



US00D331202S

# United States Patent [19]

[11] Patent Number: Des. 331,202

Jeffers et al.

[45] Date of Patent: \*\* Nov. 24, 1992

- [54] TRIPLE TUBE VISCOSITY TESTING INSTRUMENT
- [75] Inventors: David G. Jeffers, Glenwood Springs, Colo.; Donald G. Pachuta, Bridgewater, N.J.
- [73] Assignee: Louis C. Eitzen Co., Inc., Glenwood Springs, Colo.
- [\*\*] Term: 14 Years
- [21] Appl. No.: 752,259
- [22] Filed: Aug. 29, 1991
- [52] U.S. Cl. .... D10/81; D10/78; D10/81
- [58] Field of Search ..... D10/46, 78, 81, 96, D10/97, 98, 99, 100, 101; D24/121, 122, 128, 216, 140, 224, 227, 229; 73/55, 54, 56, 57, 58, 59, 60; 364/415, 413, 29, 413.02, 413.07, 413.09

- 2,091,024 8/1937 Beshers .
- 2,141,329 12/1938 Zahn .
- 2,156,407 5/1939 Stewart .
- 2,343,030 2/1944 Simmons .
- 2,343,061 2/1944 Irany .
- 2,431,378 11/1947 Eitzen et al. .
- 2,439,287 4/1948 Eitzen .
- 2,609,682 9/1952 Eitzen .
- 3,207,302 9/1965 Hobbs ..... D24/229 X
- 4,897,789 1/1990 King et al. .... 364/413.07

[56] References Cited

U.S. PATENT DOCUMENTS

- D. 233,508 11/1974 Pinotti ..... D10/84
- D. 233,509 11/1974 McHone ..... D10/84
- D. 312,218 11/1990 Hill ..... D10/81 X
- 502,073 7/1893 Hausman .
- 670,663 3/1901 Bunce .
- 989,822 4/1911 Strasburger .
- 1,244,025 10/1917 Browning, Jr. .
- 1,247,523 11/1917 Flowers .
- 1,270,800 7/1918 Edgecomb .
- 1,362,053 12/1920 Steiner .
- 1,390,858 9/1921 Amerman .
- 1,394,322 10/1921 Marshutz .
- 1,427,922 9/1922 Tiffany .
- 1,511,998 10/1924 Larson et al. .
- 1,548,290 8/1925 Tidmarsh .
- 1,758,677 5/1930 Smith .
- 1,790,948 2/1931 Rodgers .
- 1,863,522 6/1932 Fairbairn .
- 1,870,412 8/1932 Kennedy .
- 1,934,739 11/1933 Rule, Jr. .
- 1,980,761 11/1934 Mock et al. .
- 2,032,197 2/1936 Blanchard .
- 2,087,279 7/1937 Deming .

FOREIGN PATENT DOCUMENTS

- 267917 5/1913 Fed. Rep. of Germany .
- 351890 4/1922 Fed. Rep. of Germany .
- 483611 10/1926 Fed. Rep. of Germany .
- 577839 6/1924 France .
- 22042 of 1912 United Kingdom .

OTHER PUBLICATIONS

Document entitled "Viscobile Comparative Diluimetre VCD" by Geserco of France.  
 Taylor, Rolla H., "Factors Affecting Results Obtained with the Mooney Viscometer", Circular of the National Bureau of Standards C451, Nov. 8, 1945.

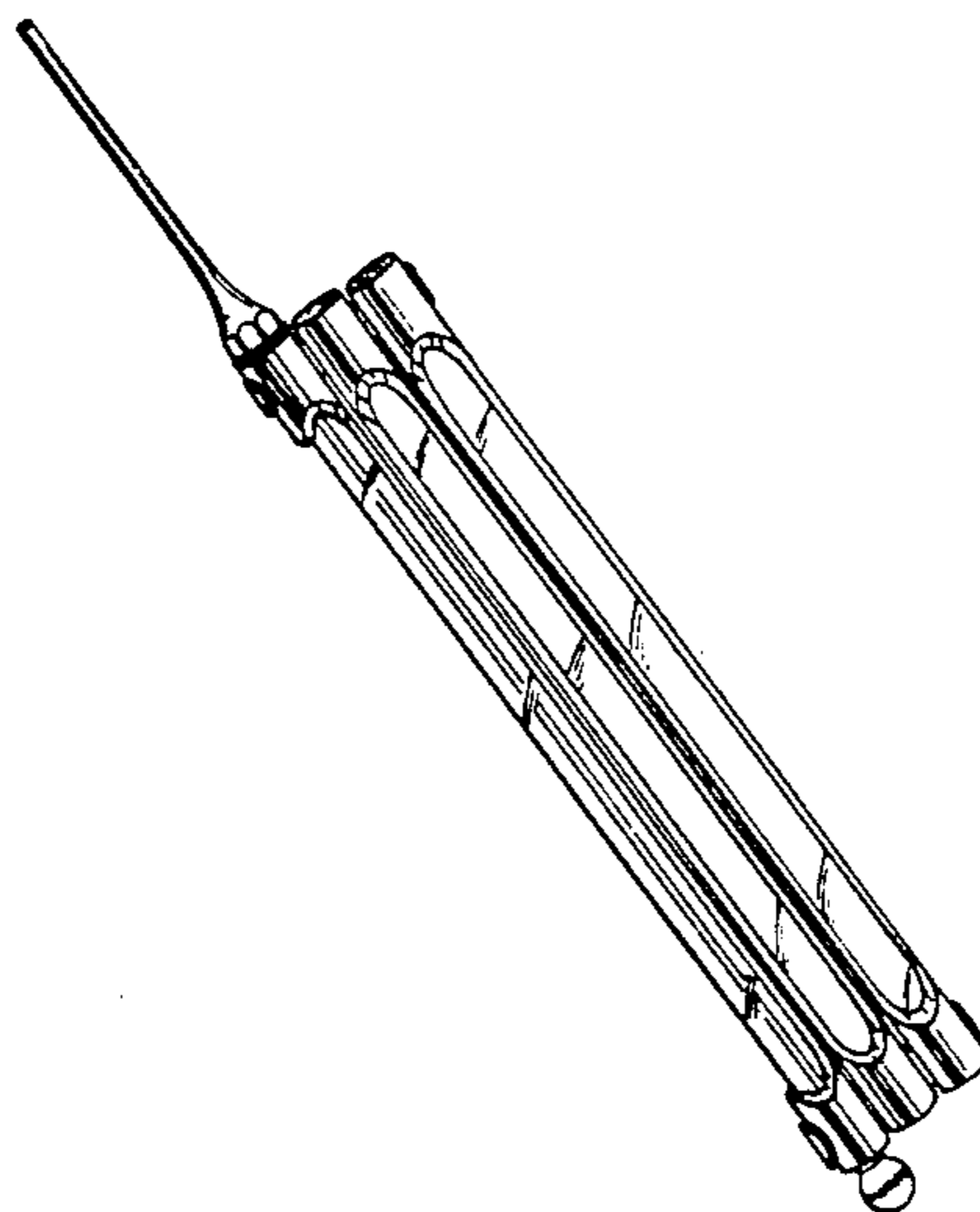
Primary Examiner—Nelson C. Holtje  
 Assistant Examiner—Antoine D. Davis  
 Attorney, Agent, or Firm—Jay K. Malkin

[57] CLAIM

The ornamental design for a triple tube viscosity testing instrument, as shown and described.

DESCRIPTION

FIG. 1 is a top, front and left side perspective view of a triple tube viscosity testing instrument showing our new design;  
 FIG. 2 is a front elevational view;  
 FIG. 3 is a rear elevational view;  
 FIG. 4 is a left side elevational view;  
 FIG. 5 is a right side elevational view;  
 FIG. 6 is a top plan view; and,  
 FIG. 7 is a bottom plan view thereof.  
 FIG. 1 has been drawn on a reduced scale with respect to FIGS. 2-7.



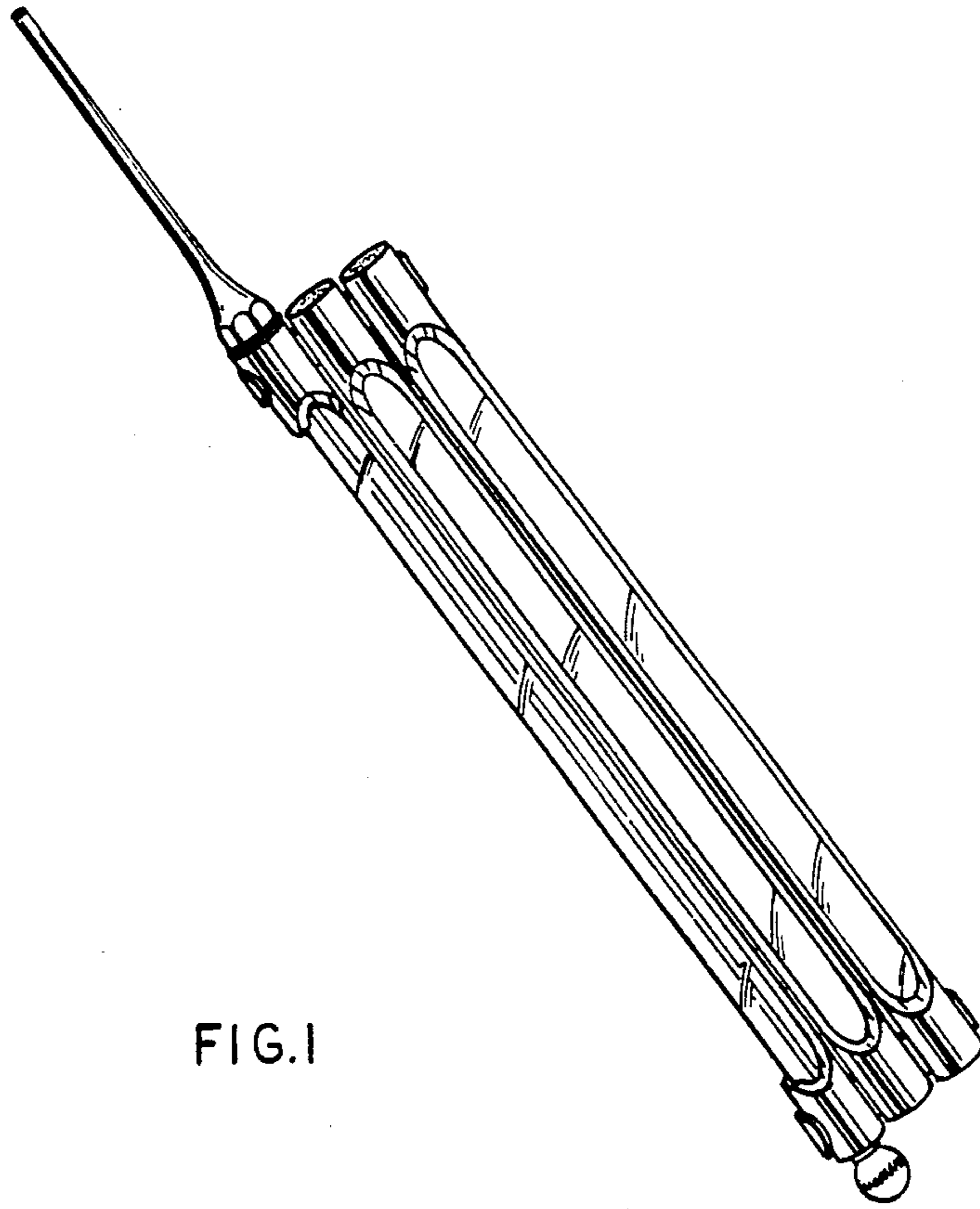


FIG. 1

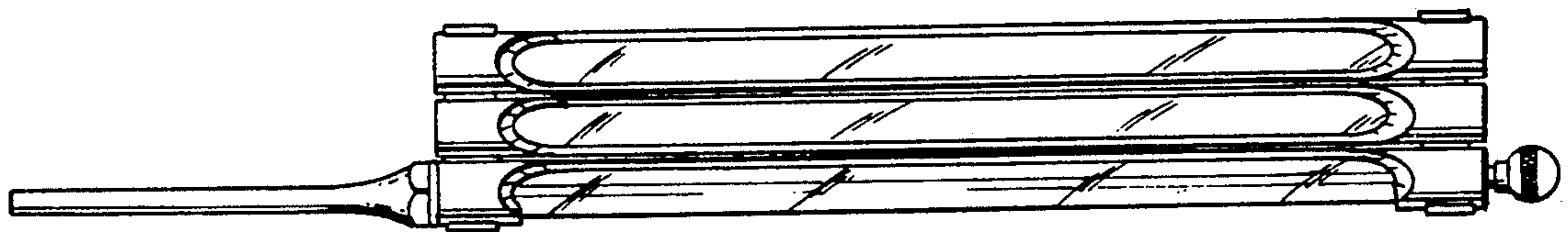


FIG 2

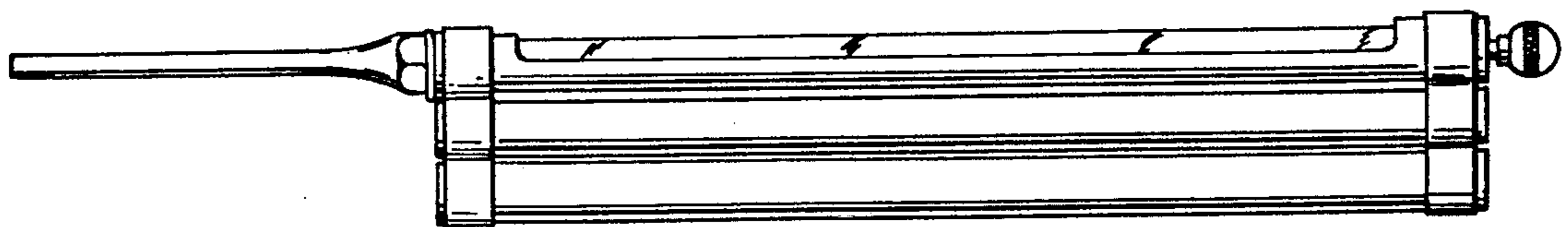


FIG. 3

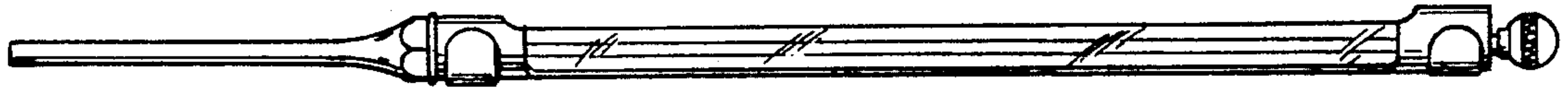


FIG. 4

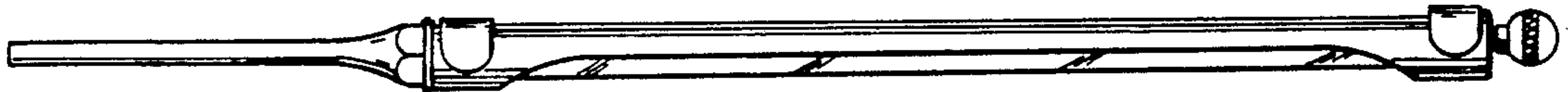


FIG. 5



FIG. 6



FIG. 7