

United States Patent [19]

Shigehiro

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[54] **DOOR CLOSER**

[75] Inventor: **Osamu Shigehiro, Hiroshima, Japan**

[73] Assignee: **Ryobi Ltd., Hiroshima, Japan**

[**] Term: **14 Years**

[21] Appl. No.: **370,513**

[22] Filed: **Jun. 22, 1989**

[30] **Foreign Application Priority Data**

Dec. 27, 1988 [JP] Japan 63-51323

[52] U.S. Cl. **D8/402**

[58] Field of Search D8/402; 16/51, 71, 82,
16/DIG. 9

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 208,250 8/1967 Stein D8/402
3,212,122 10/1965 Flint 16/51

4,050,114 9/1977 Zunkel 16/51
4,086,681 5/1978 Nakanishi 16/82
4,287,639 9/1981 Denton 16/71
4,506,407 3/1985 Downey 16/DIG. 9

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Macpeak & Seas

[57] **CLAIM**

The ornamental design for a door closer, as shown.

DESCRIPTION

FIG. 1 is a front, top and right side perspective view of a door closer showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a right side elevational view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a left side elevational view thereof; and
FIG. 7 is a bottom plan view thereof.

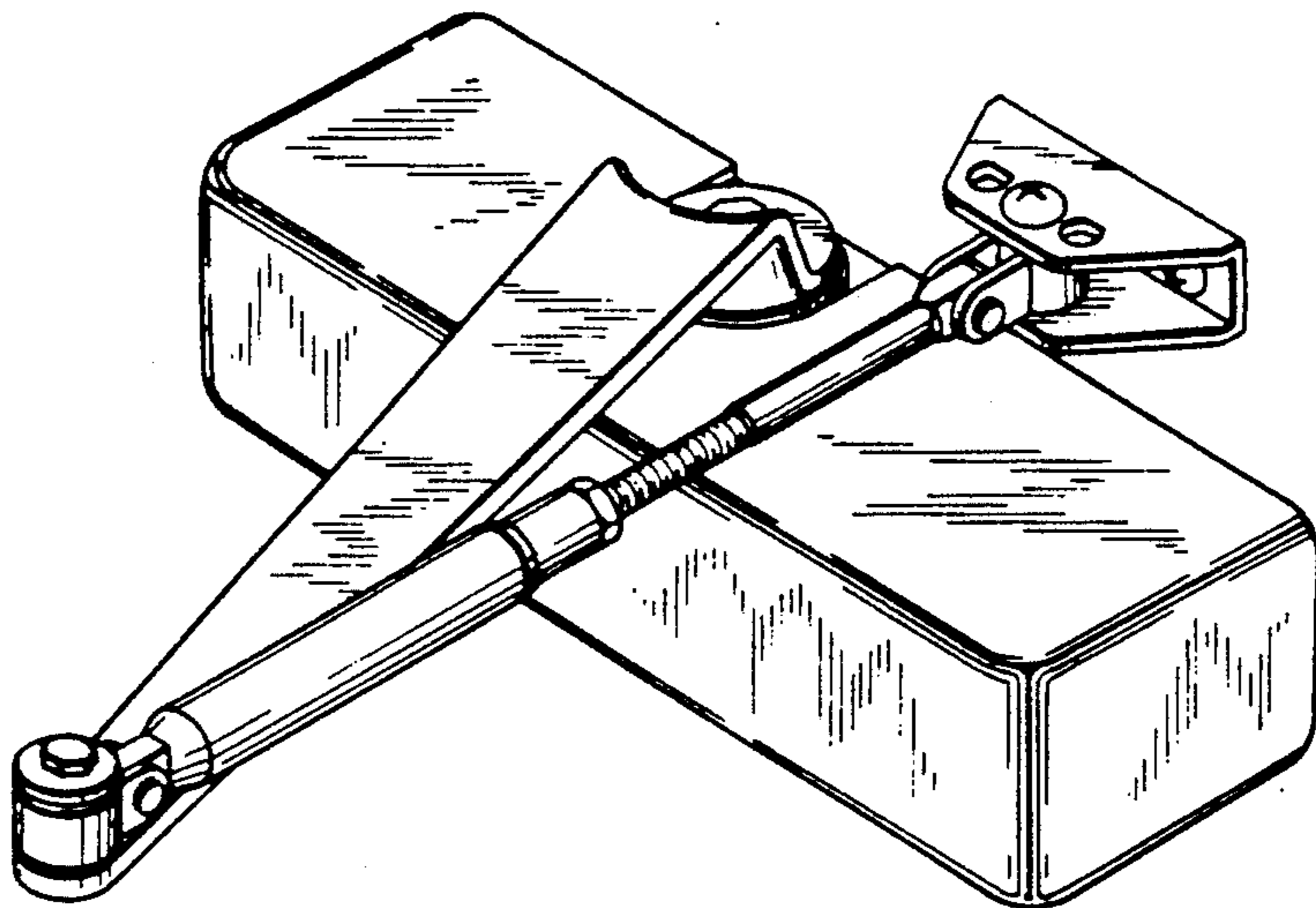


FIG. 1

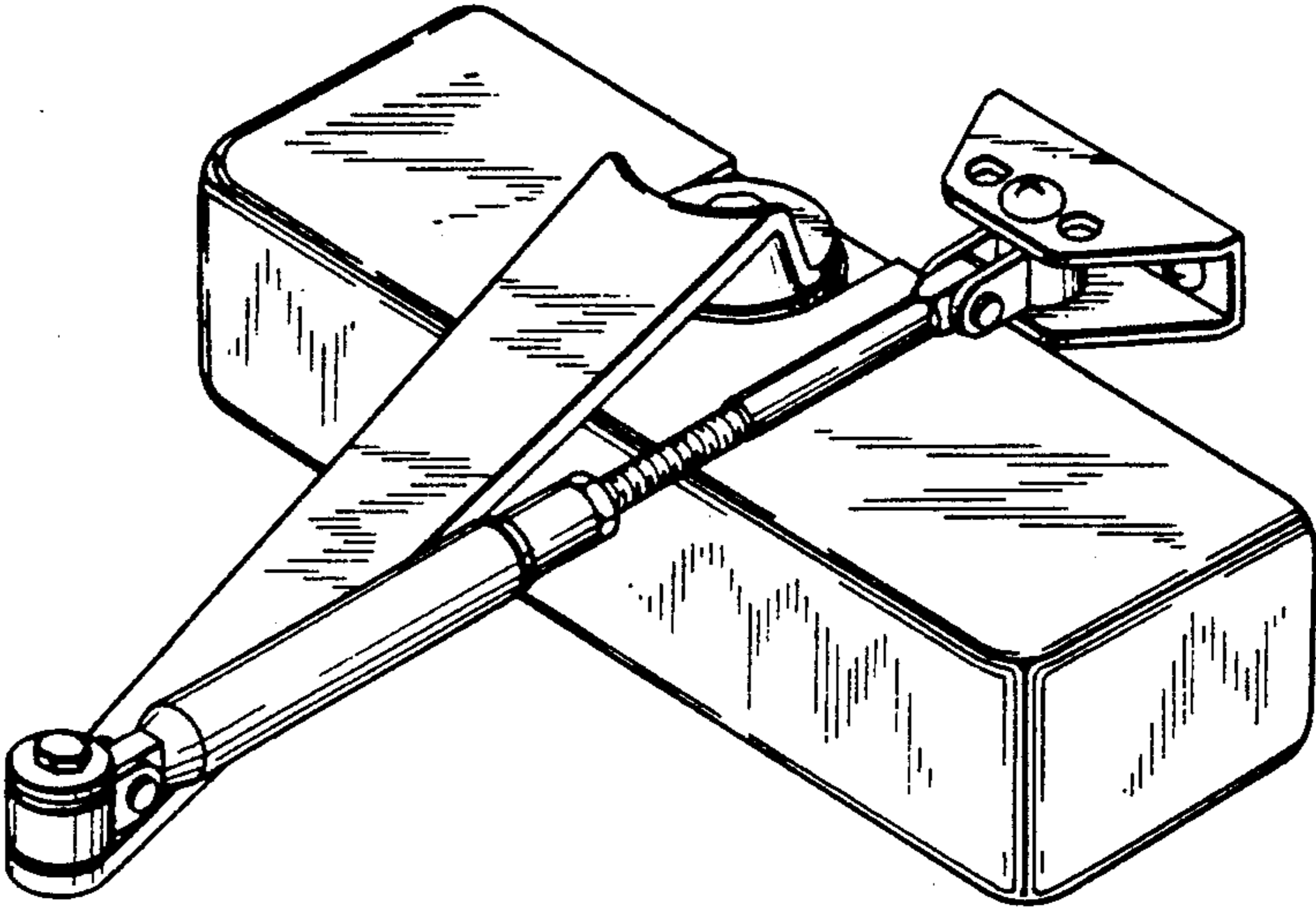


FIG. 2

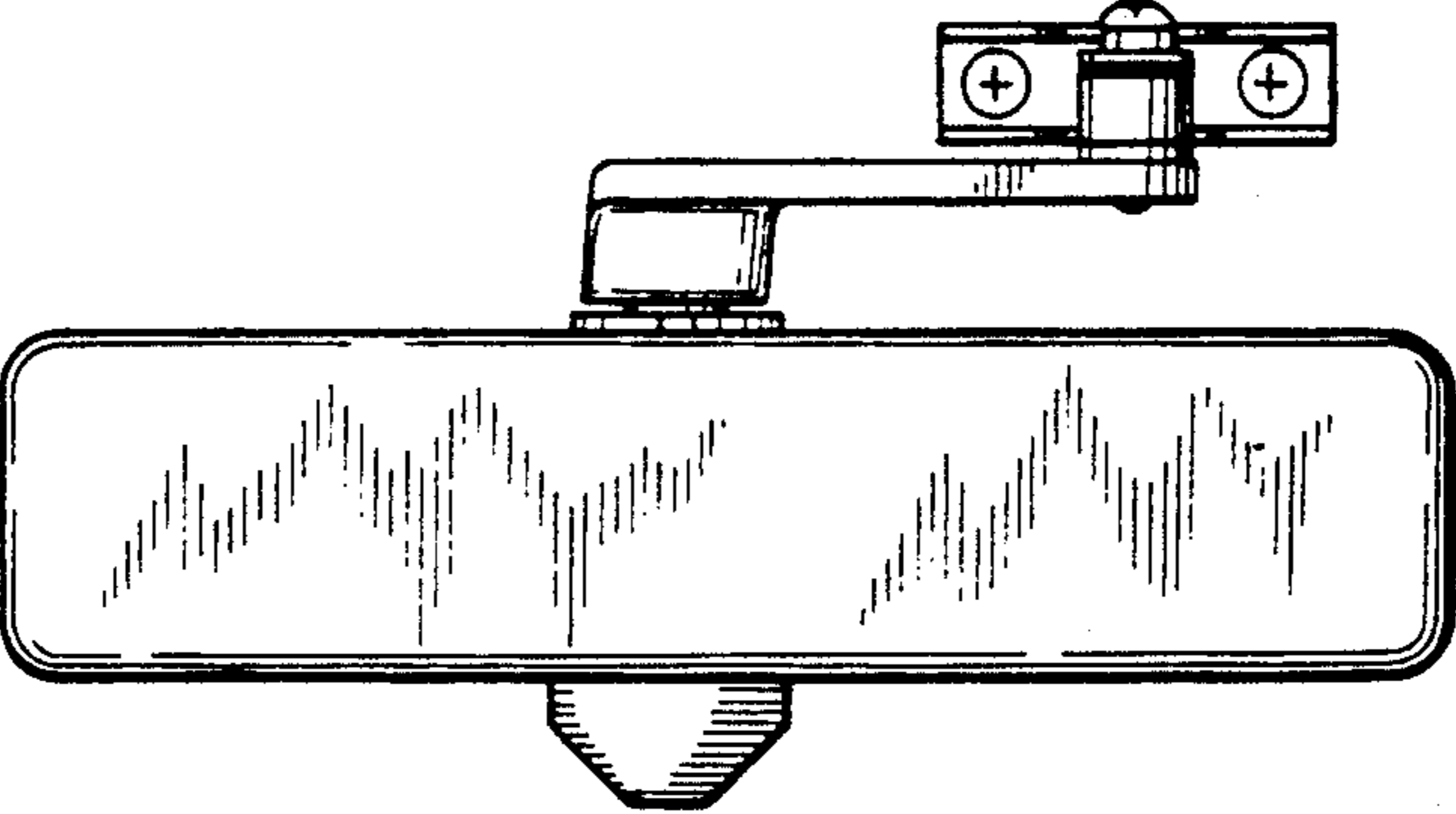


FIG. 3

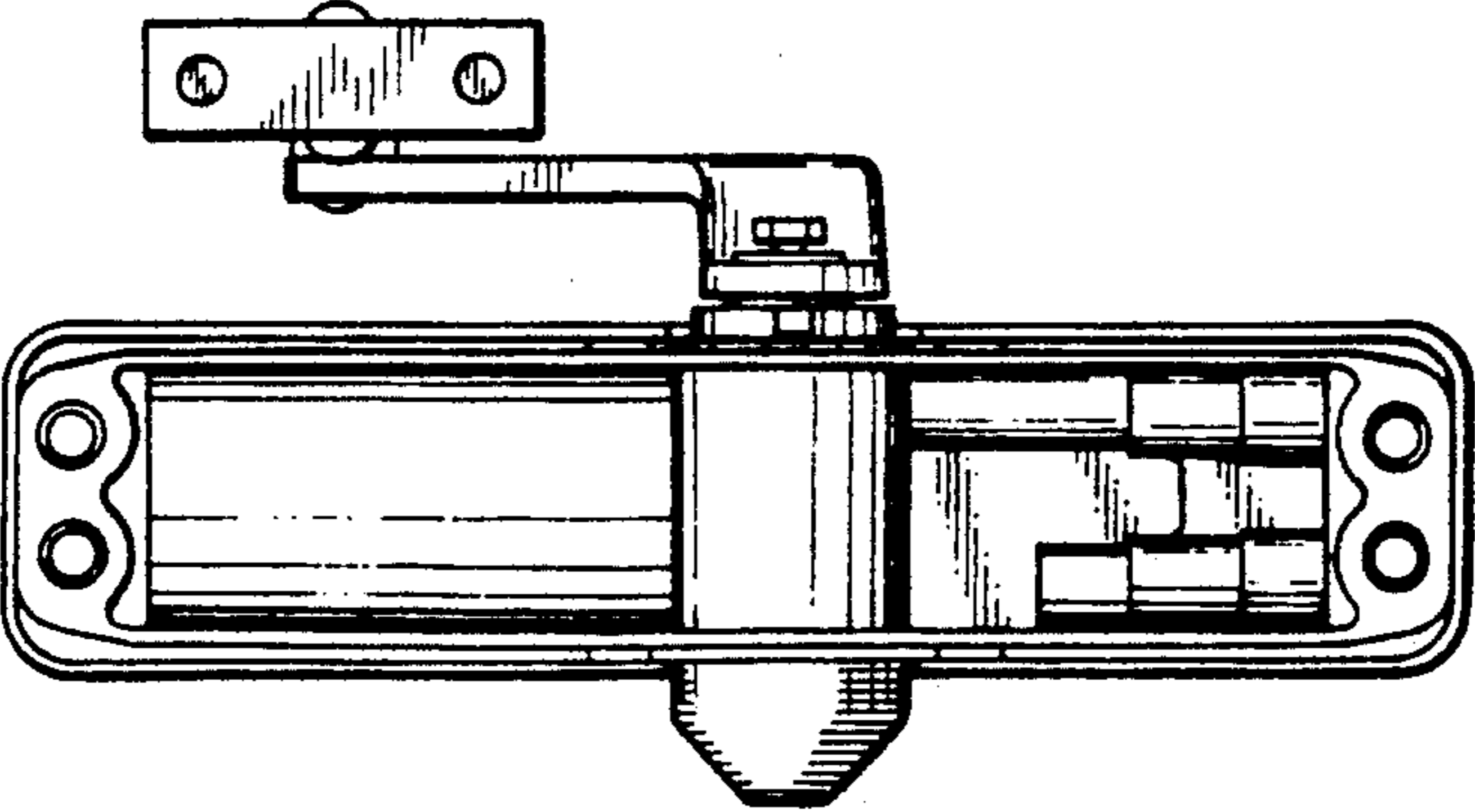


FIG. 4

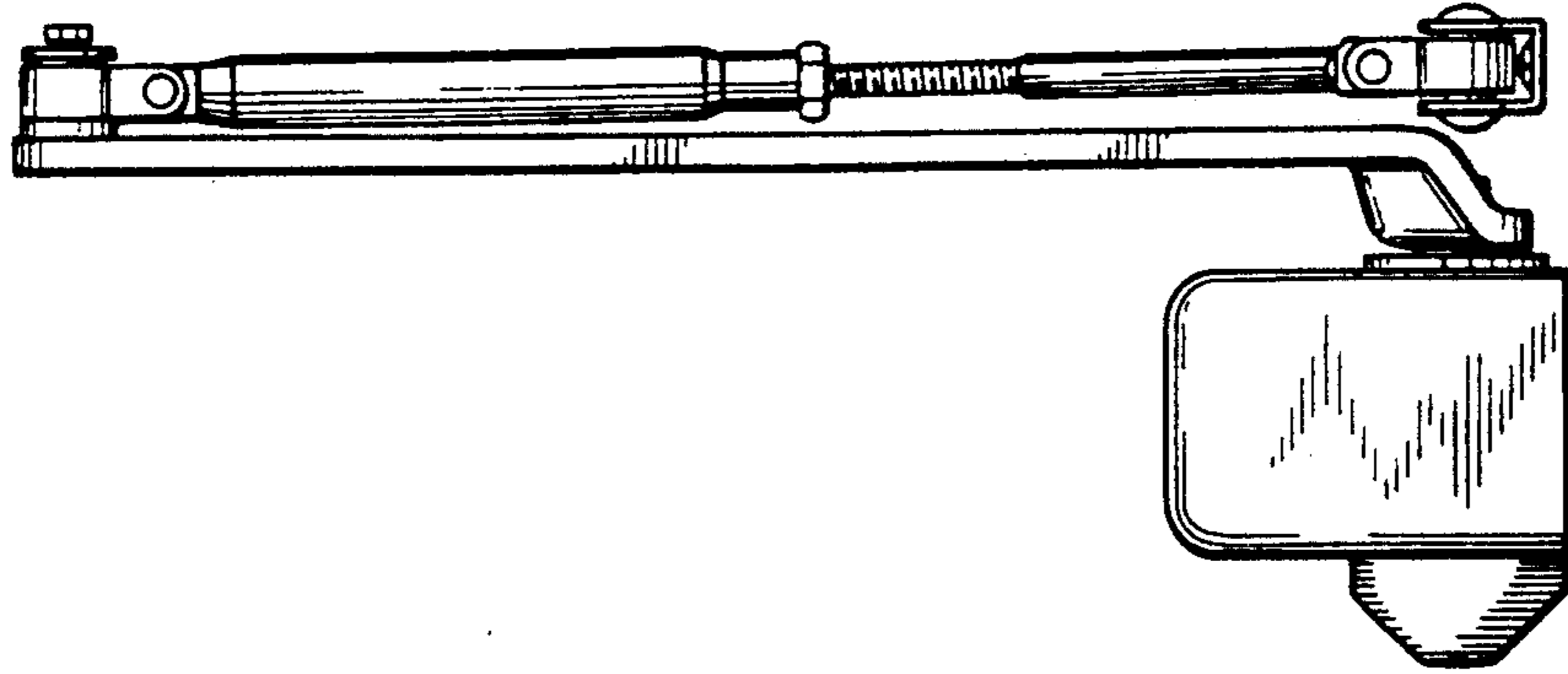


FIG. 5

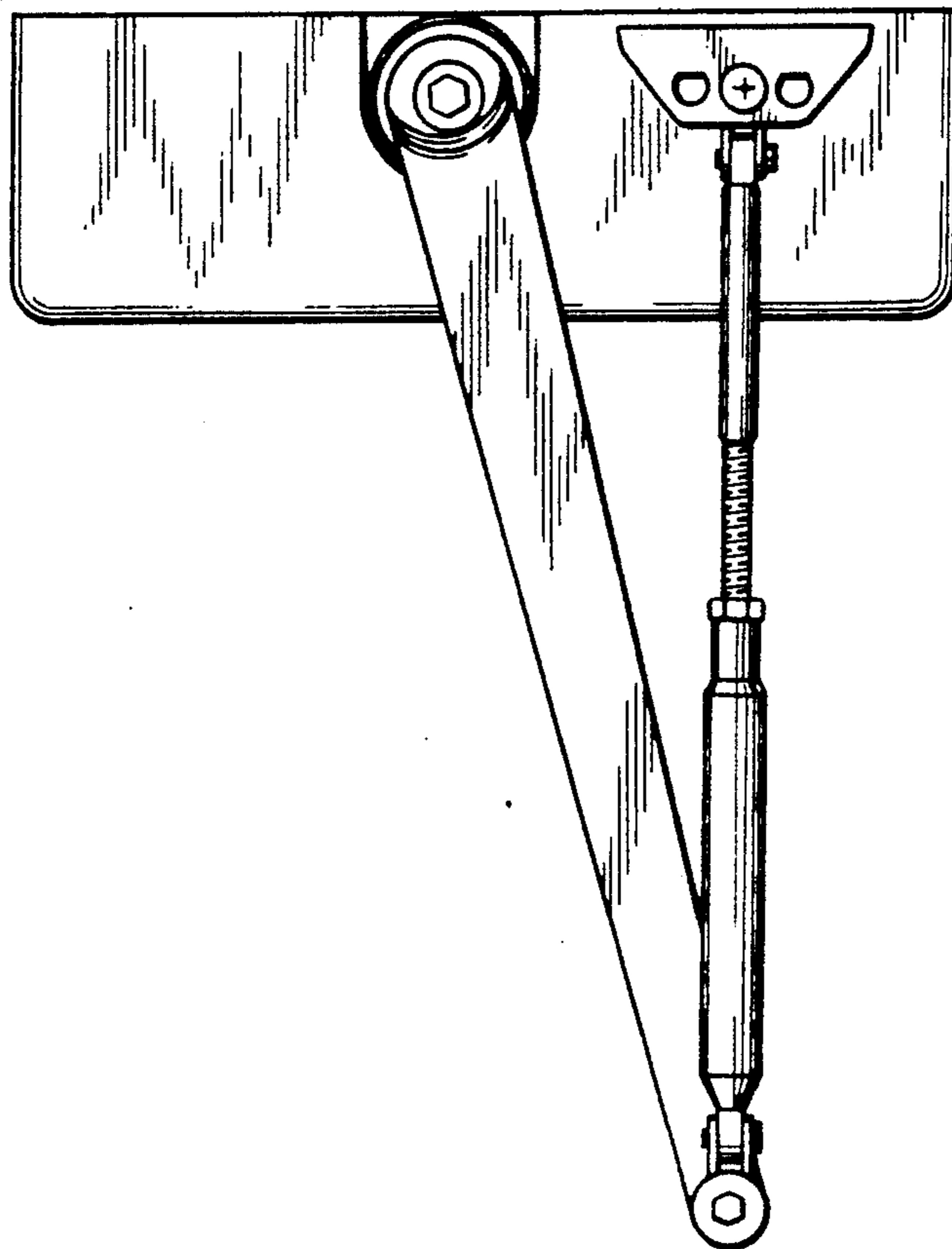


FIG. 6

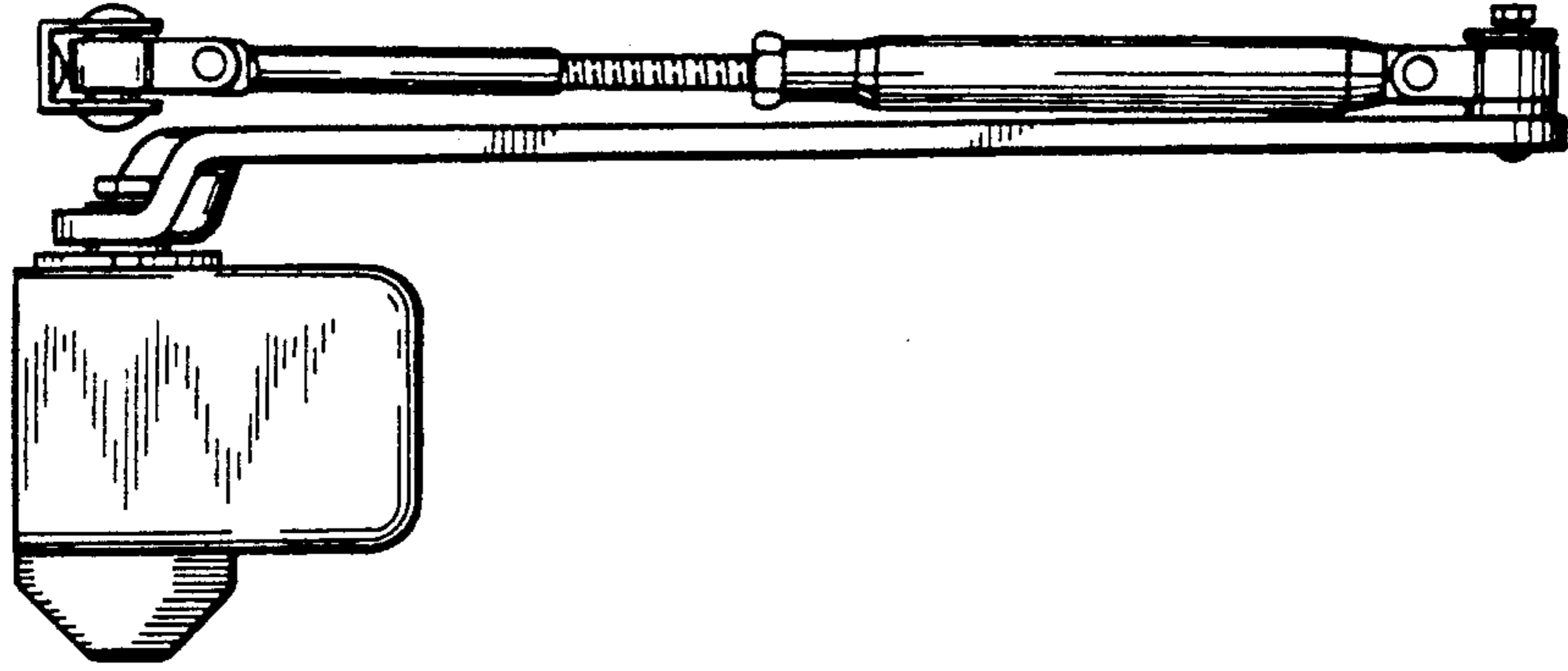


FIG. 7

