

- [54] **SPRUE AND RUNNER BARS FOR METAL CASTING**
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[**] Term: **14 Years**
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D15/138**
[58] Field of Search **D24/99; D15/135, 136,
D15/138; 264/44, DIG. 16; 164/DIG. 4, 244,
246**

- [56] **References Cited**
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[57] **CLAIM**
The ornamental design for a sprue and runner bars for metal casting, substantially as shown and described.

DESCRIPTION
FIG. 1 is a perspective view of a sprue and runner bars for metal casting showing my new design.
FIG. 2 is a top view thereof.
FIG. 3 is a bottom view thereof.
FIG. 4 is a radial side view thereof along one of the runner bars.
FIG. 5 is a cross-sectional view of a runner bar taken along the line 5—5 of FIG. 2.
The design is symmetrical about the longitudinal axis of the sprue and FIG. 4 is a typical side view along the axis of a runner bar.

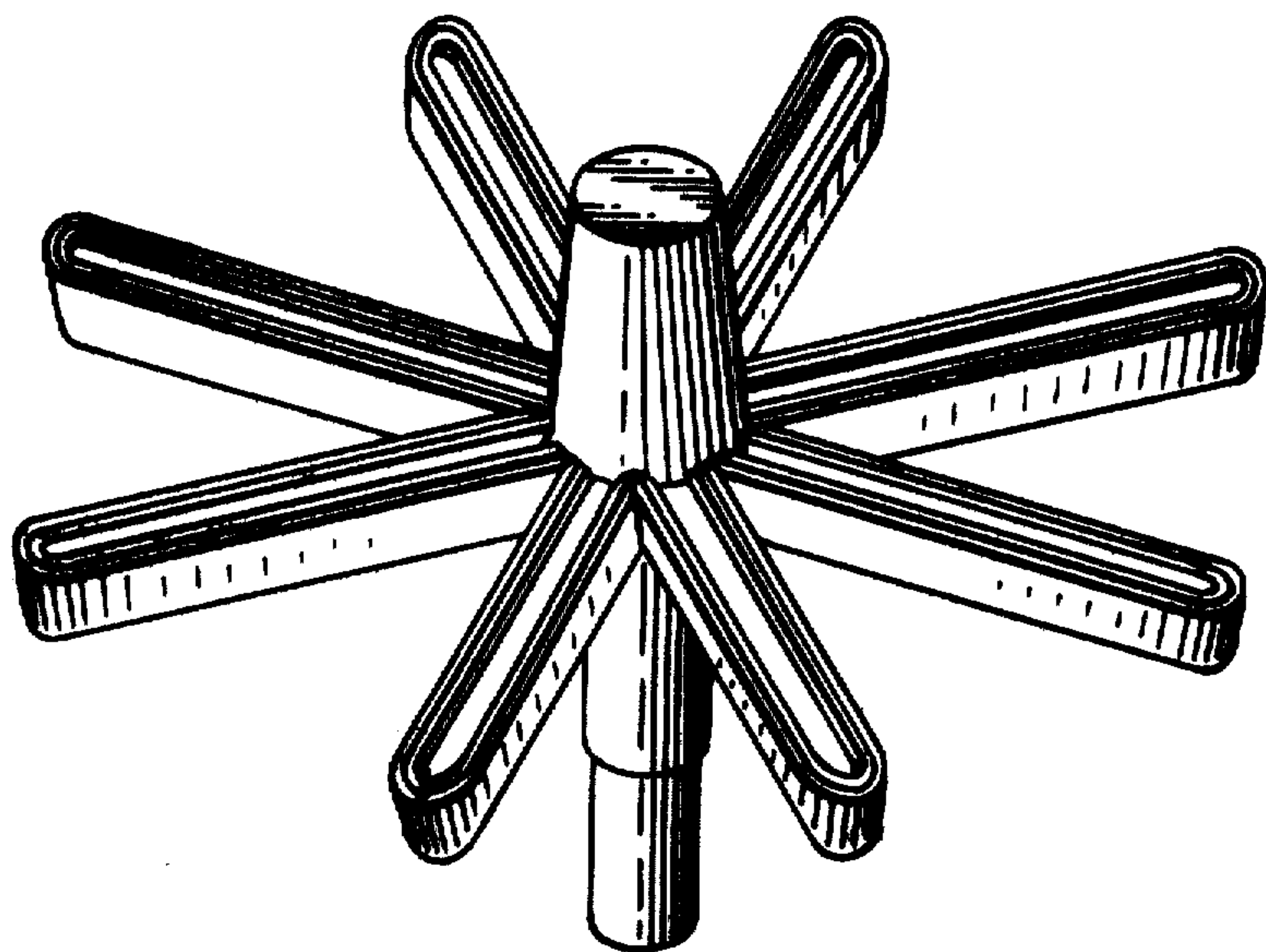


Fig. 1.

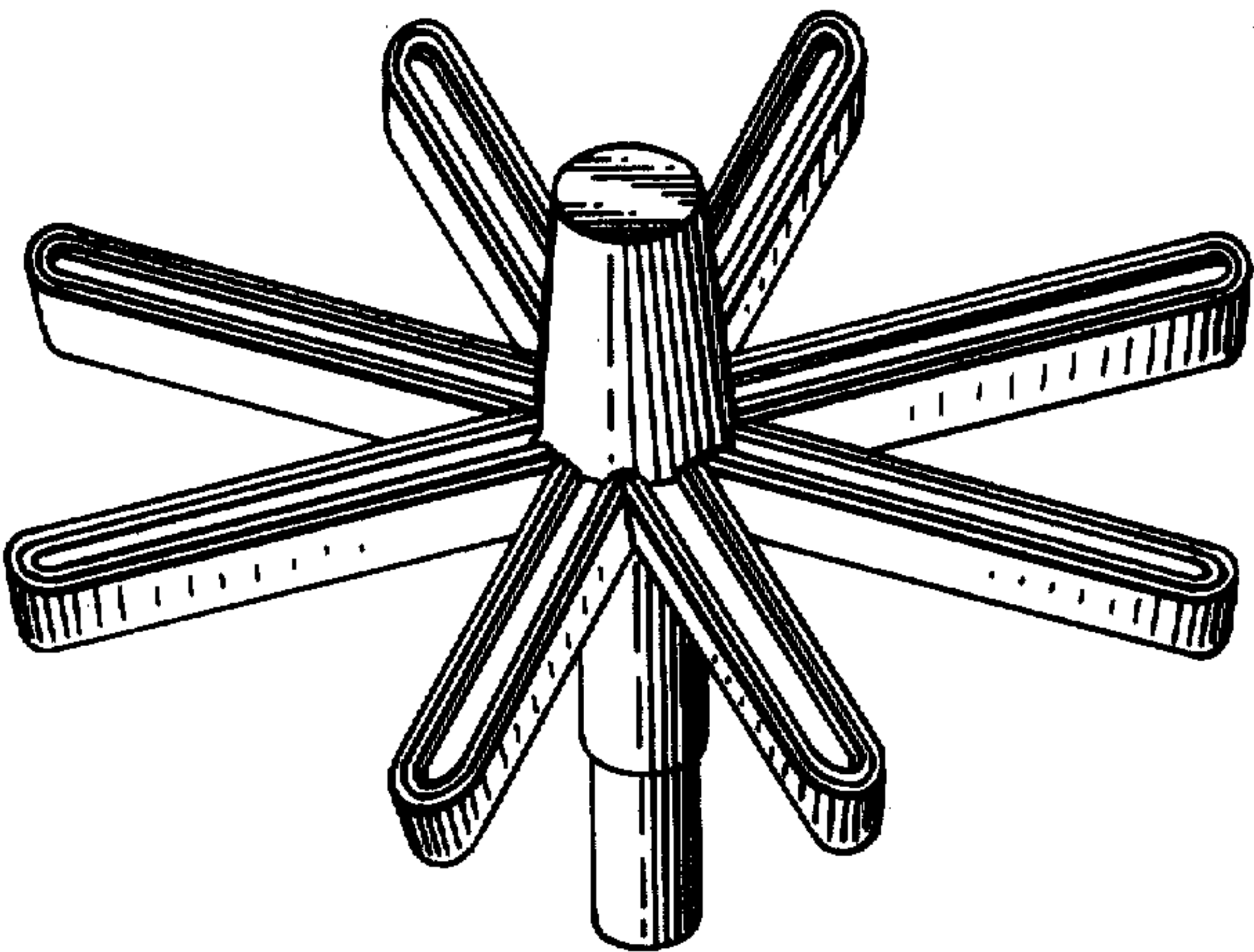


Fig. 2.

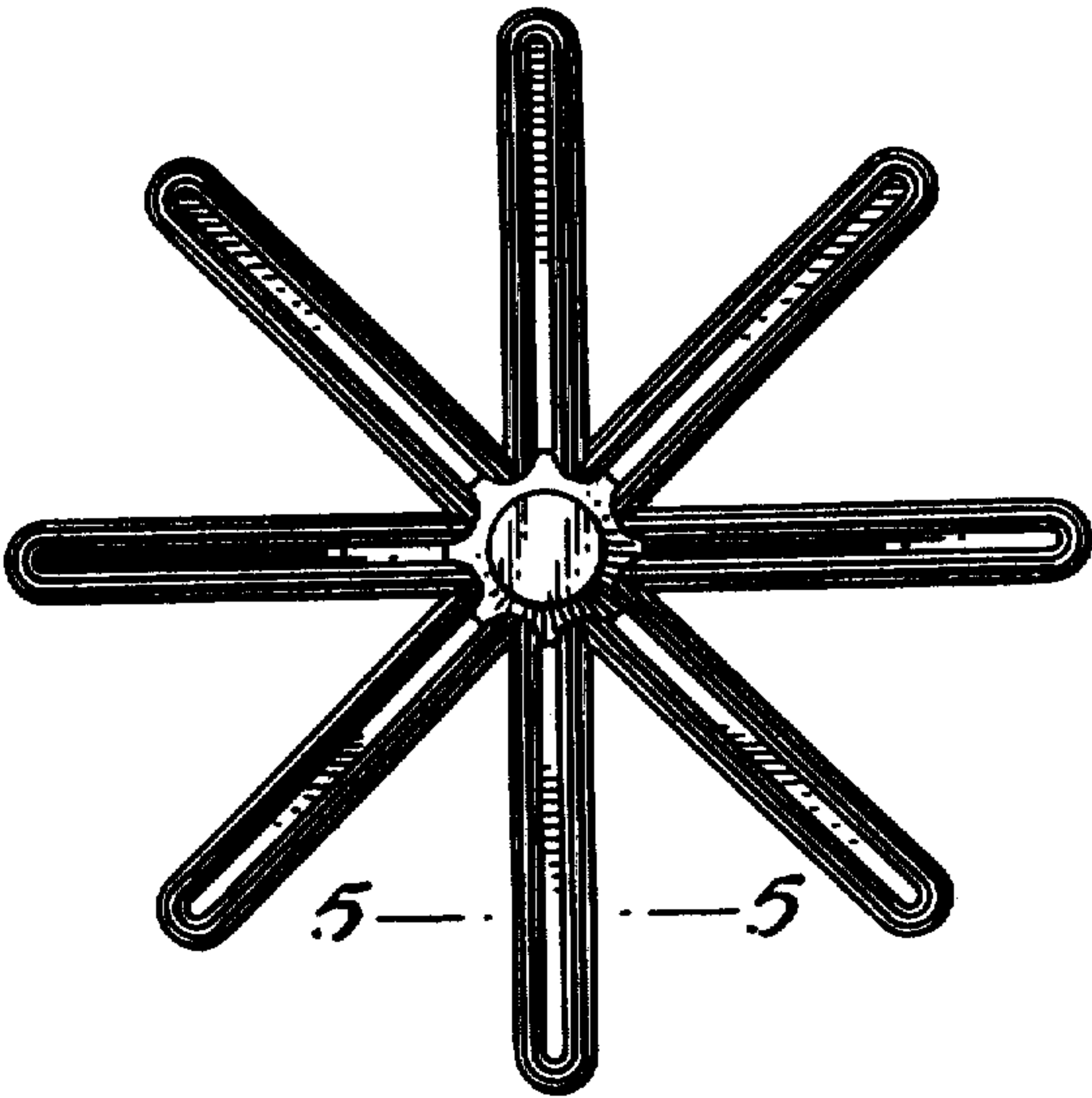


Fig. 3.

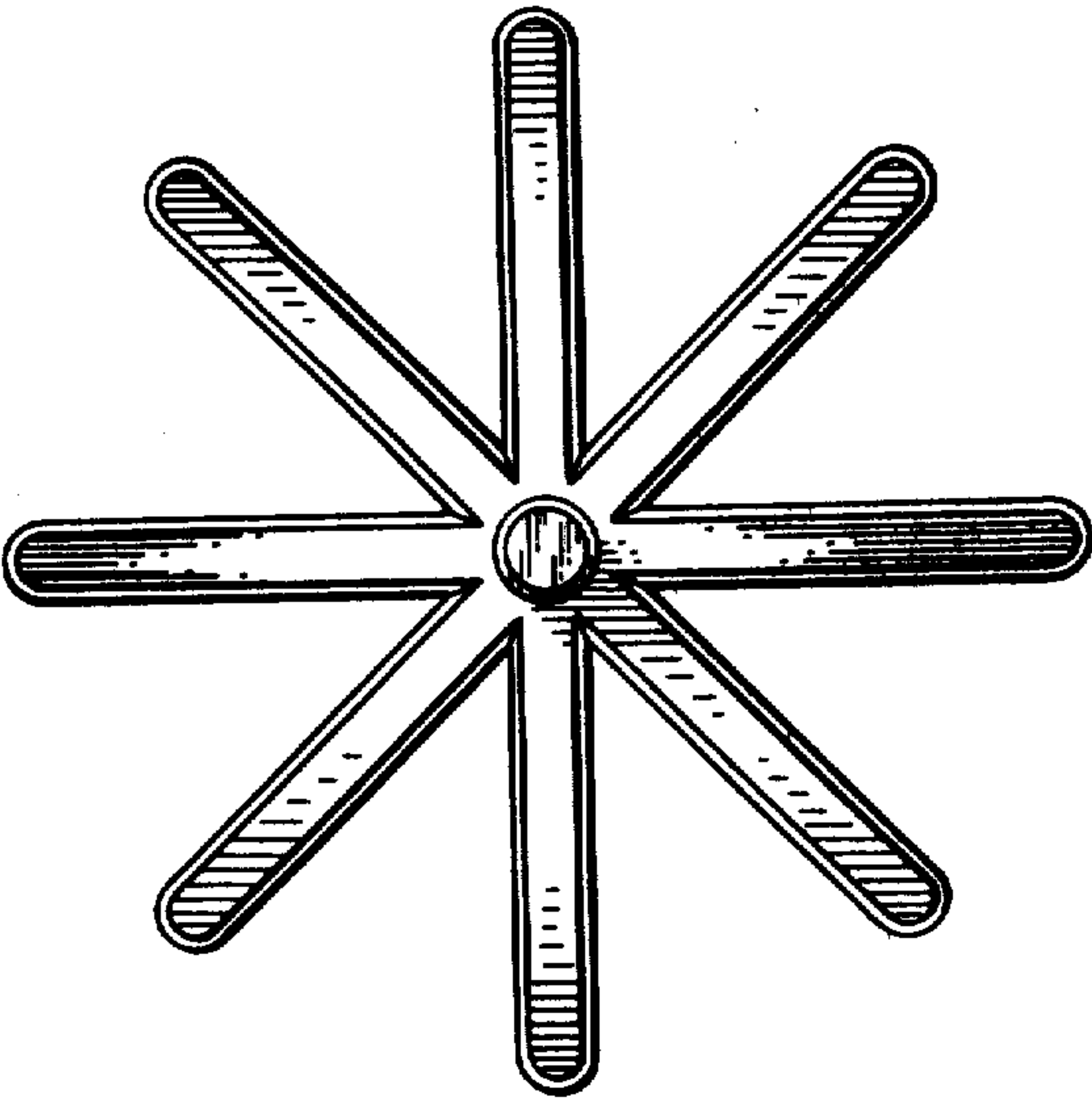


Fig. 4.

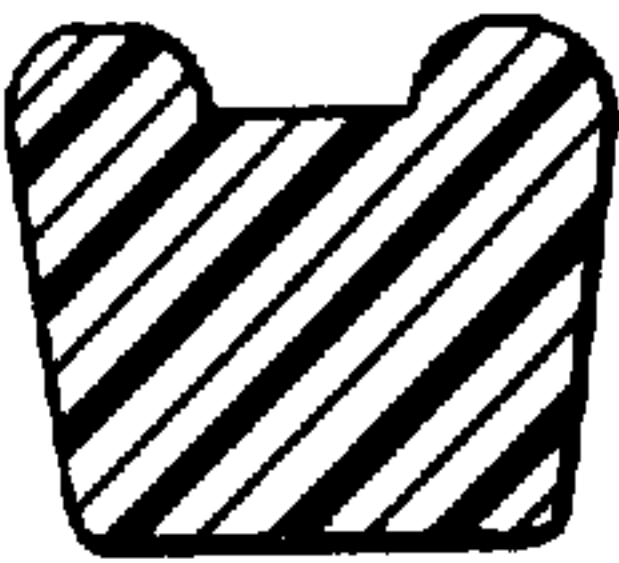
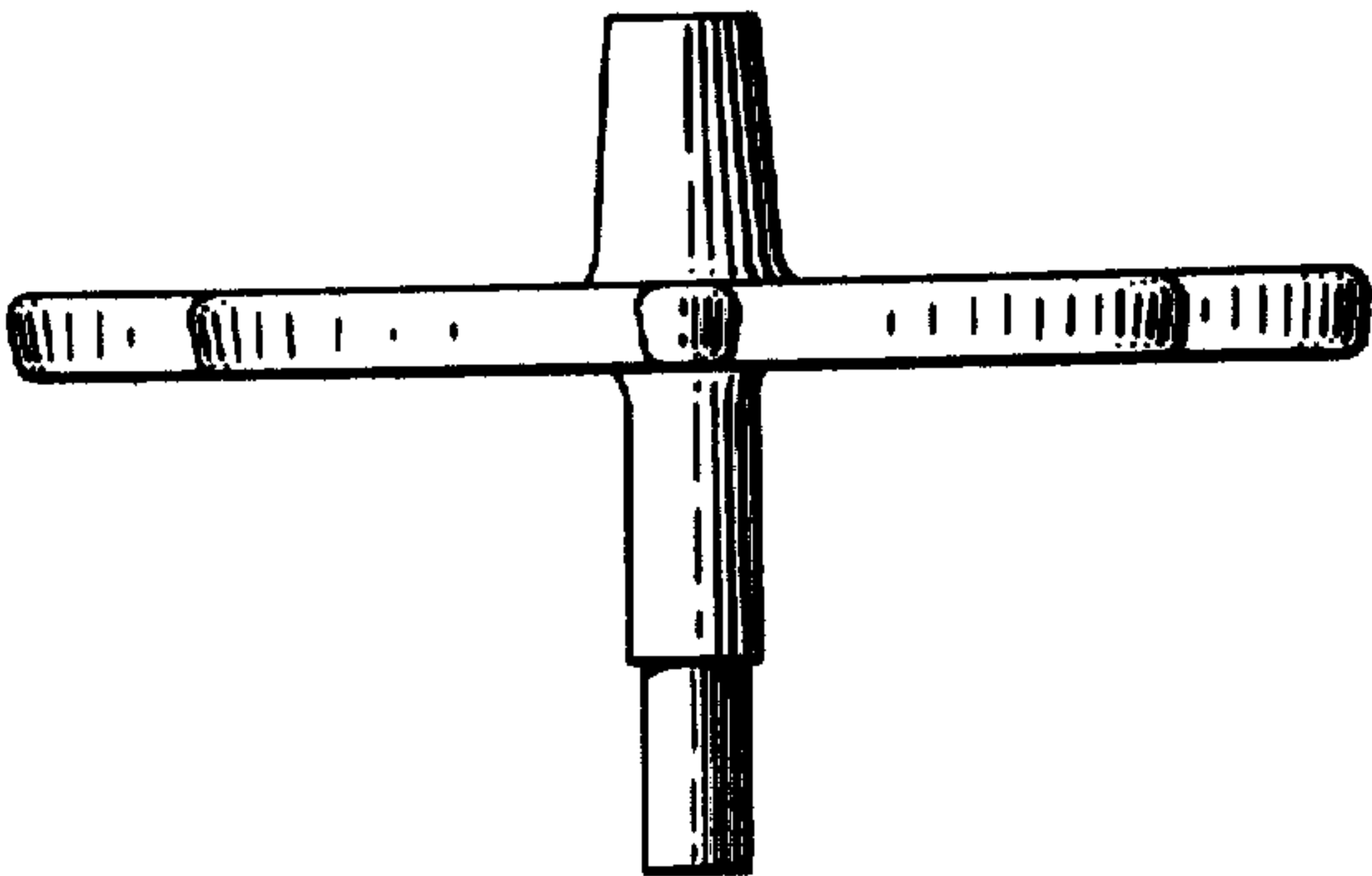


Fig. 5.