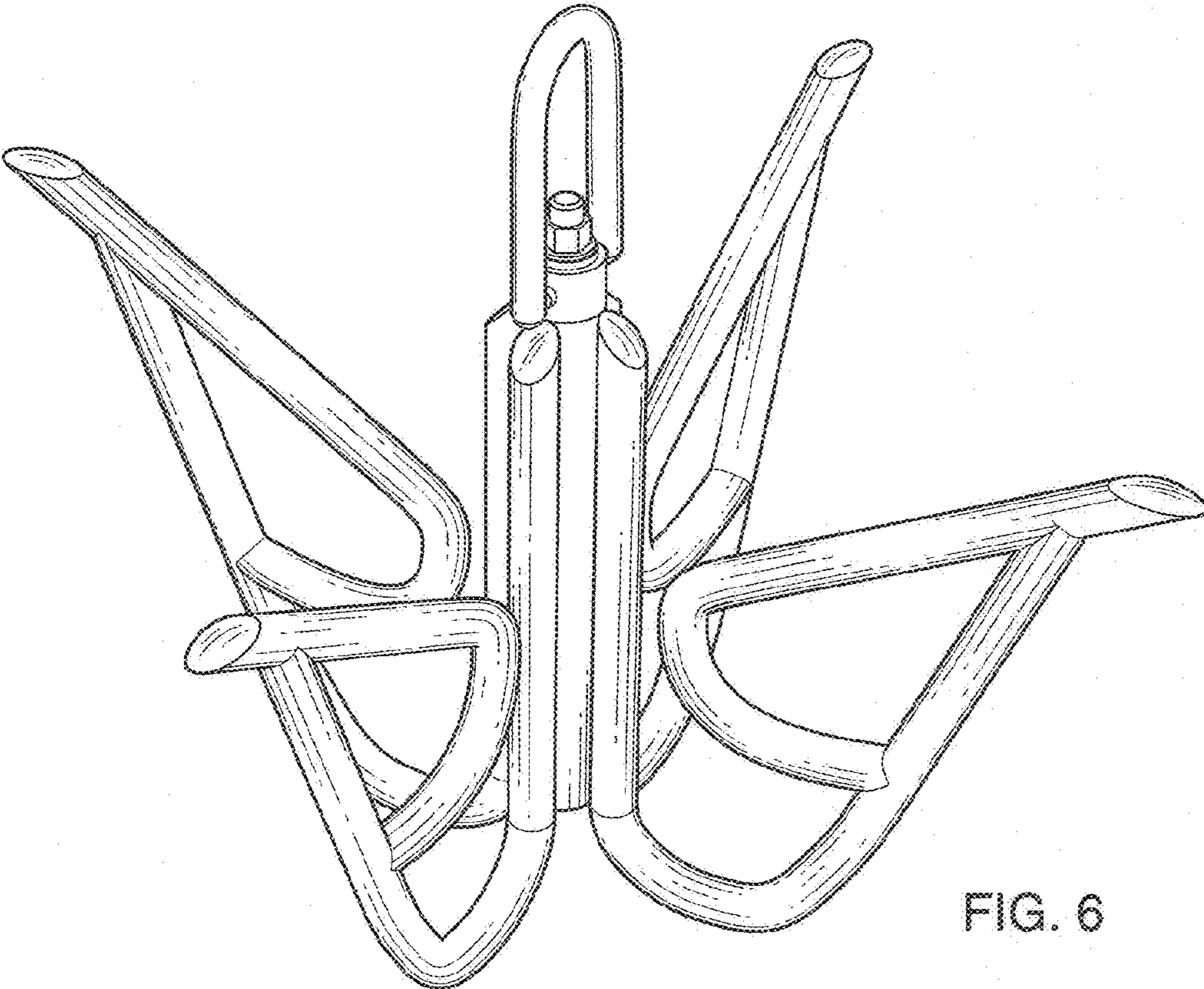


FIG. 6