

[54] **VACUUM CLEANER**
[76] **Inventor: Benny Li, 702 Tung Wai Commercial Bldg. 111, Gloucester Road, Wanchai, Hong Kong**
[**] **Term: 14 Years**
[21] **Appl. No.: 71,281**
[22] **Filed: Jul. 9, 1987**
[52] **U.S. Cl. D32/22; D32/18**
[58] **Field of Search D32/21-22, D32/24, 32-34; 15/320-322, 328-329, 333, 338, 344, 347, 349-351, 353, 410, 412, 414, 415 R, 415 A, 418-422**

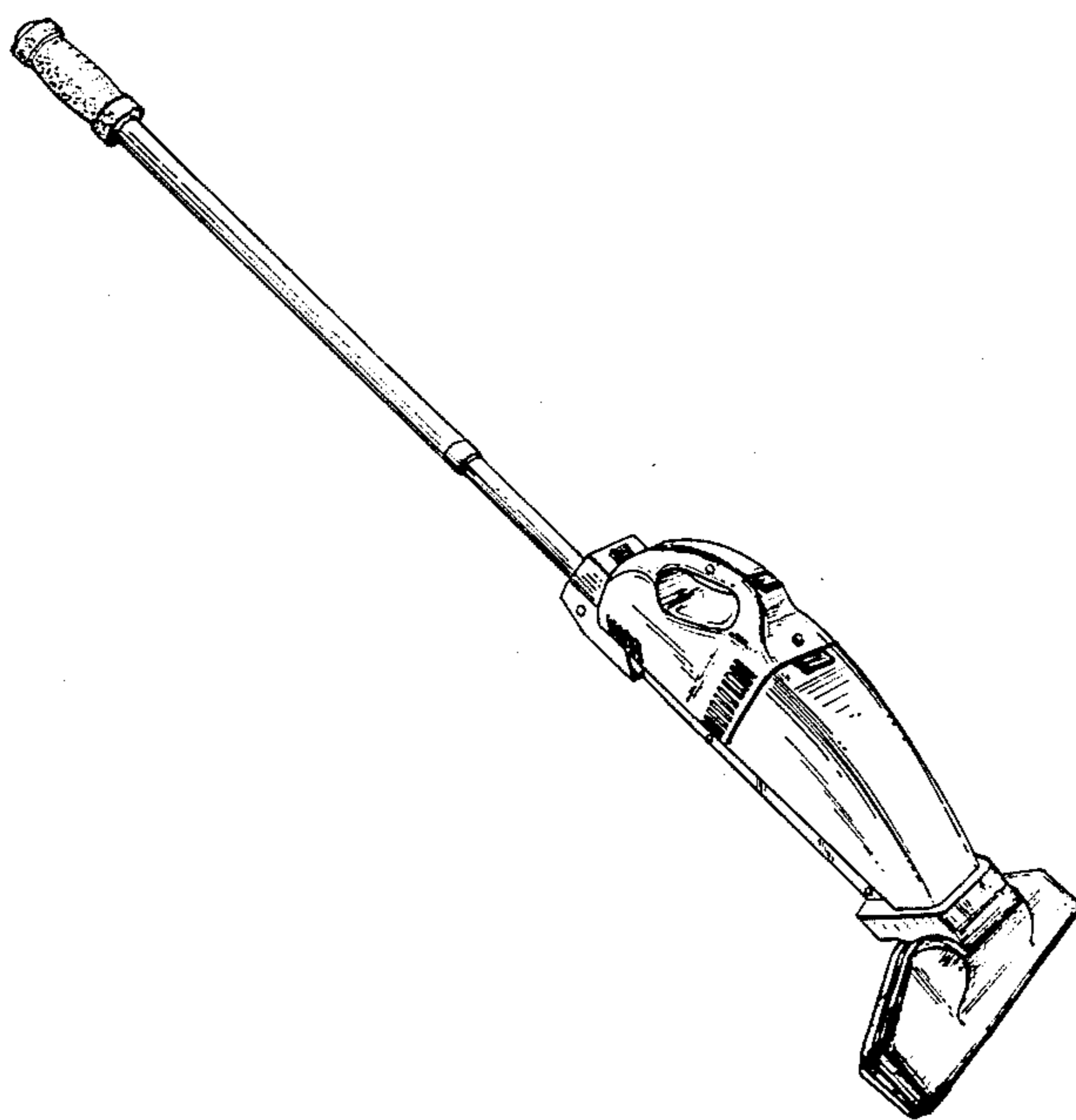
[56] **References Cited**
U.S. PATENT DOCUMENTS
D. 214,084 5/1969 Chi D32/18
D. 220,970 6/1971 Rawson et al. D32/22

D. 290,895 7/1987 Thomas et al. D32/22
D. 292,636 11/1987 Goodrich et al. D32/22
D. 298,875 12/1988 Nakamura D32/18

Primary Examiner—A. Hugo Word
Assistant Examiner—Ruth McInroy
Attorney, Agent, or Firm—Hopgood, Calimafde, Kalil, Blaustein & Judlowe

[57] **CLAIM**
The ornamental design of a vacuum cleaner, as shown.

DESCRIPTION
FIG. 1 is a perspective view of a vacuum cleaner showing my new design;
FIG. 2 is an exploded perspective view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a side elevational view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a rear elevational view thereof; and
FIG. 7 is a front elevational view thereof.



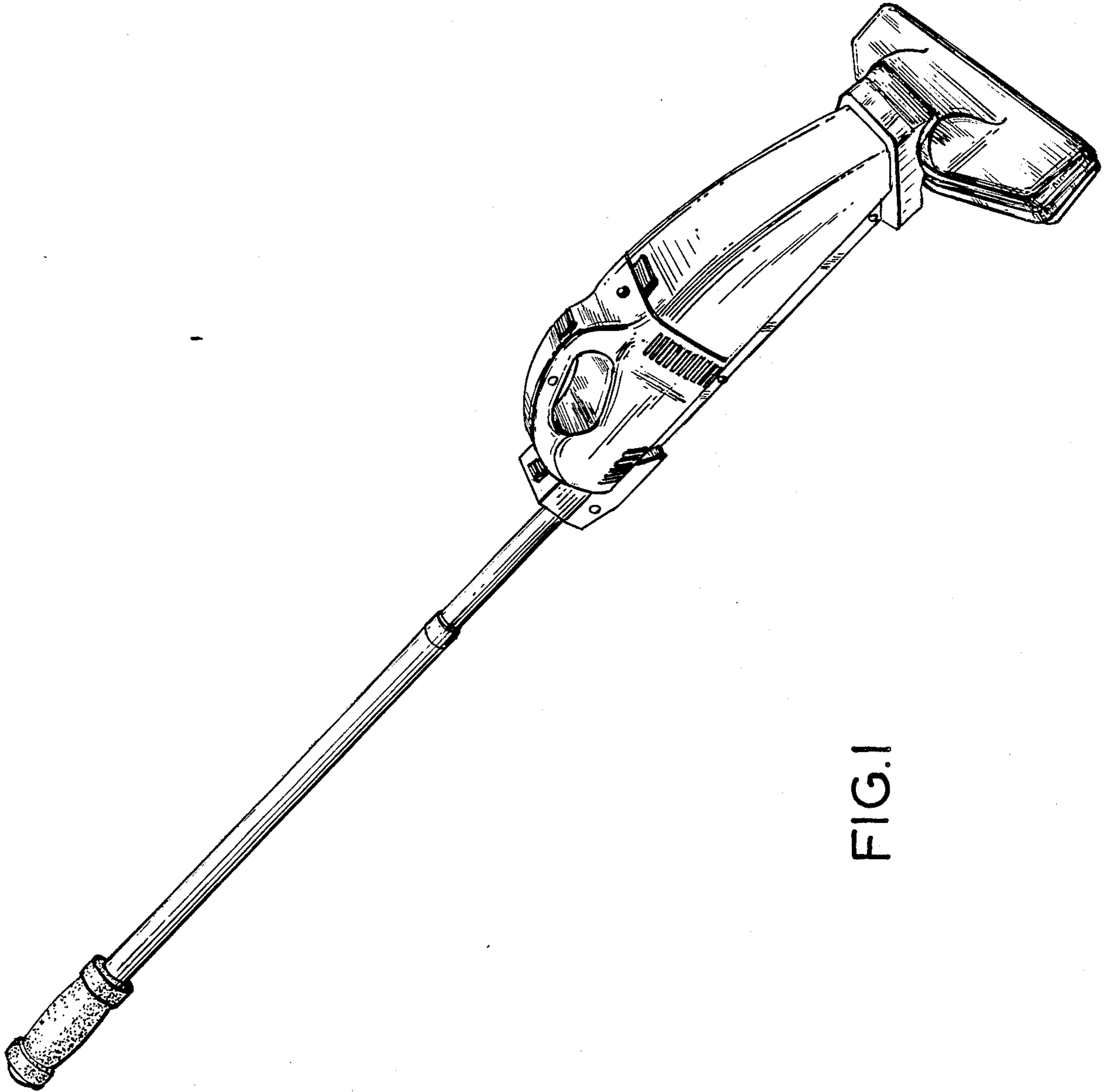


FIG. 1

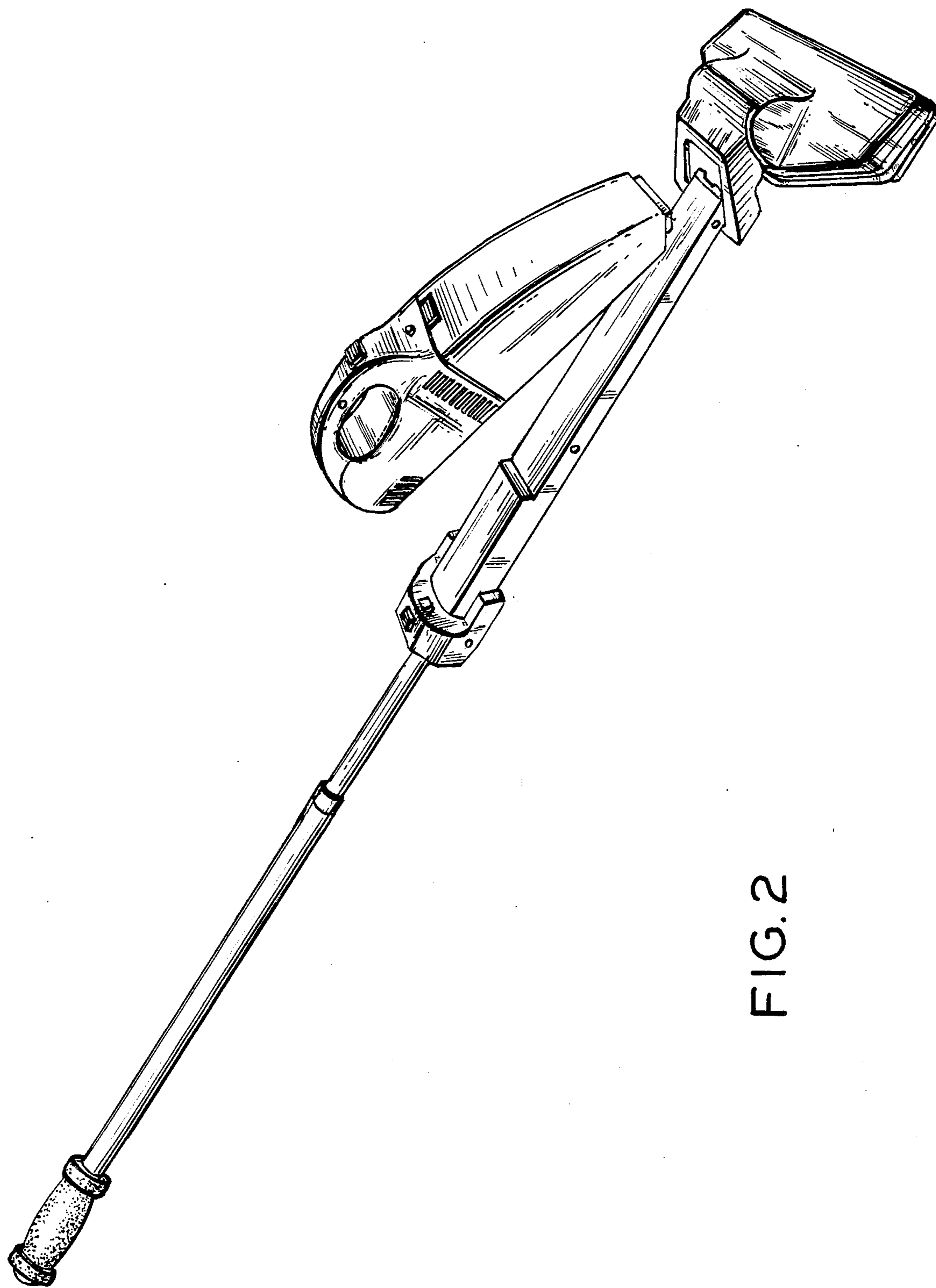


FIG. 2

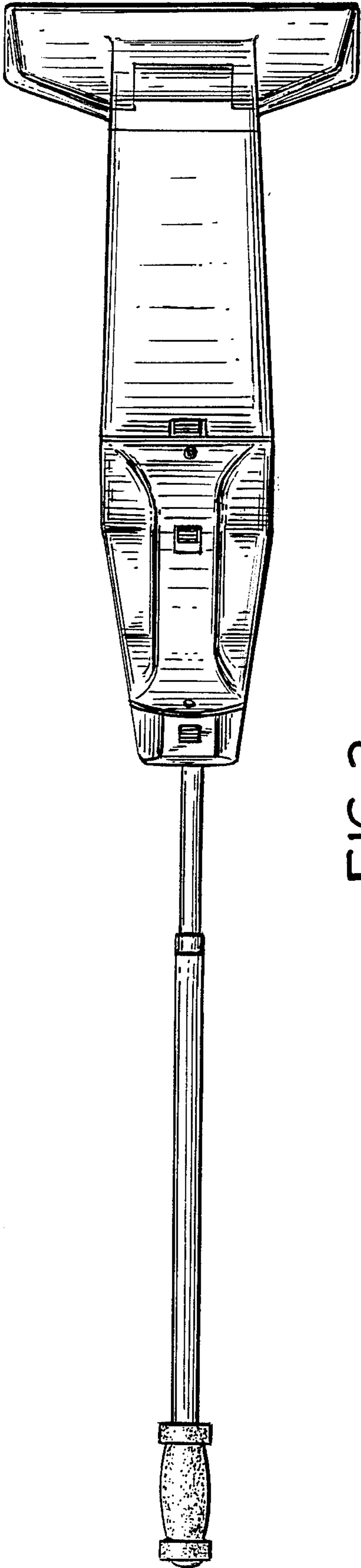


FIG. 3

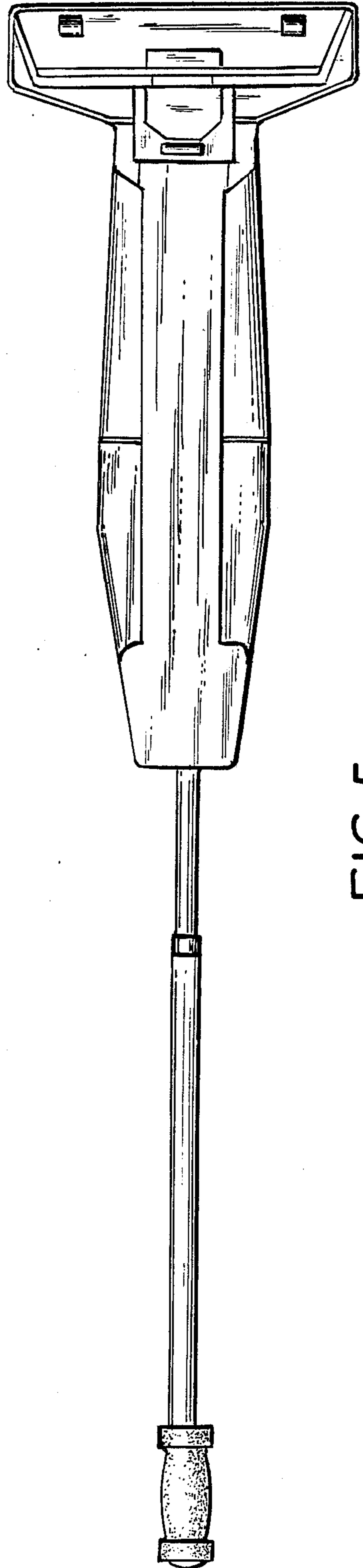


FIG. 5

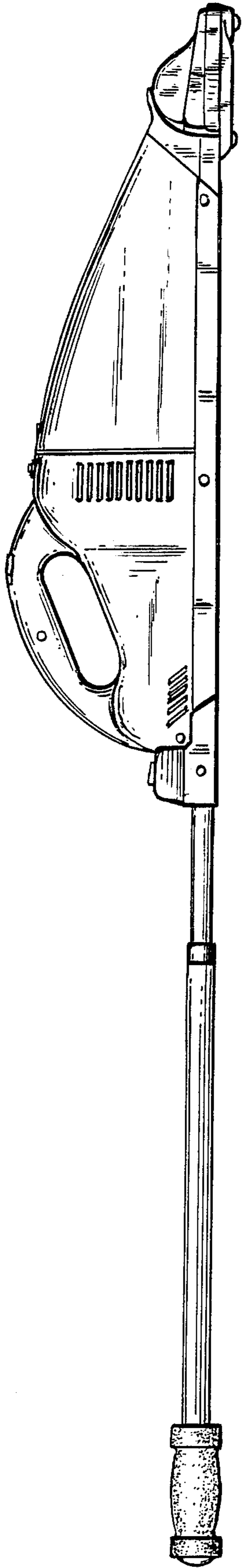


FIG. 4

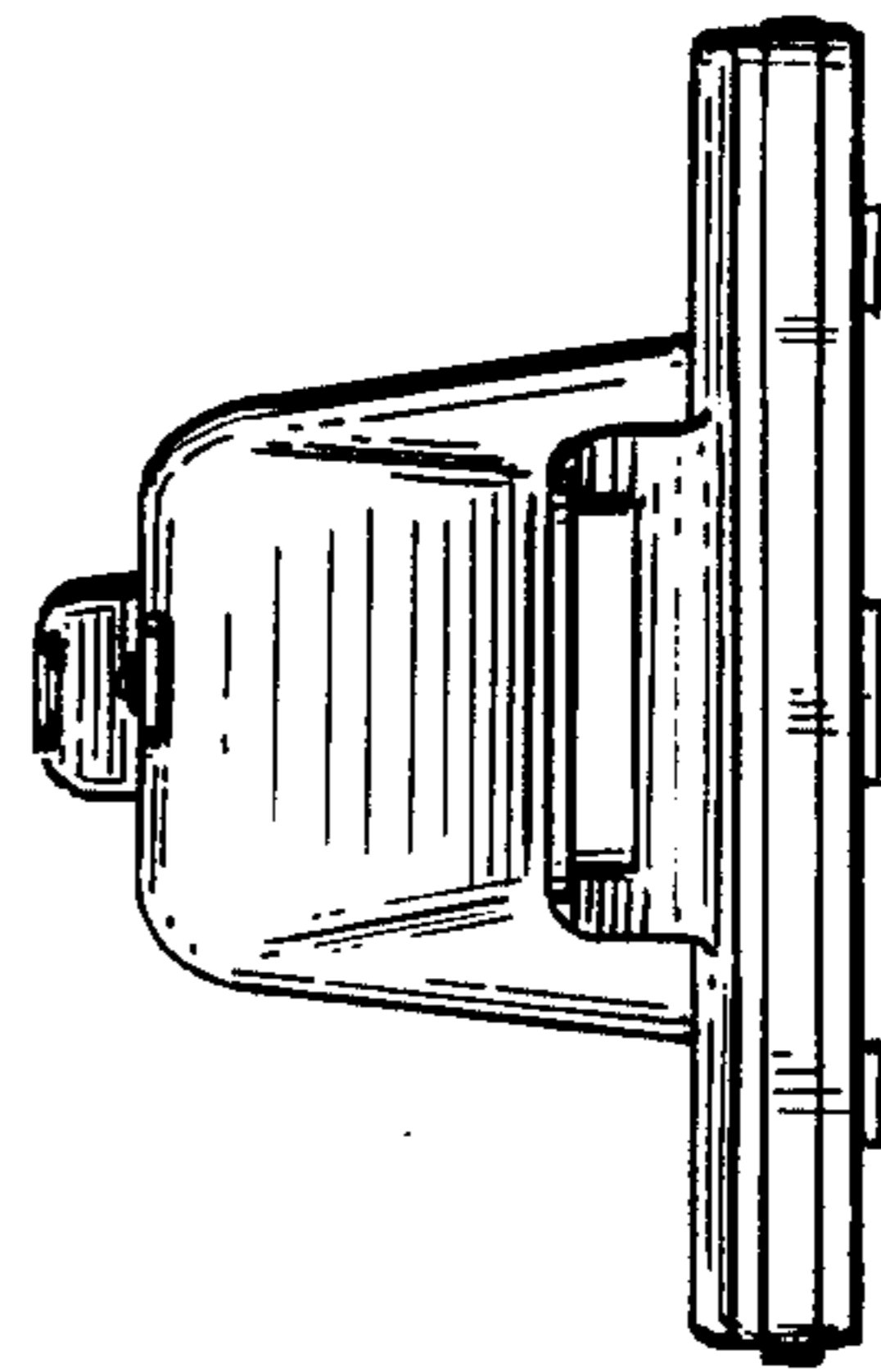


FIG. 6

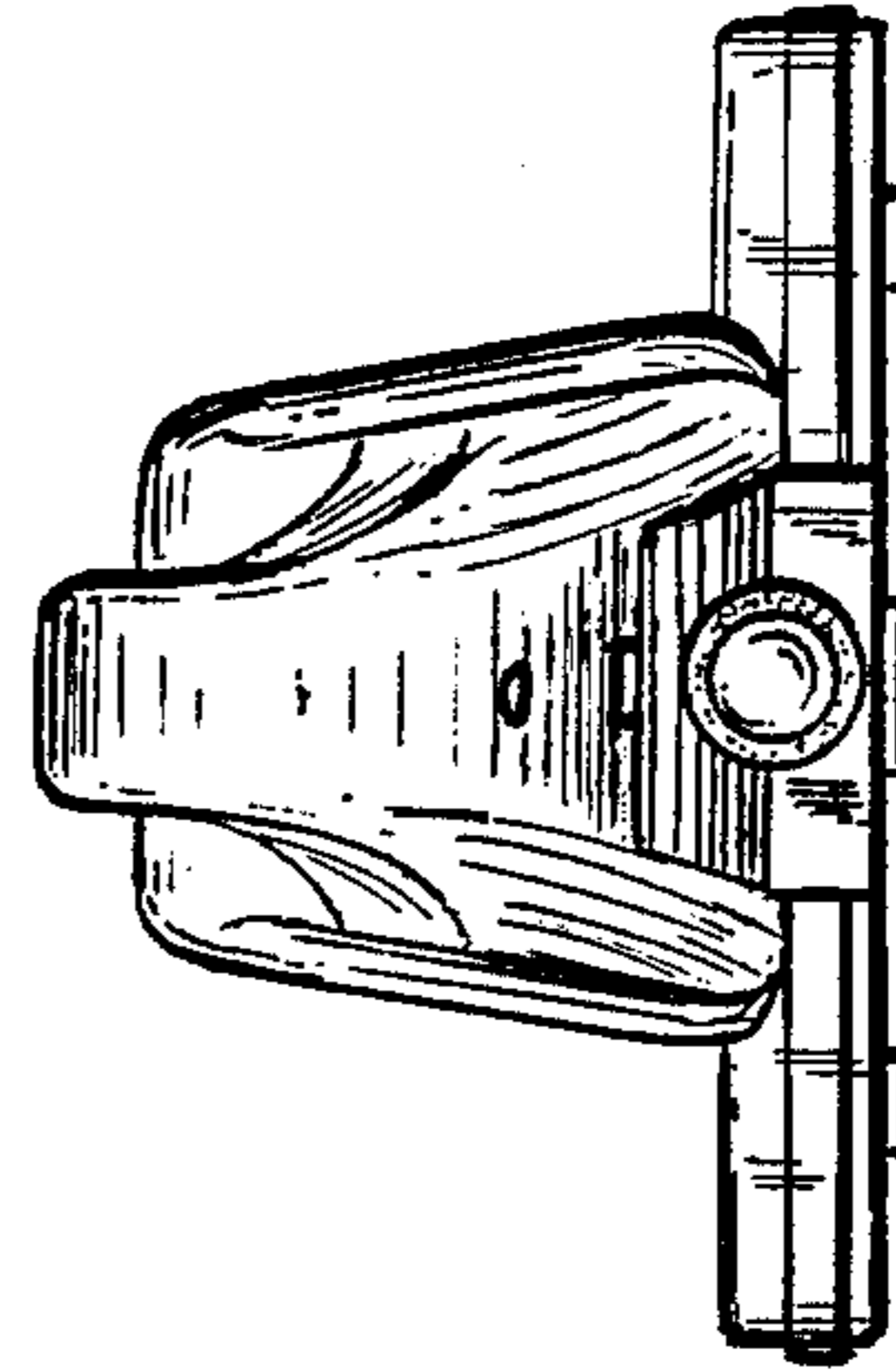


FIG. 7