United States Patent [19]

Hengesbach

[11] **Patent Number: Des. 318,316**

[45] **Date of Patent: ** Jul. 16, 1991**

[54] **COMBINED HANDLE OPERATED FLOW CONTROL VALVE WITH PRESSURE GAUGE**

[76] Inventor: **Robert W. Hengesbach,** 7886 Munson Rd., Mentor, Ohio 44060

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

[21] Appl. No.: **516,216**

[22] Filed: **Apr. 30, 1990**

Related U.S. Application Data

[60] Division of Ser. No. 224,250, Jul. 26, 1988, Pat. No. Des. 308,094, which is a continuation of Ser. No. 68,052, Feb. 17, 1987, abandoned, which is a continuation-in-part of Ser. No. 15,604, Feb. 17, 1987, abandoned, which is a continuation-in-part of Ser. No. 674,272, Nov. 23, 1984, Pat. No. Des. 293,127, which is a continuation-in-part of Ser. No. 461,874, Jan. 28, 1983, Pat. No. Des. 282,392.

[52] **U.S. Cl.** **D23/226**

[58] **Field of Search** D23/213, 223-227; 406/152; 141/19; 239/8, 134-135, 337, 525-526, 532; 251/231; 294/25-26

[56] **References Cited**

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Primary Examiner—Susan J. Lucas
Assistant Examiner—Brian N. Vinson
Attorney, Agent, or Firm—David A. Burge

[57] **CLAIM**

The ornamental design for a combined handle operated flow control valve with pressure gauge, as shown and described.

DESCRIPTION

FIG. **1** is a left side elevational view of a combined handle operated flow control valve with pressure gauge showing my new design;

FIG. **2** is a top plan view thereof;

FIG. **3** is a right side elevational view thereof;

FIG. **4** is a bottom plan view thereof;

FIG. **5** is a front end elevational view thereof;

FIG. **6** is a rear end elevational view thereof;

FIG. **7** is a front end elevational view of the tip portion thereof;

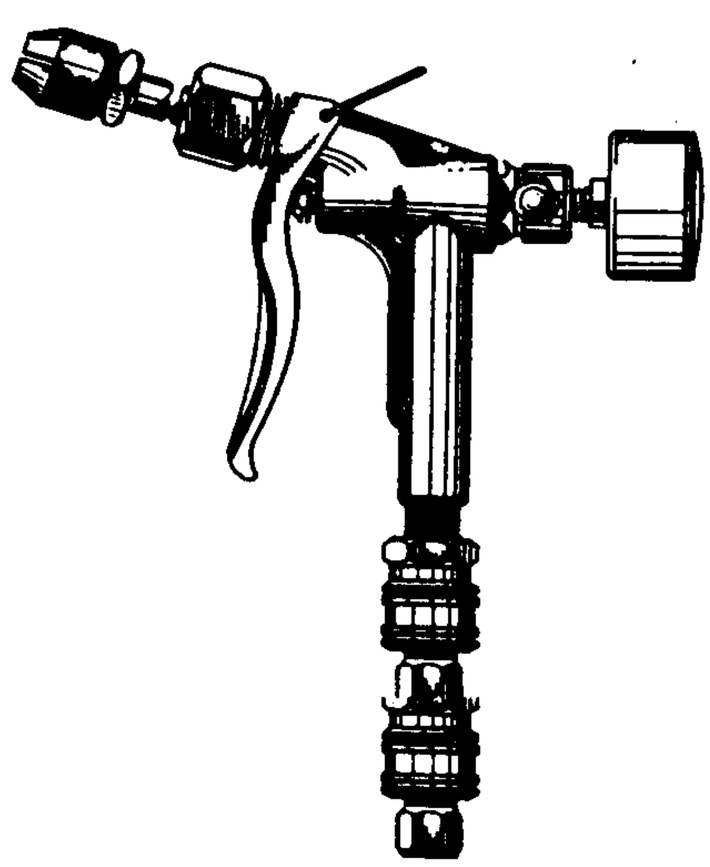

FIG. 8 is a left side elevational view of a second embodiment thereof, the only difference from that of the first embodiment residing in the configuration of the tip portion;
FIG. 9 is a front end elevational view of the tip portion of the embodiment of FIG. 8;
FIG. 10 is a left side elevational view of a third embodiment thereof, the only difference from that of the first embodiment residing in the configuration of the tip portion;
FIG. 11 is a front end elevational view of the tip portion of the embodiment of FIG. 10;
FIG. 12 is a left side elevational view of a fourth embodiment thereof, the only difference from that of the first embodiment residing in the configuration of the tip portion;
FIG. 13 is a front end elevational view of the tip portion of the embodiment of FIG. 12;
FIG. 14 is a vertical cross-sectional view of the embodiment of FIG. 12, taken along line 14—14;
FIG. 15 is a left side elevational view of a fifth embodiment thereof, the only difference from that of the fourth embodiment residing in the configuration of the tip portion;
FIG. 16 is a left side elevational view of a sixth embodiment thereof, the only difference from that of the fourth embodiment residing in the configuration of the tip portion;
FIG. 17 is a left side elevational view of a seventh embodiment thereof, the only difference from that of the fourth embodiment residing in the configuration of the tip portion;
FIG. 18 is a right side elevational view of an eighth embodiment thereof;
FIG. 19 is a top plan view of the embodiment of FIG. 18;
FIG. 20 is a bottom plan view of the embodiment of FIG. 18;
FIG. 21 is a front end elevational view of the embodiment of FIG. 18;
FIG. 22 is a rear end elevational view of the embodiment of FIG. 18;
FIG. 23 is a right side elevational view of ninth embodiment thereof, the only difference from that of the eighth embodiment residing in the configuration of the tip portion;
FIG. 24 is a right side elevational view of a tenth embodiment thereof, the only difference from that of the eighth embodiment residing in the configuration of the tip portion;
FIG. 25 is a right side elevational view of an eleventh embodiment thereof, the only difference from that of the eight embodiment residing in the configuration of the tip portion;
FIG. 26 is a right side elevational view of a twelfth embodiment thereof, the only difference from that of the eighth embodiment residing in the configuration of the tip portion;
FIG. 27 is a right side elevational view of a thirteenth embodiment thereof, the only difference from that of the twelfth embodiment residing in the configuration of the tip portion;
FIG. 28 is a right side elevational view of a fourteenth embodiment thereof, the only difference from that of the twelfth embodiment residing in the configuration of the tip portion;
FIG. 29 is a right side elevational view of a fifteenth embodiment thereof, the only difference residing in the configuration of the tip portion;
FIG. 30 is a left side elevational view of a sixteenth embodiment thereof;
FIG. 31 is a top plan view of the embodiment of FIG. 30;
FIG. 32 is a right side elevational view of the embodiment of FIG. 30;
FIG. 33 is a bottom plan view of the embodiment of FIG. 30;
FIG. 34 is a front end elevational view of the embodiment of FIG. 30;
FIG. 35 is a rear end elevational view of the embodiment of FIG. 30;
FIG. 36 is a left side elevational view of a seventeenth embodiment thereof, the only difference from that of the sixteenth embodiment residing in the configuration of the tip portion;
FIG. 37 is left side elevational view of an eighteen embodiment thereof, the only difference from that of the sixteenth embodiment residing in the configuration of the tip portion;
FIG. 38 is a left side elevational view of a nineteenth embodiment thereof, the only difference from that of

the sixteenth embodiment residing in the configuration of the tip portion;

FIG. **39** is a left side elevational view of a twentieth embodiment thereof, the only difference from that of the sixteenth embodiment residing in the configuration of the tip portion;

FIG. **40** is a left side elevational view of a twenty-first embodiment thereof, the only difference from that of the twentieth embodiment residing in the configuration of the tip portion;

FIG. **41** is a left side elevational view of a twenty-second embodiment thereof, the only difference from that of the twentieth embodiment residing in the configuration of the tip portion;

FIG. **42** is a left side elevational view of a twenty-third embodiment thereof, the only difference from that of the twentieth embodiment residing in the configuration of the tip portion;

FIG. **43** is a left side elevational view of a twenty-fourth embodiment thereof, the only difference from that of eighth embodiment residing in the configuration of the hose-end portion;

FIG. **44** is a left side elevational view of a twenty-fifth embodiment thereof, the only difference from that of the twenty-fourth embodiment residing in the configuration of the tip portion;

FIG. **45** is a left side elevational view of a twenty-sixth embodiment thereof, the only difference from that of the twenty-fourth embodiment residing in the configuration of the tip portion;

FIG. **46** is a left side elevational view of a twenty-seventh embodiment thereof, the only difference from that of the twenty-fourth embodiment residing in the configuration of the tip portion;

FIG. **47** is a left side elevational view of a twenty-eighth embodiment thereof, the only difference from that of the twenty-fourth embodiment residing in the configuration of the tip portion;

FIG. **48** is a left side elevational view of a twenty-ninth embodiment thereof, the only difference from that of the twenty-eighth embodiment residing in the configuration of the tip portion;

FIG. **49** is a left side elevational view of a thirtieth embodiment thereof, the only difference from that of the twenty-eighth embodiment residing in the configuration of the tip portion; and

FIG. **50** is a left side elevational view of a thirty-first embodiment thereof, the only difference from that of the twenty-eighth embodiment residing in the configuration of the tip portion.

The shaft portion is shown broken-away in the views to indicate indeterminate length.

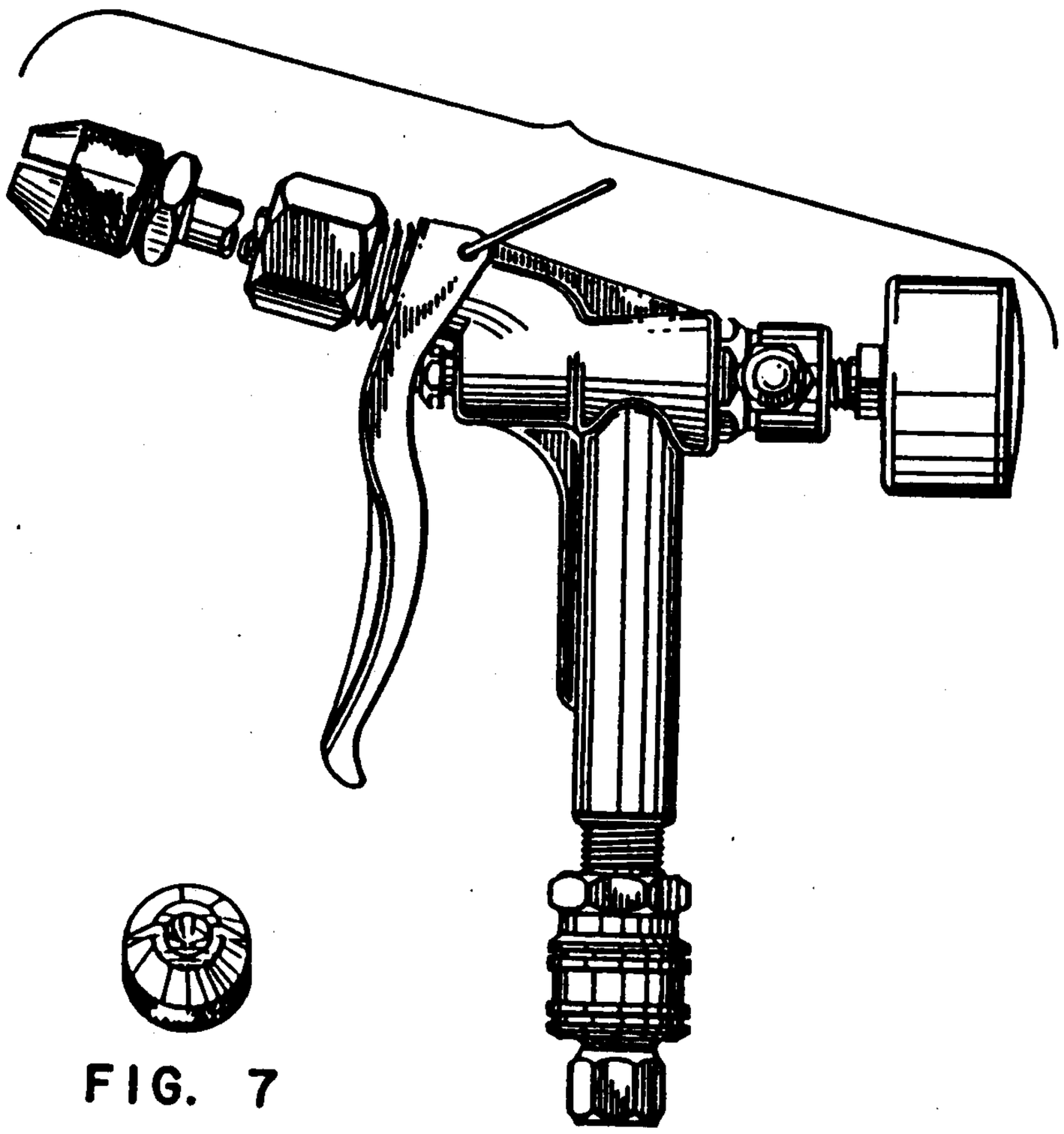

FIG. 1

FIG. 7

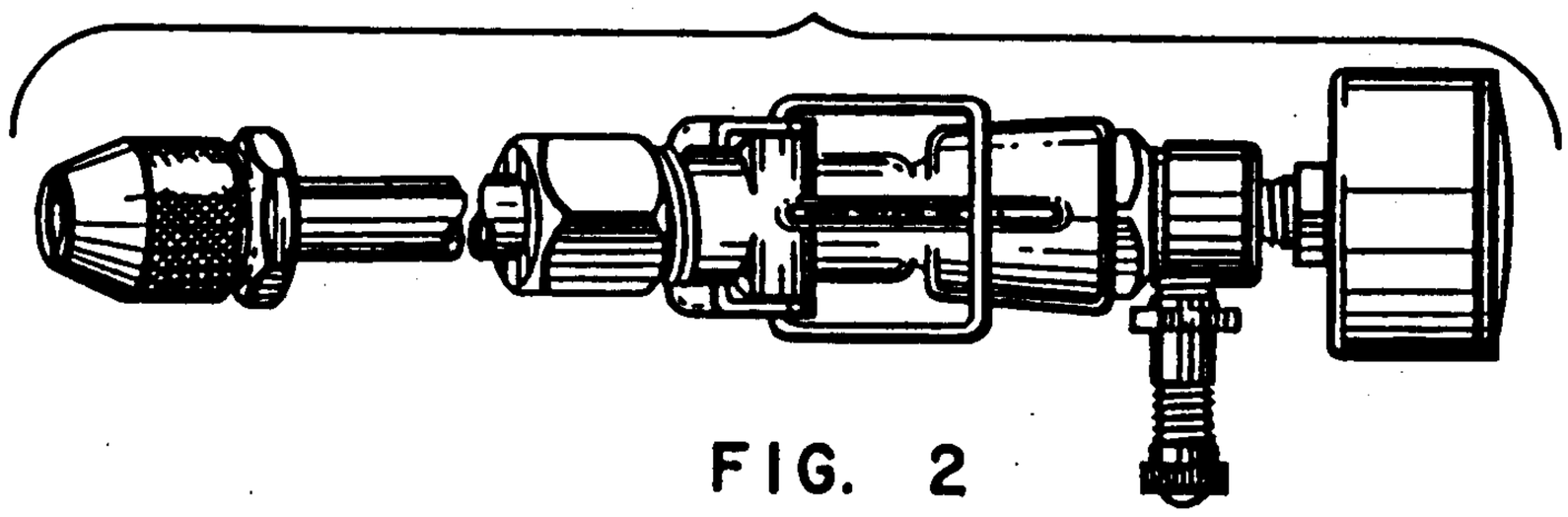

FIG. 2

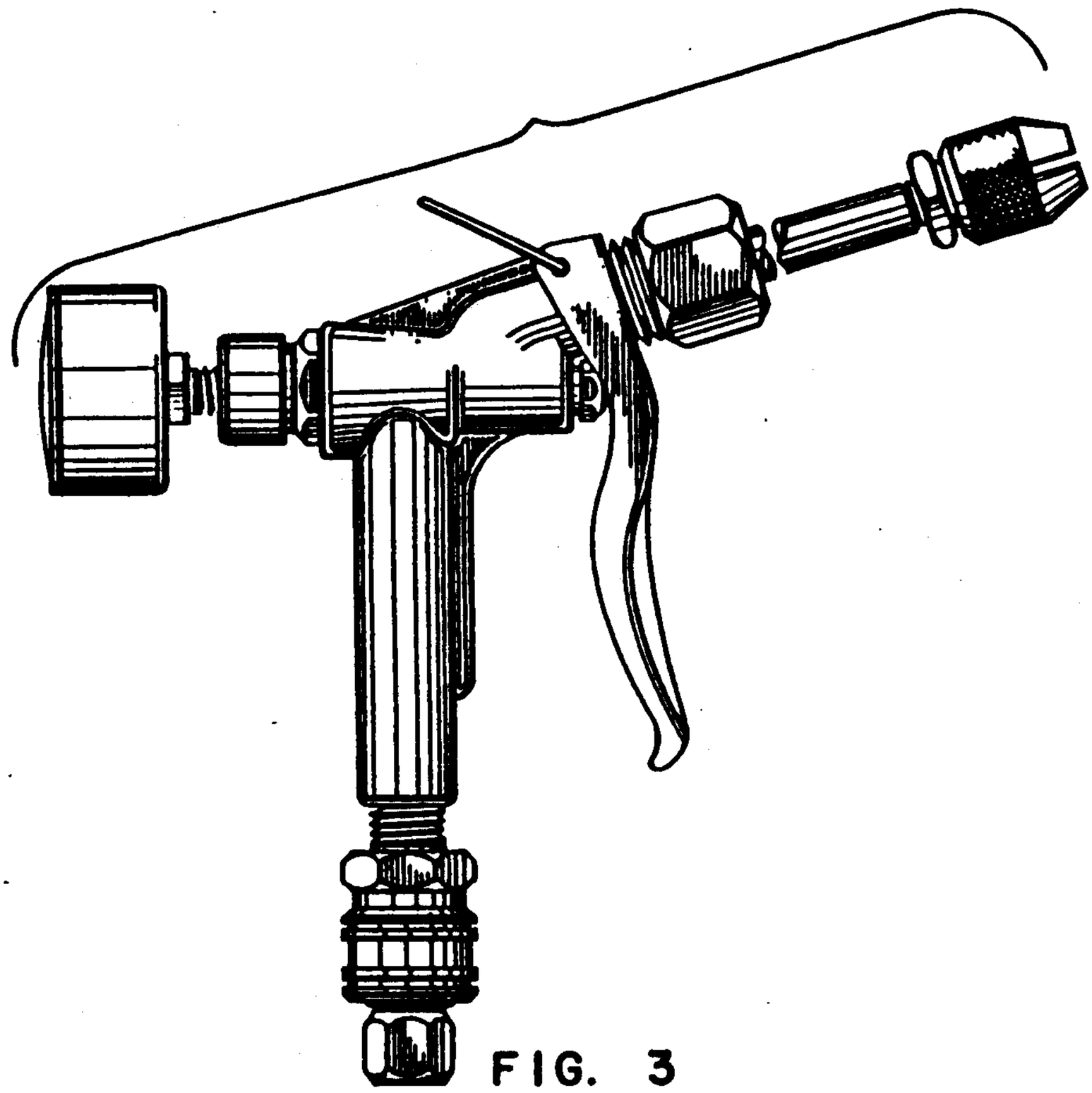

FIG. 3

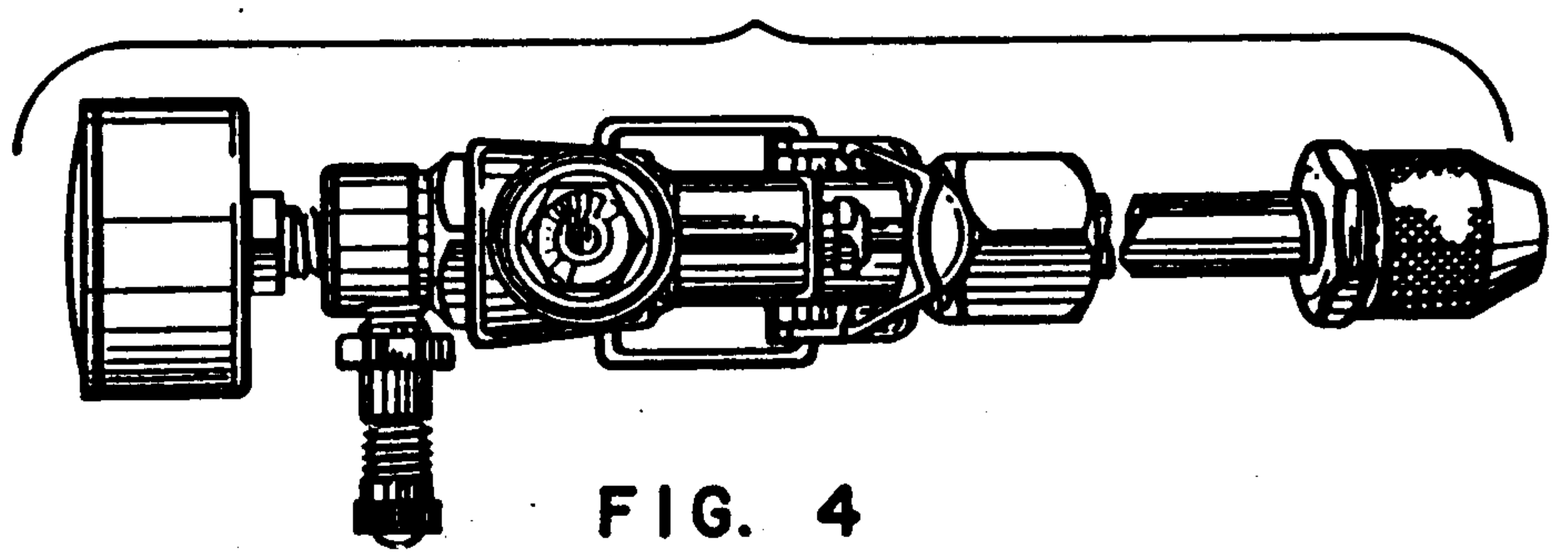

FIG. 4

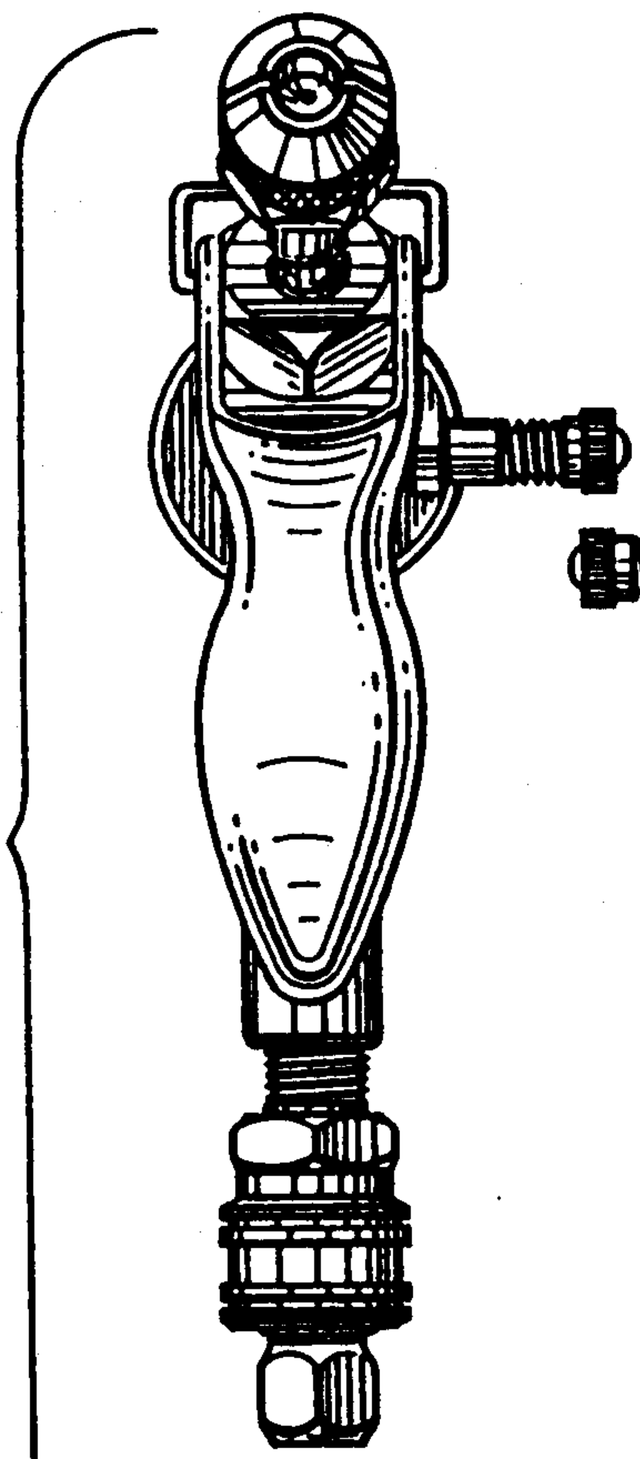

FIG. 5

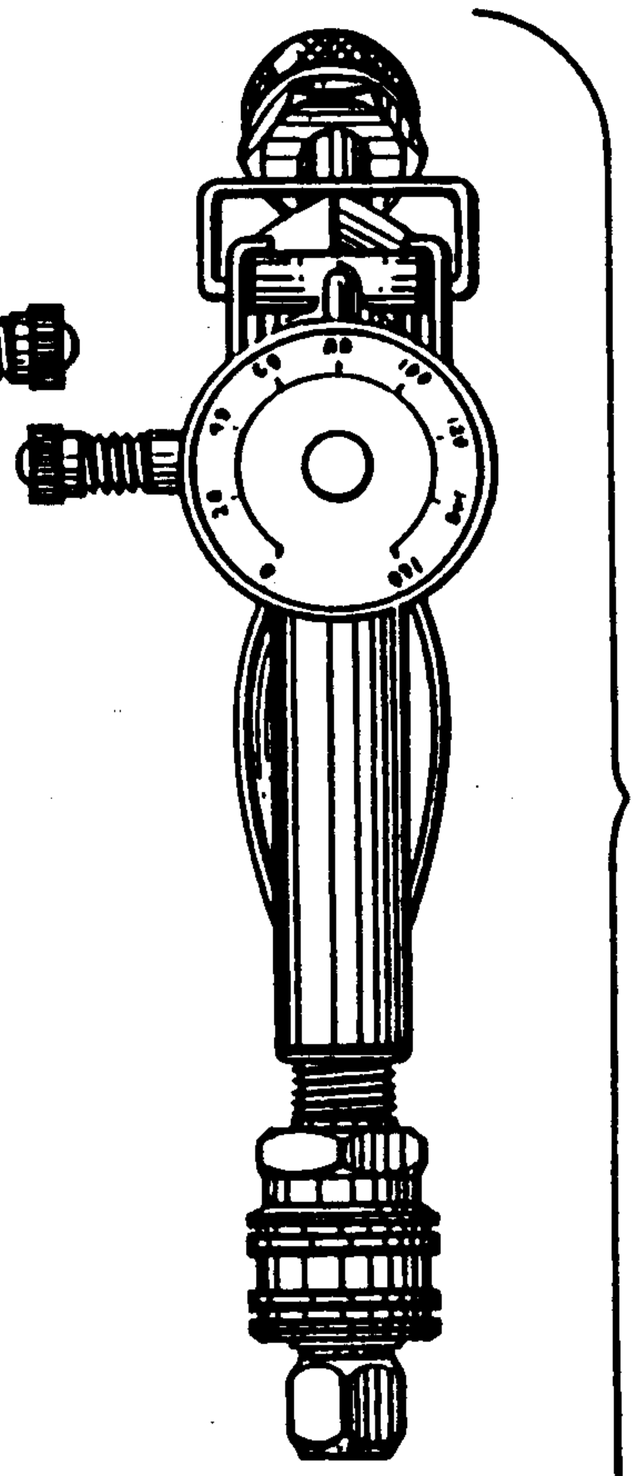

FIG. 6

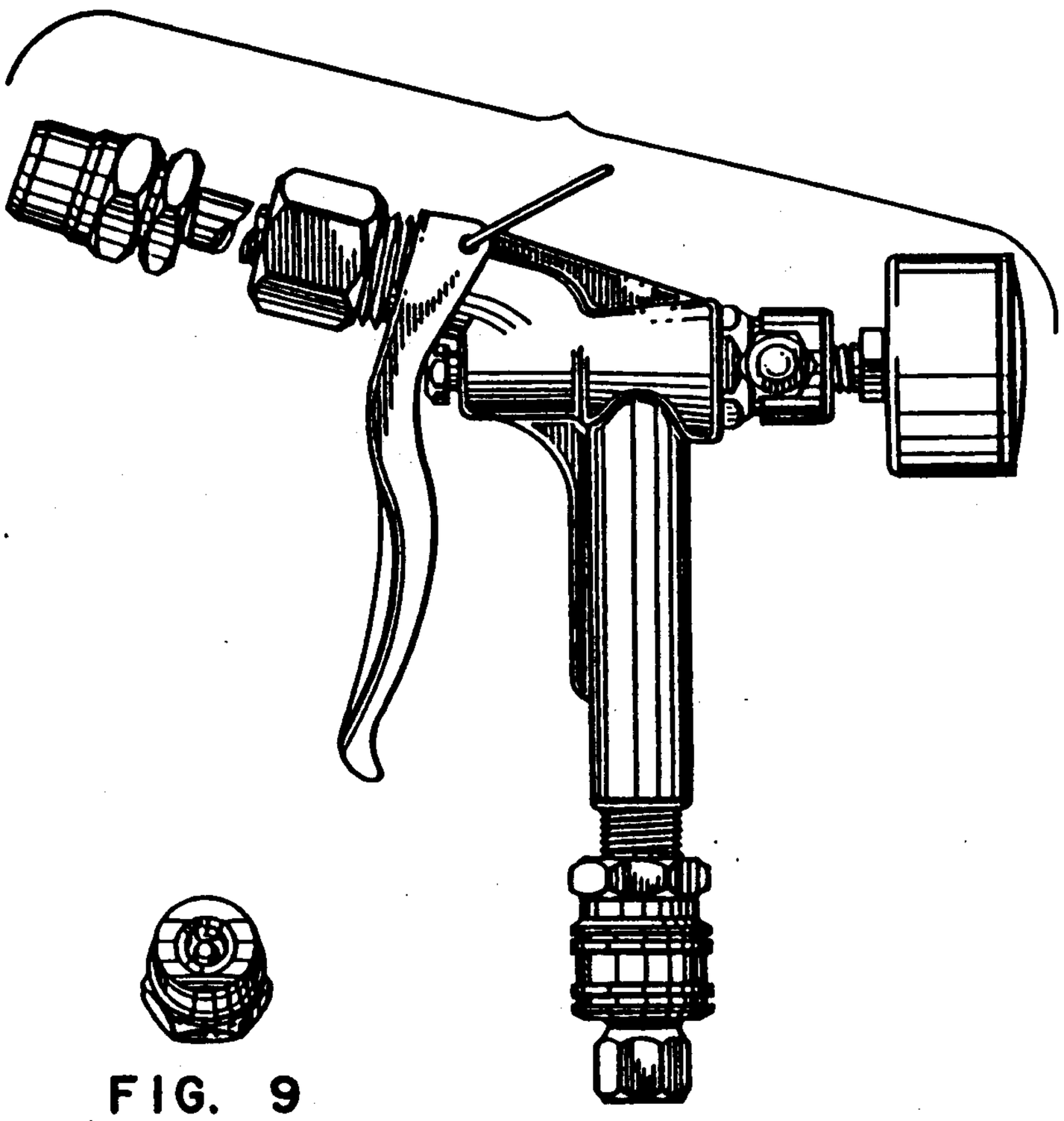

FIG. 8

FIG. 9

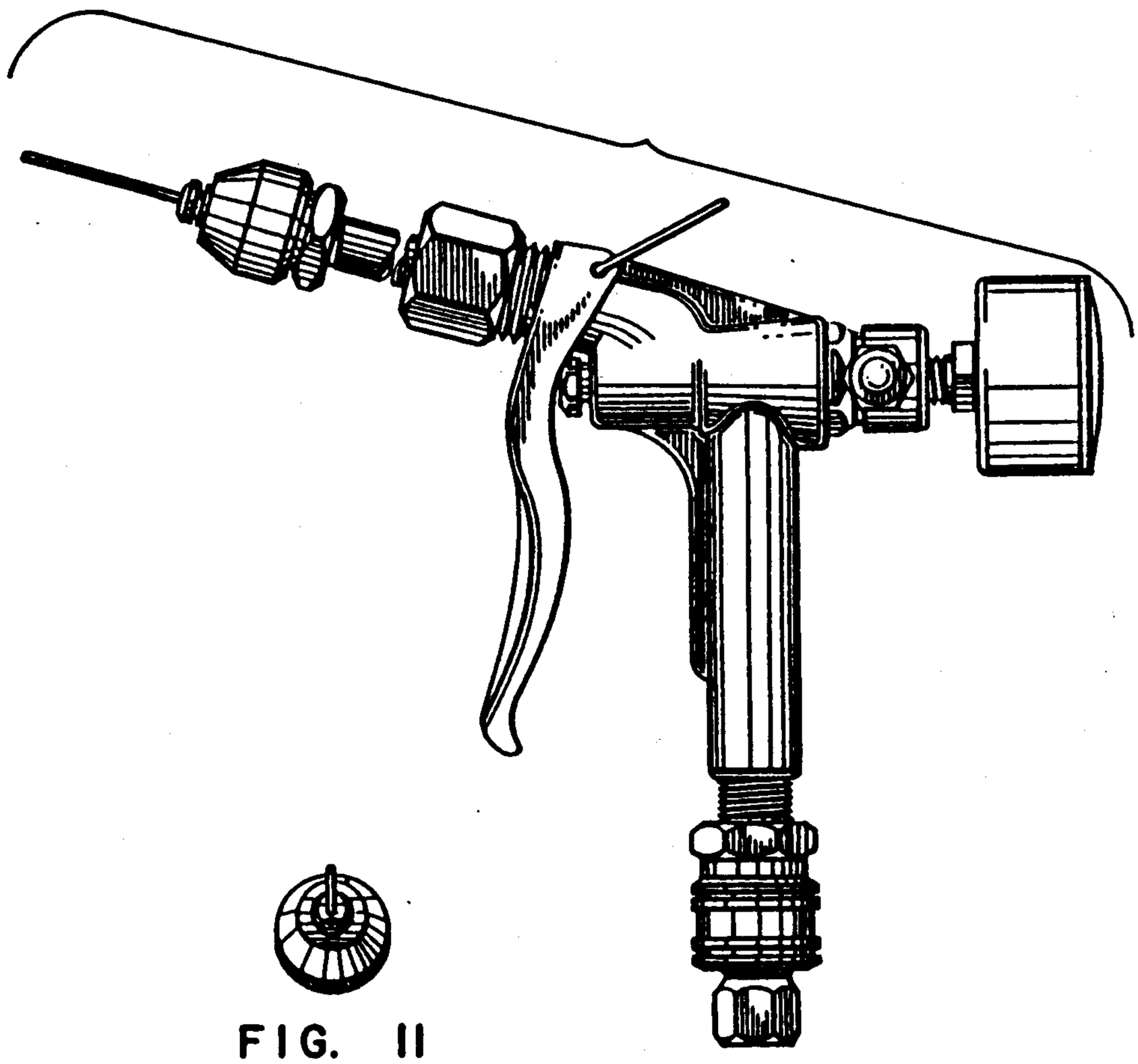

FIG. 10

FIG. 11

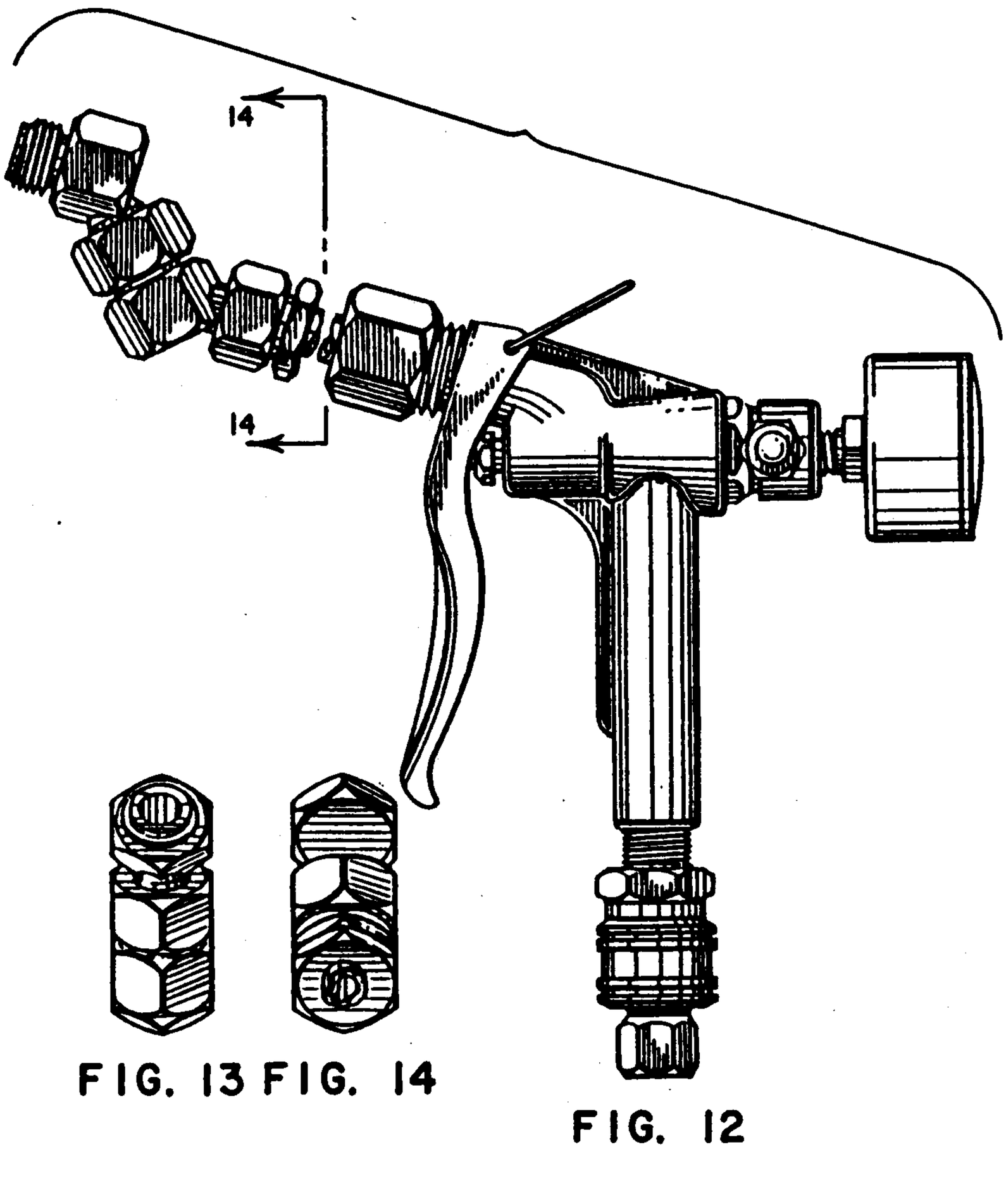

FIG. 12

FIG. 13

FIG. 14

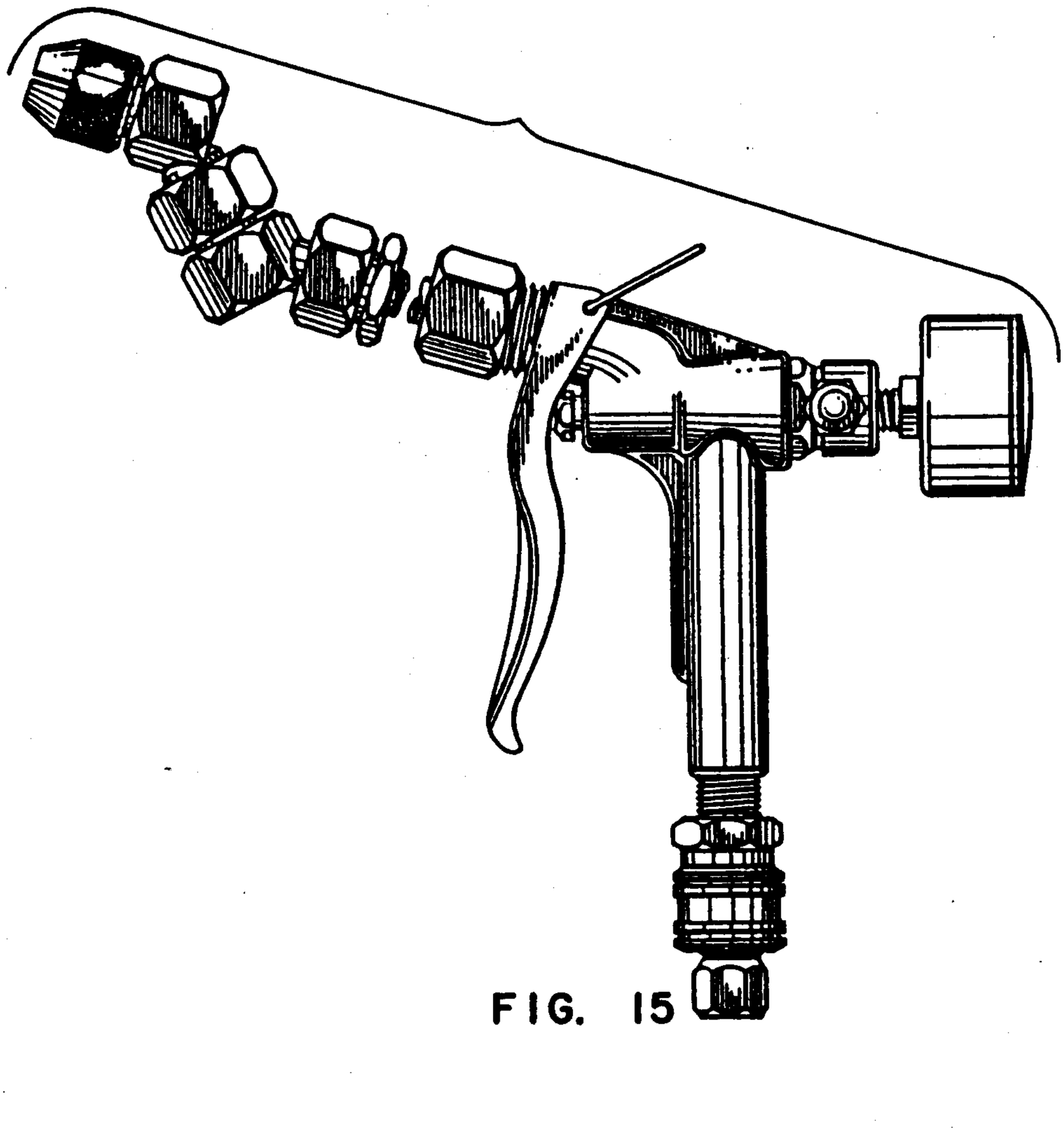

FIG. 15

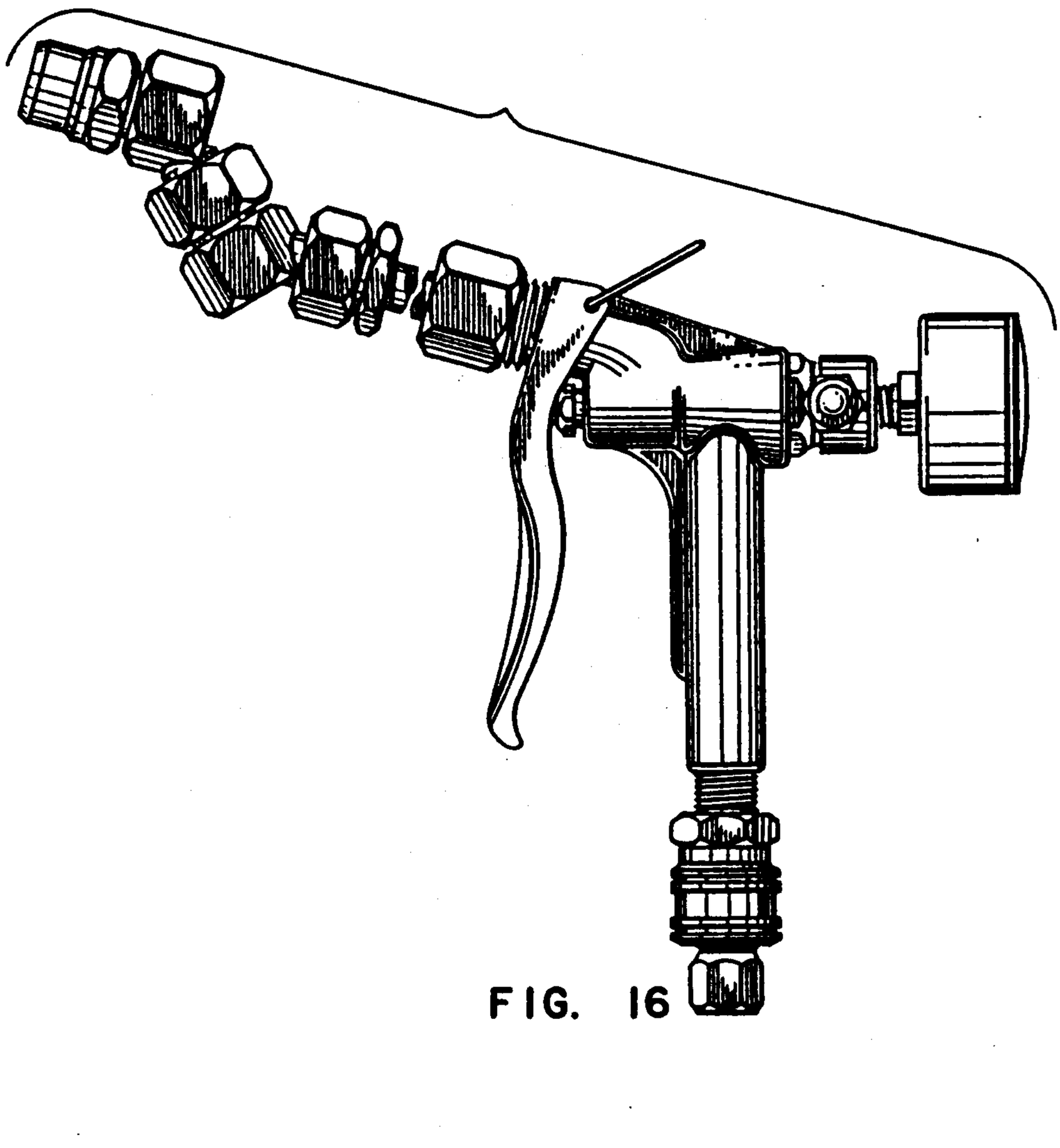

FIG. 16

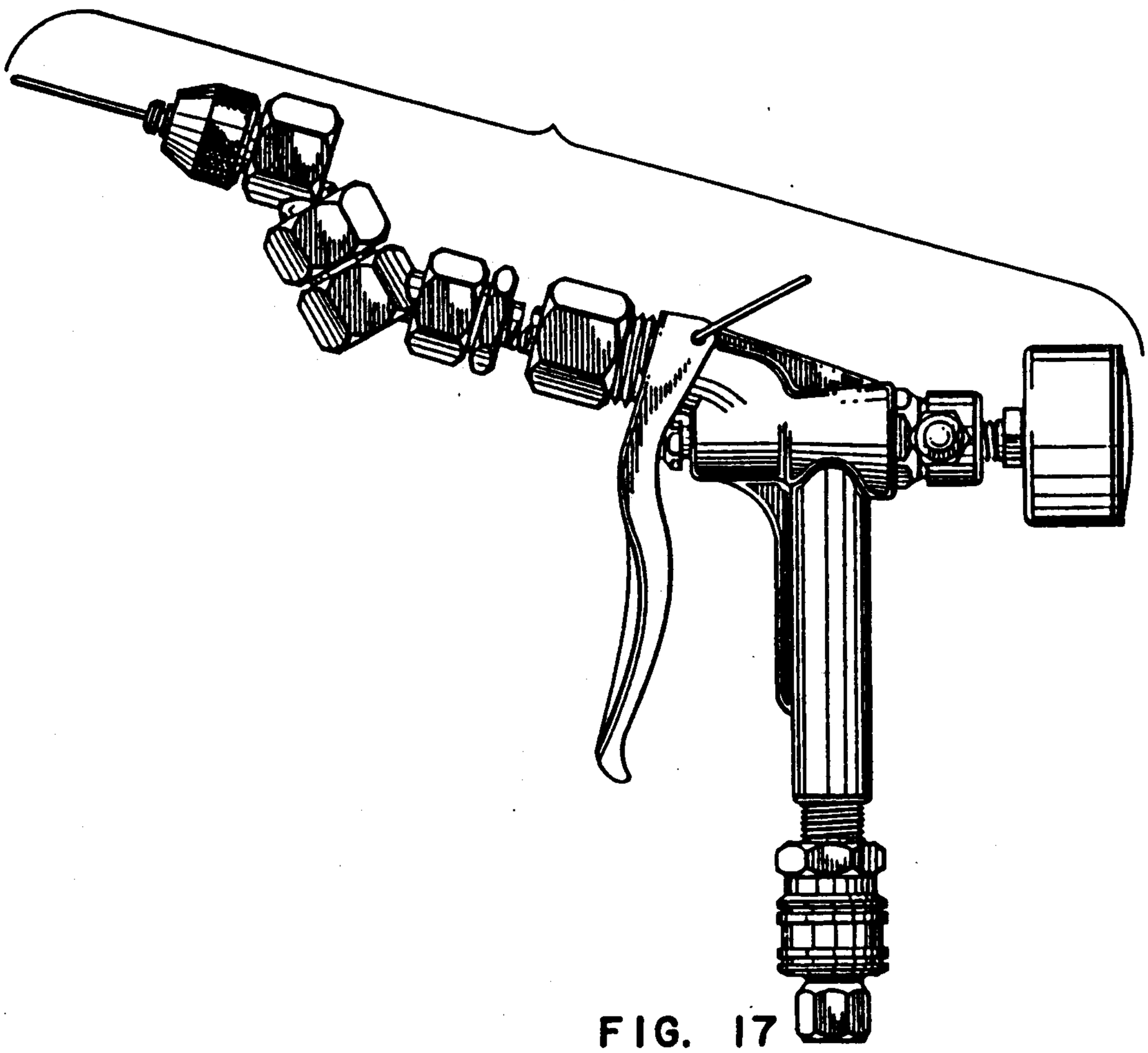

FIG. 17

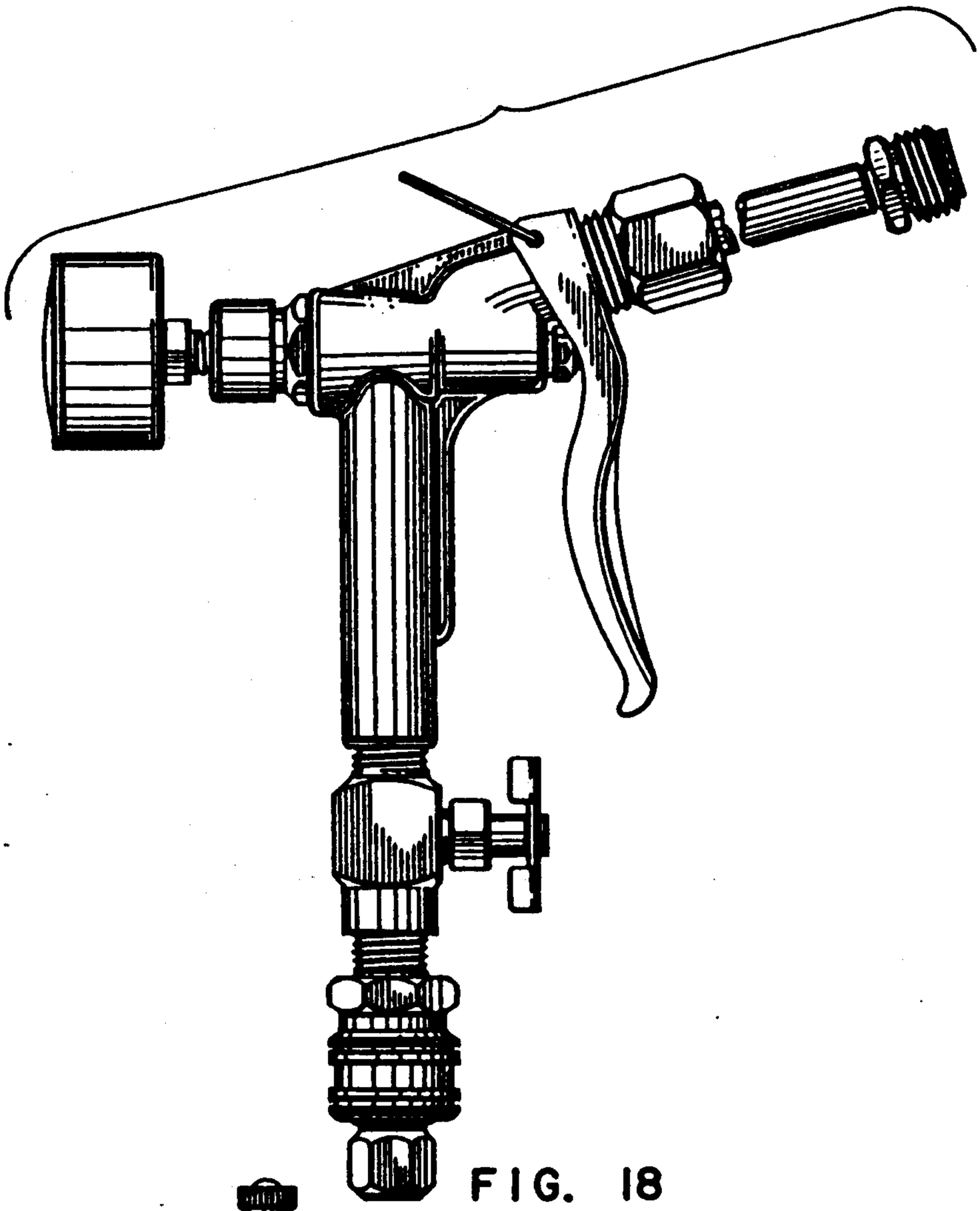

FIG. 18

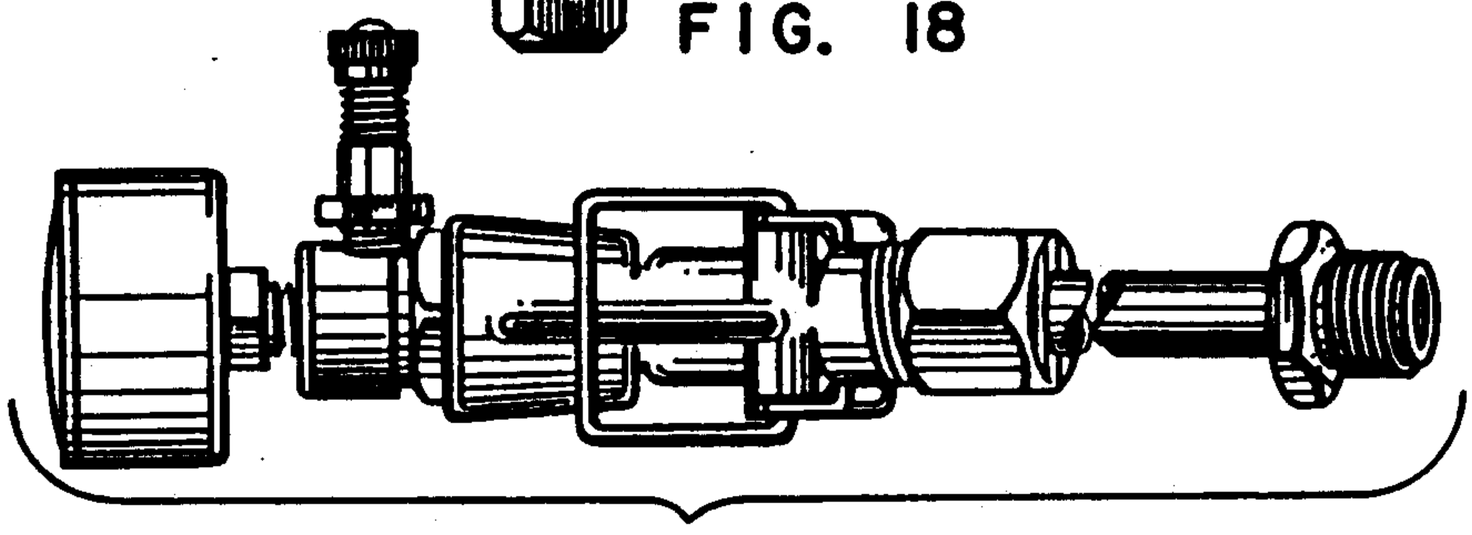

FIG. 19

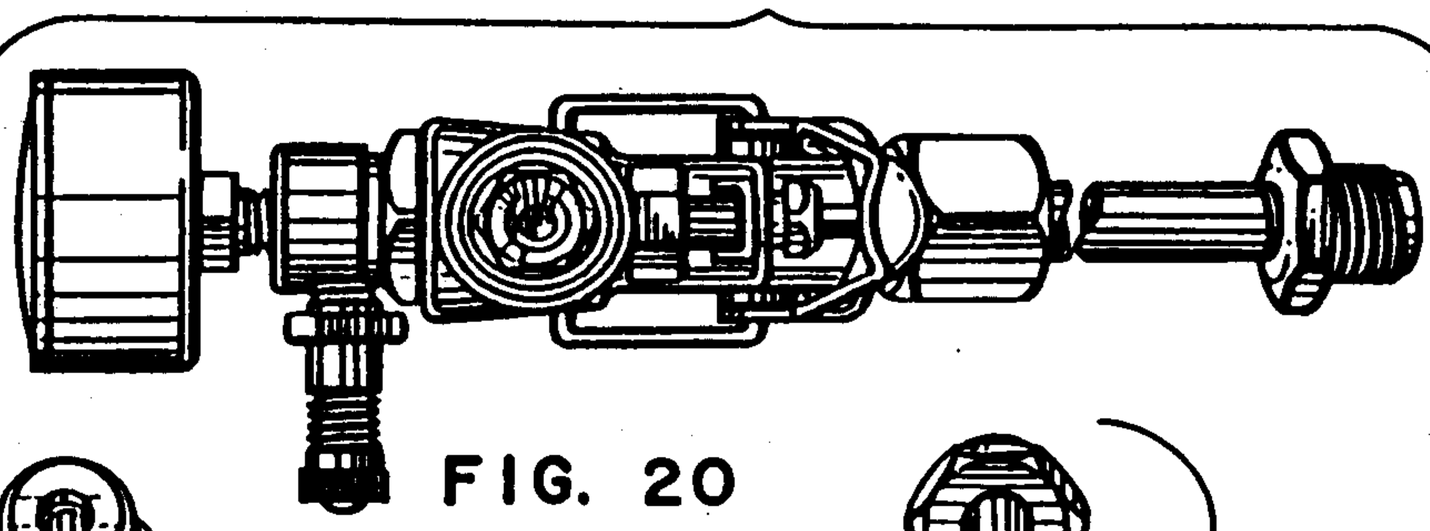

FIG. 20

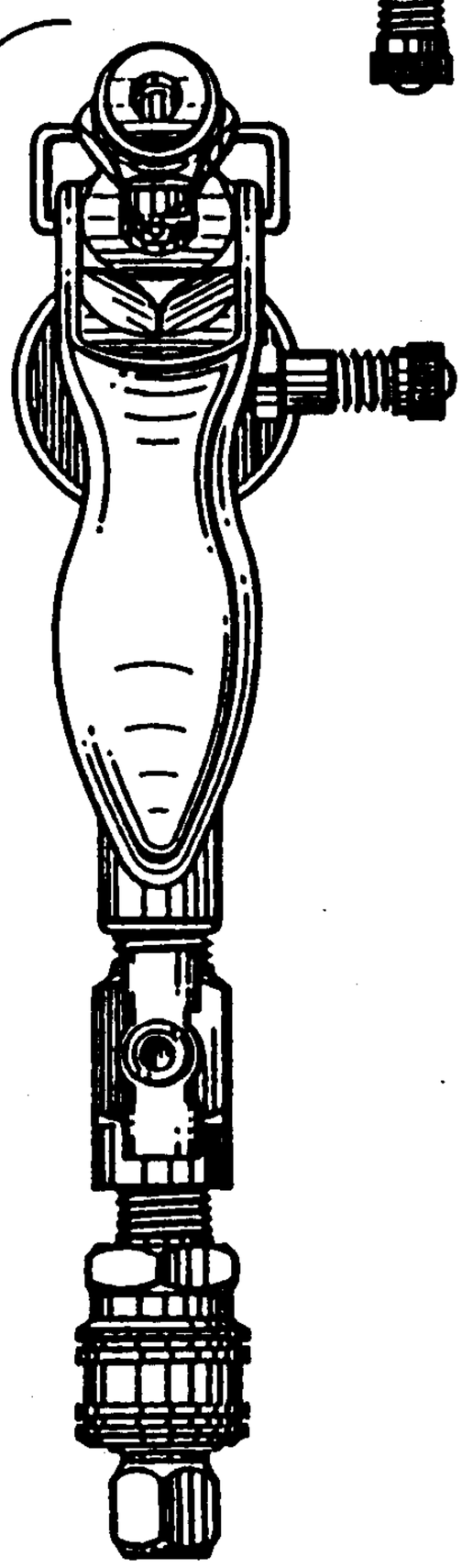

FIG. 21

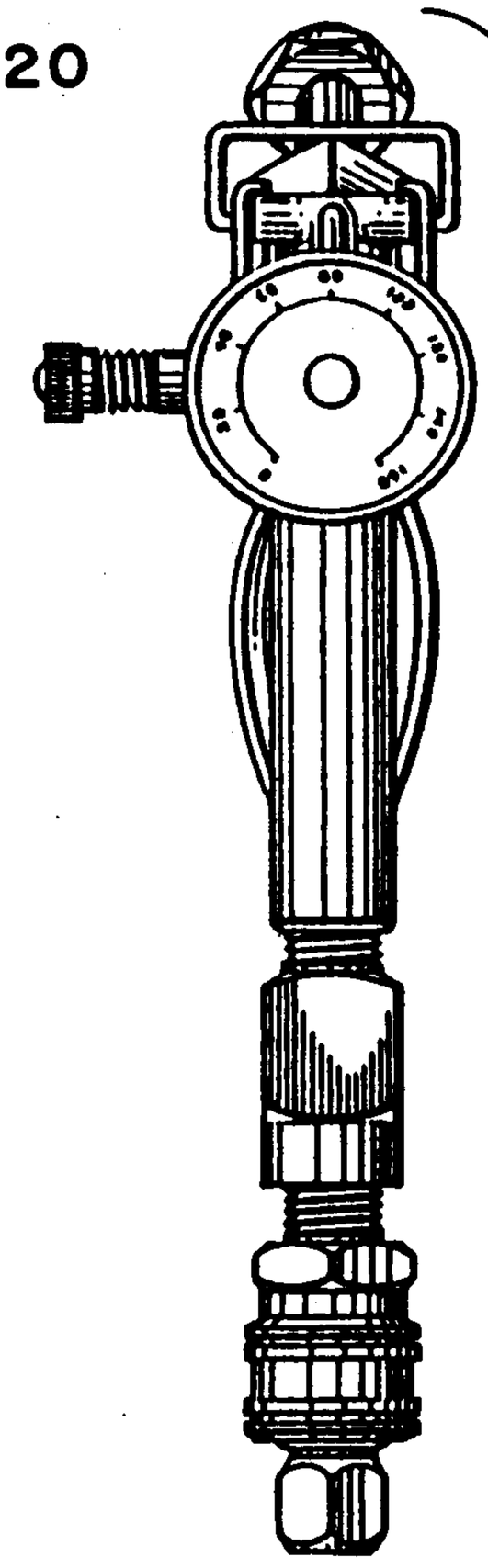

FIG. 22

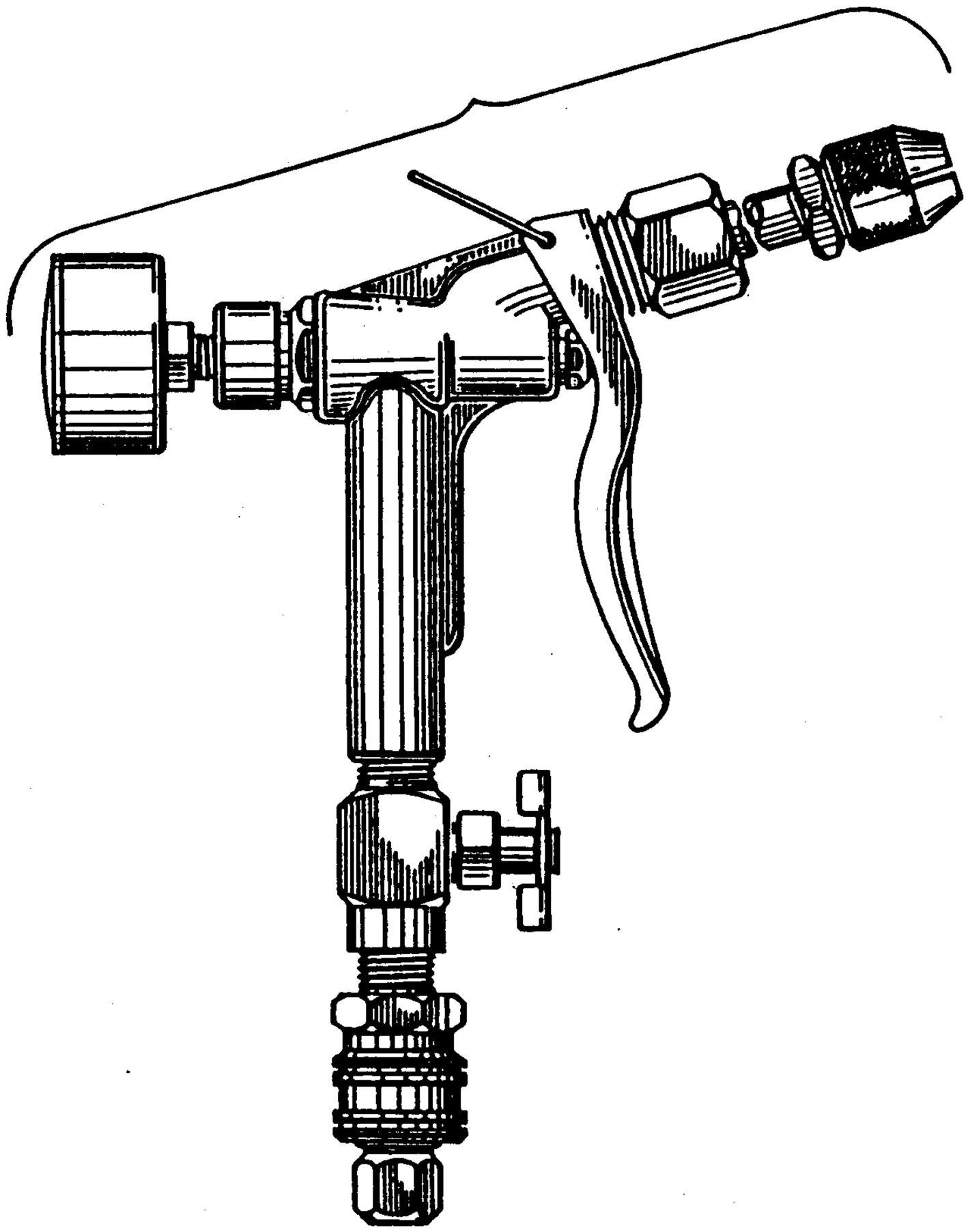

FIG. 23

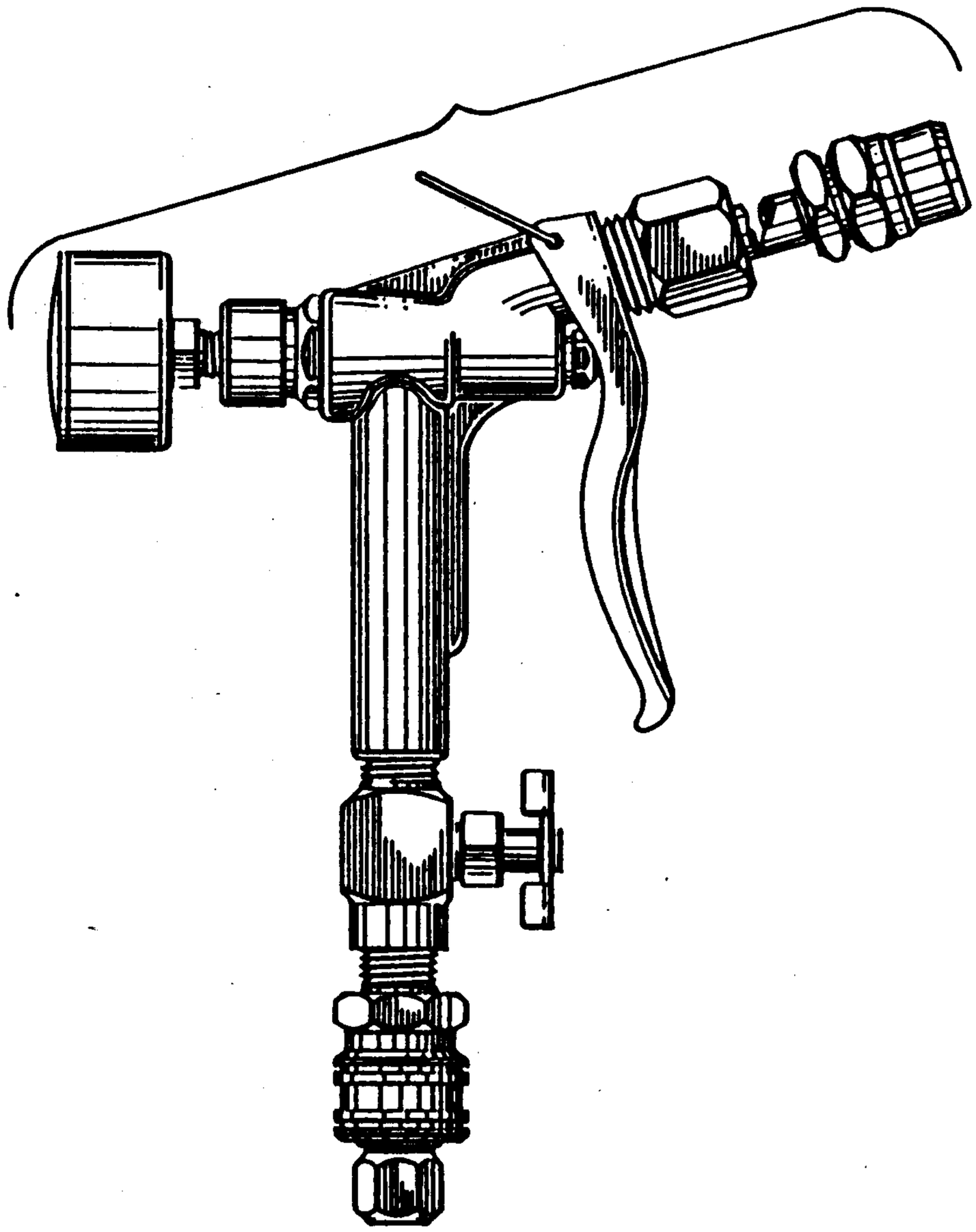

FIG. 24

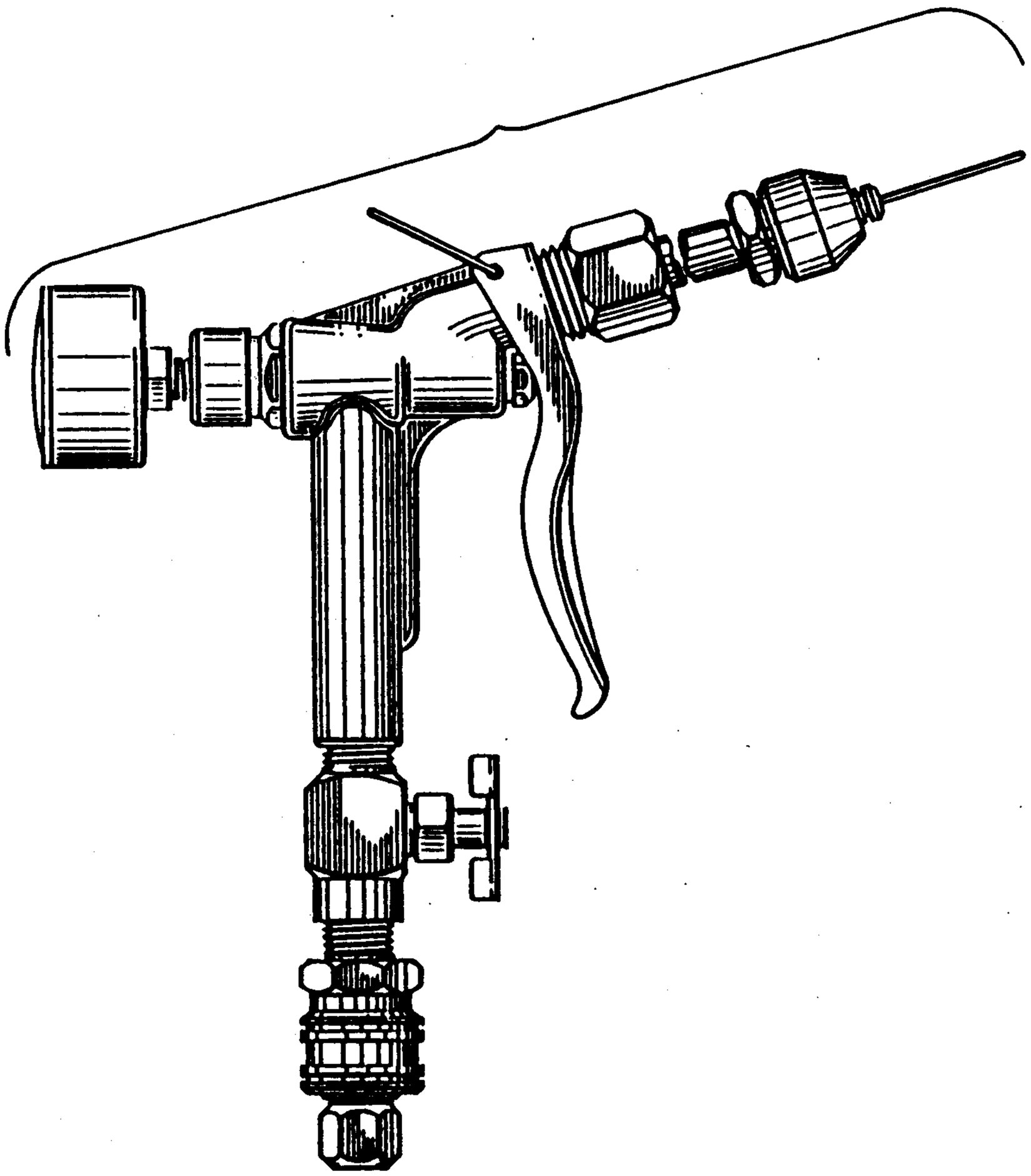

FIG. 25

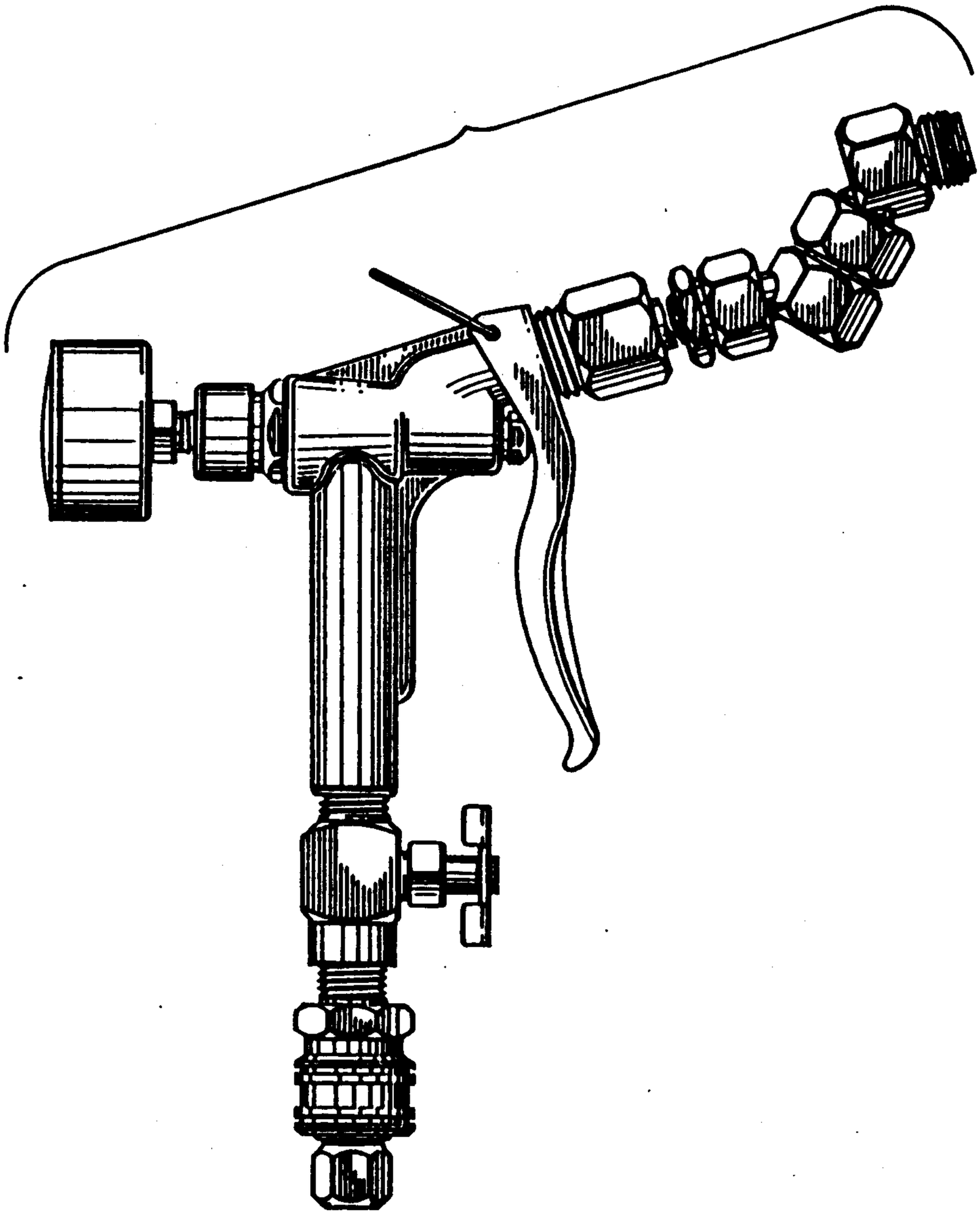

FIG. 26

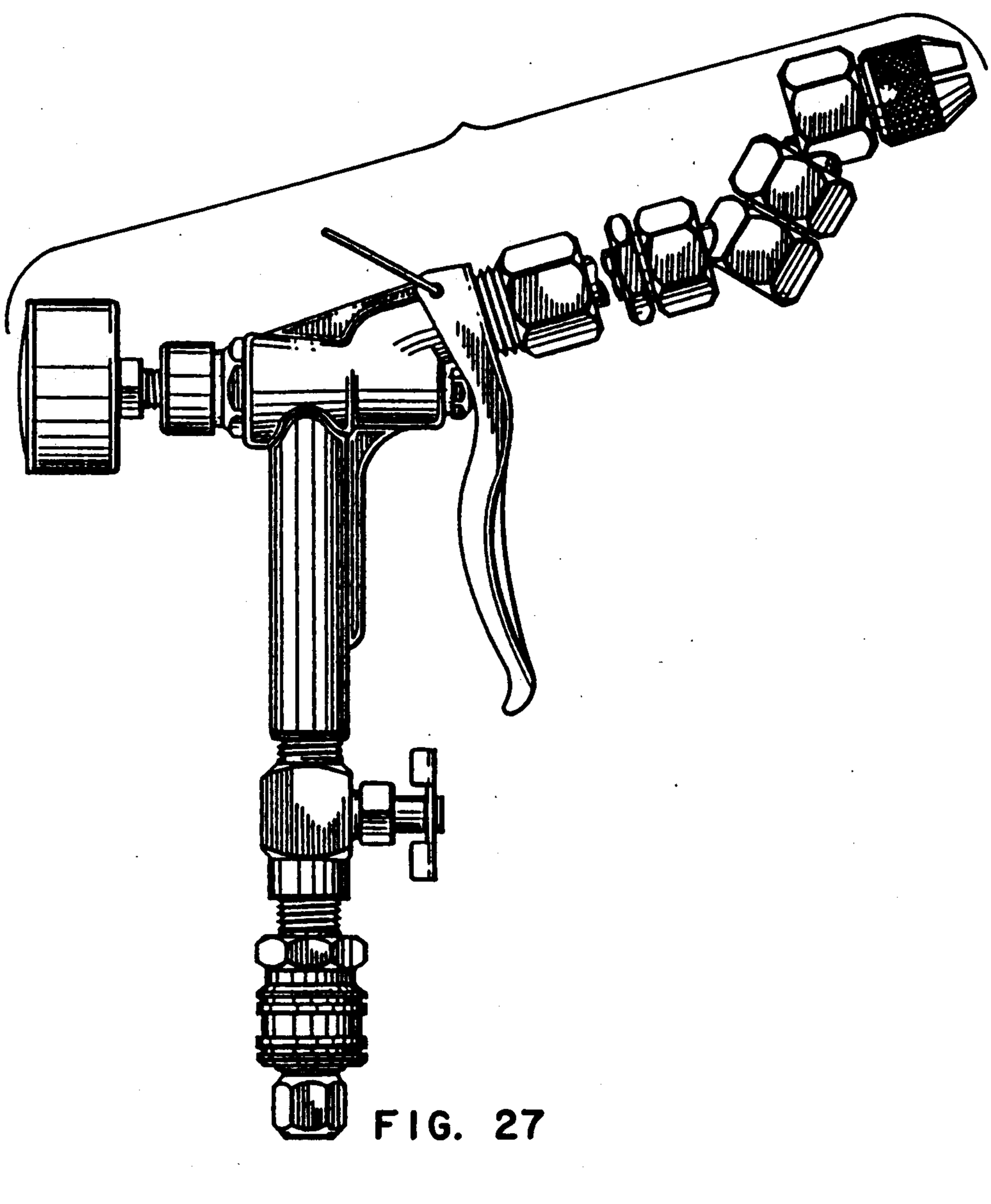

FIG. 27

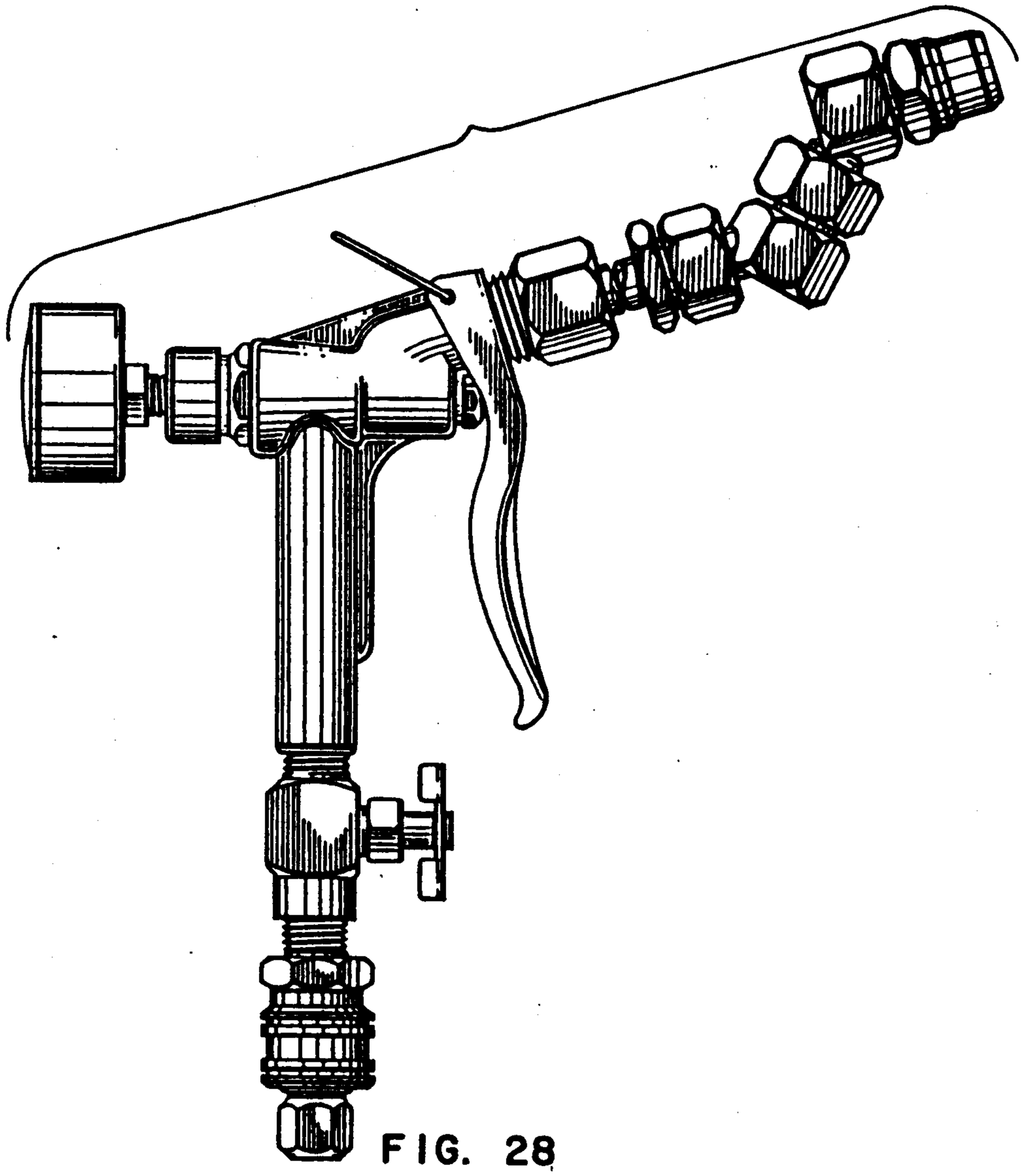

FIG. 28

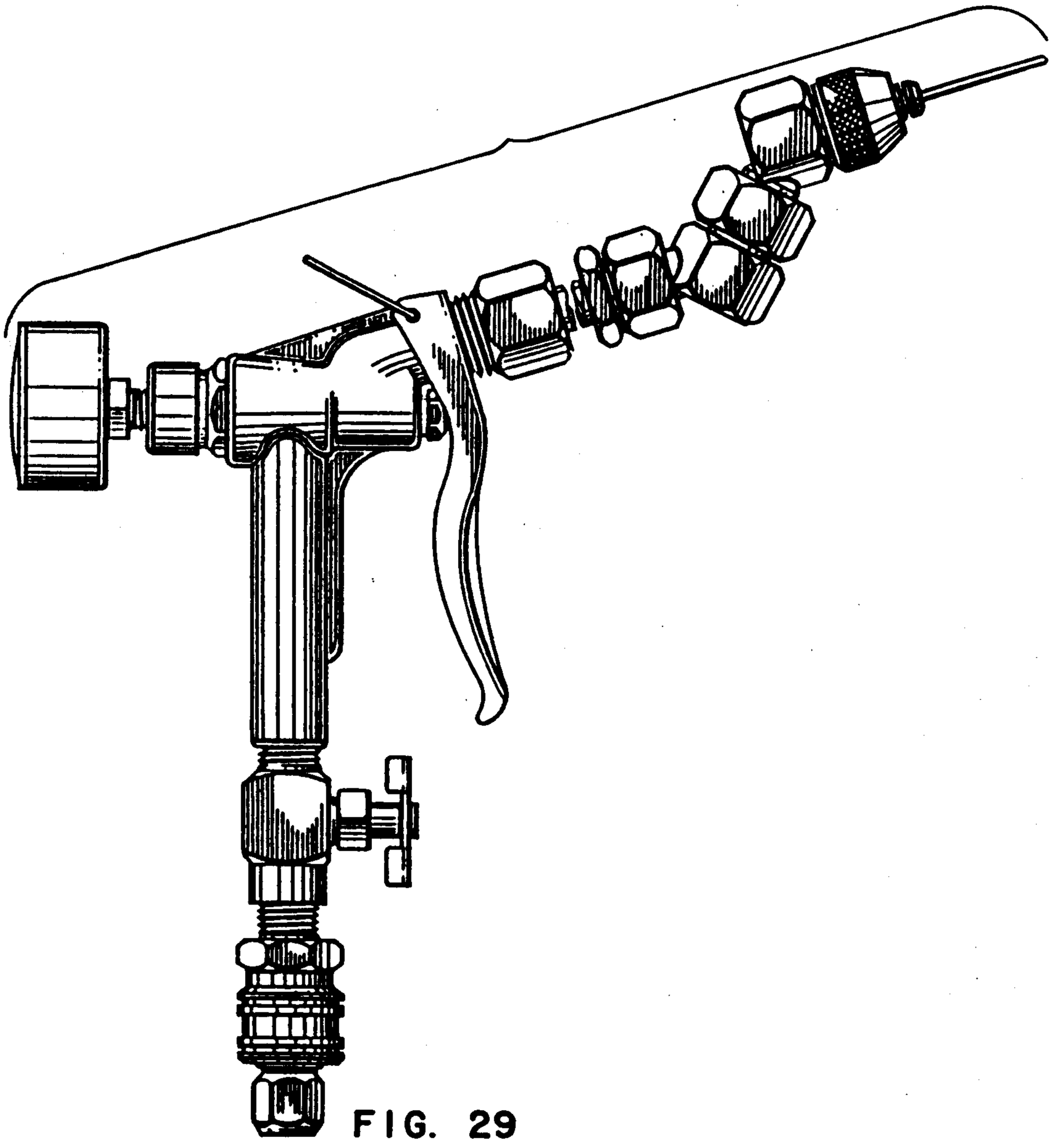

FIG. 29

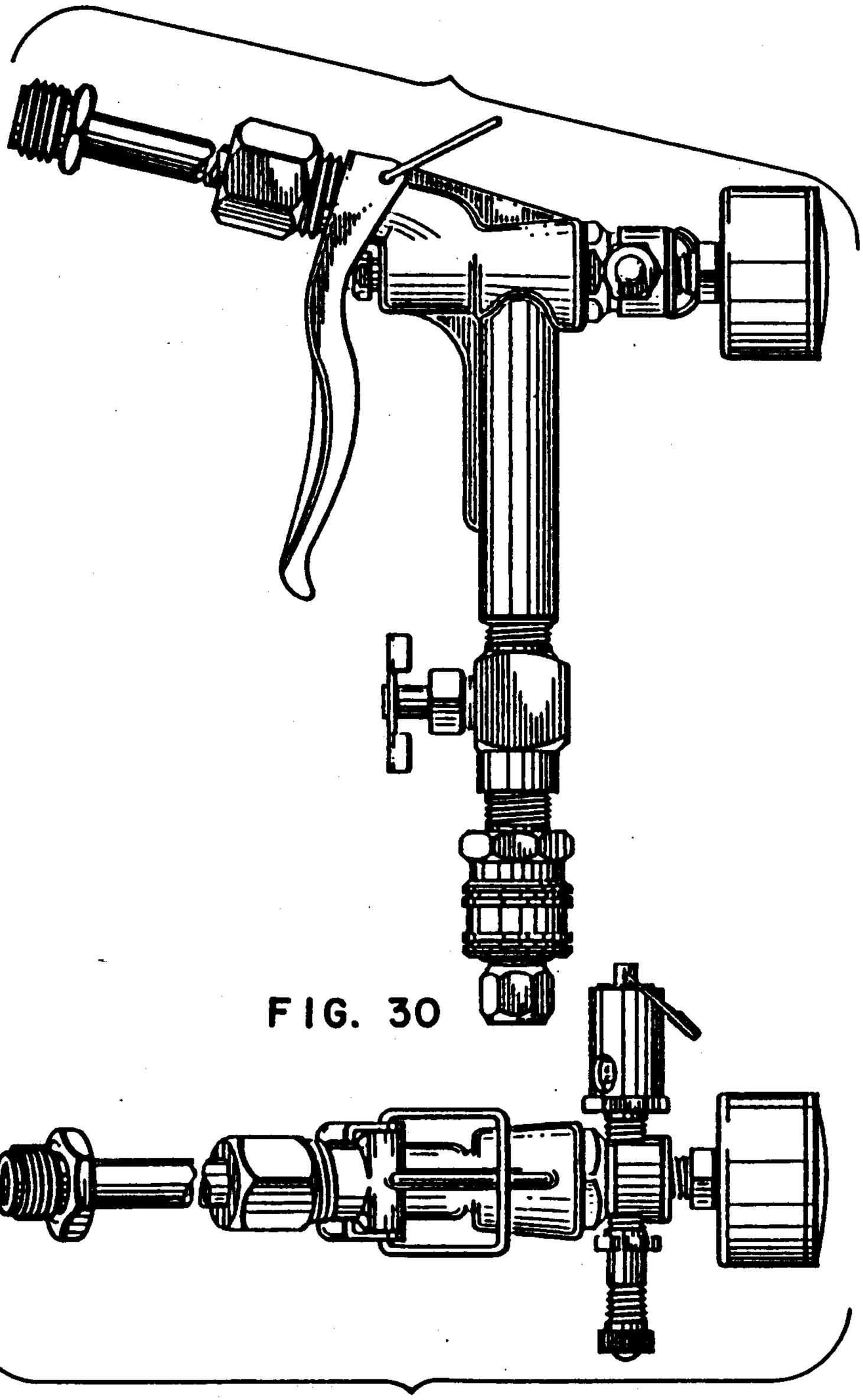

FIG. 30

FIG. 31

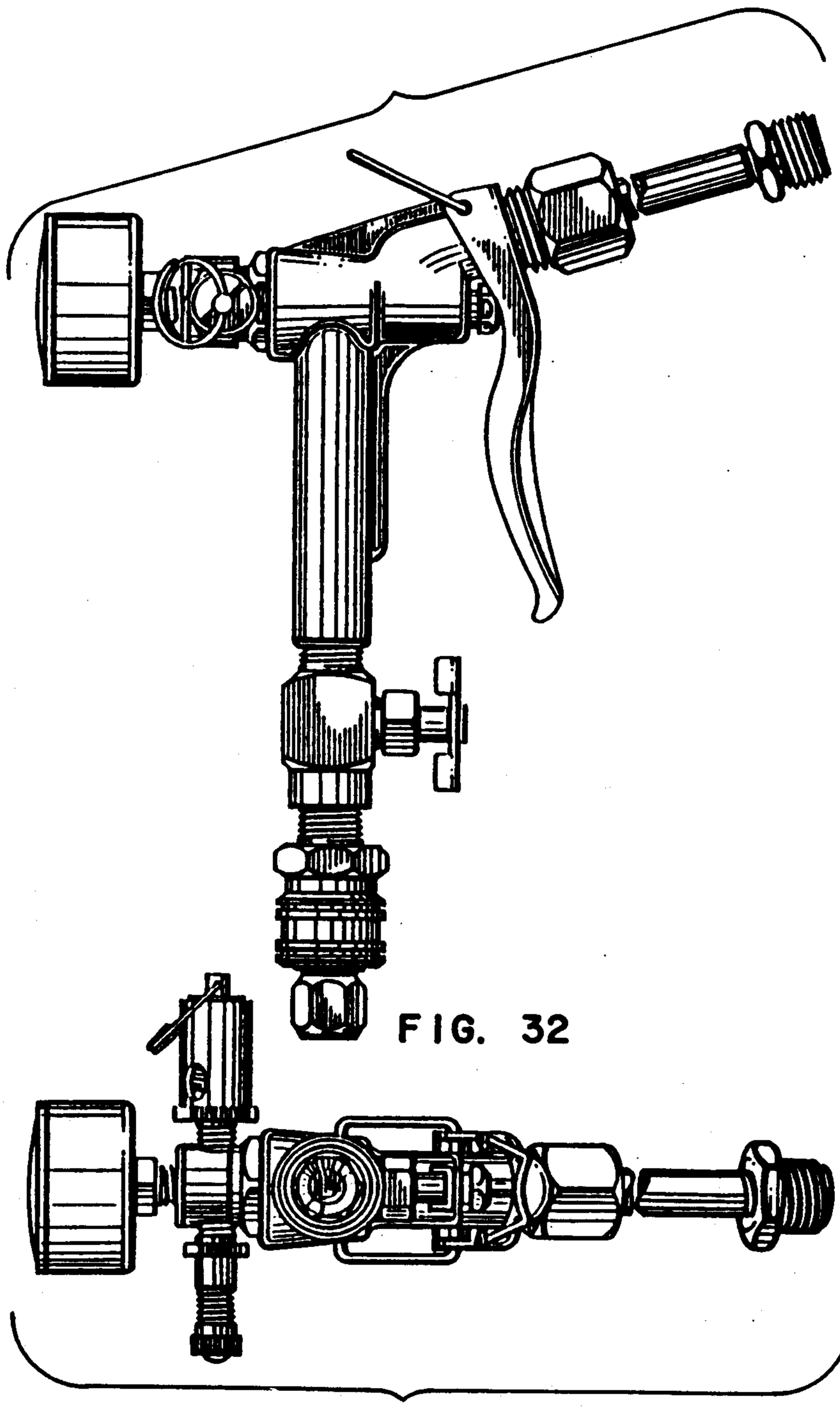

FIG. 32

FIG. 33

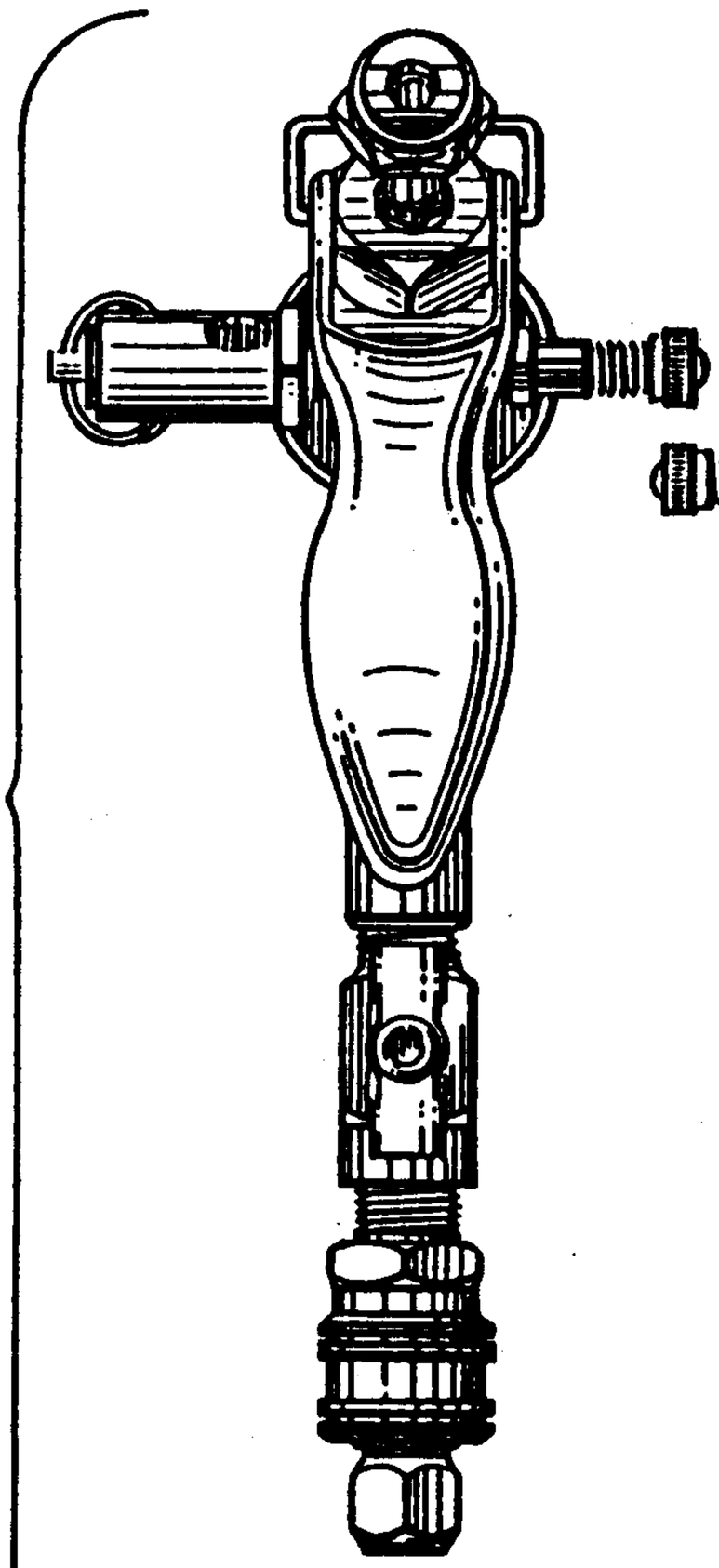

FIG. 34

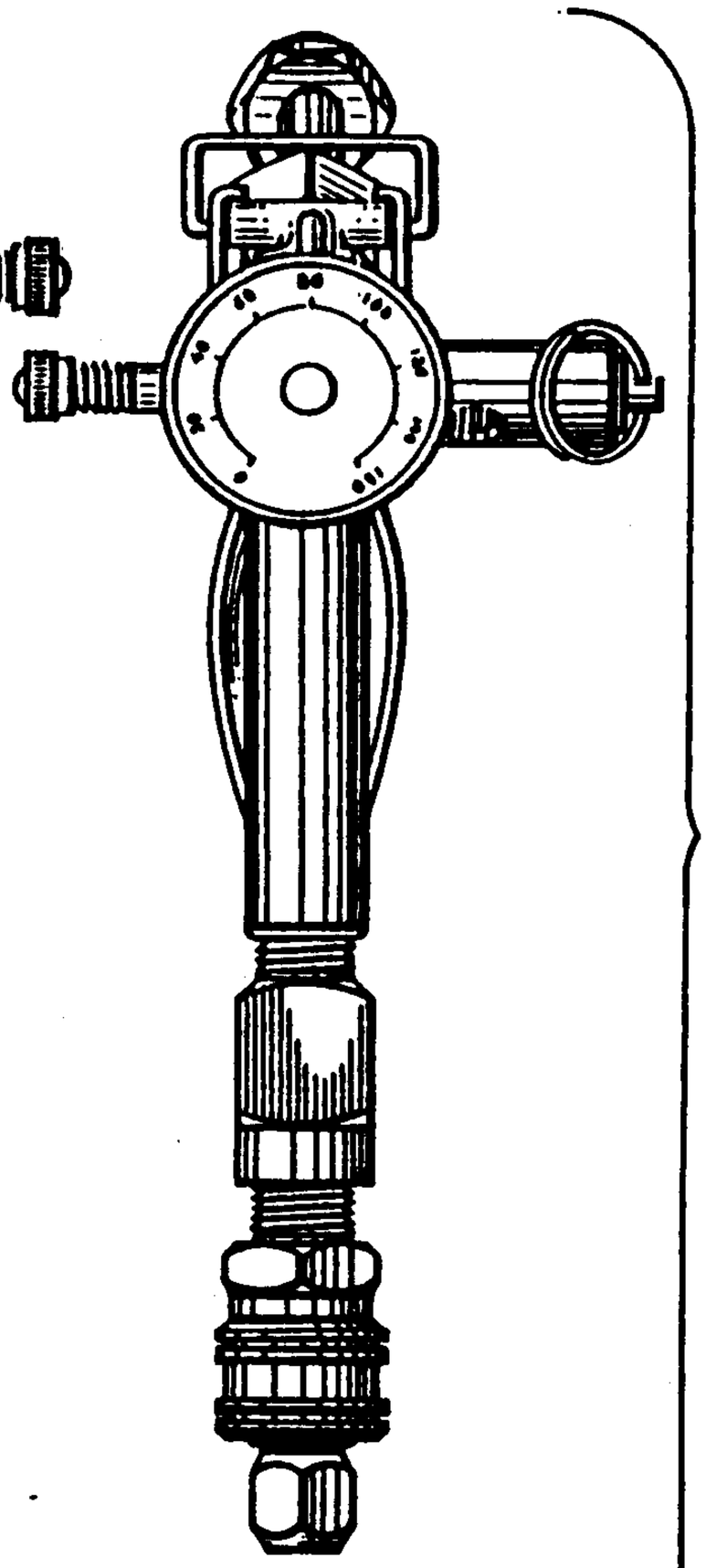

FIG. 35

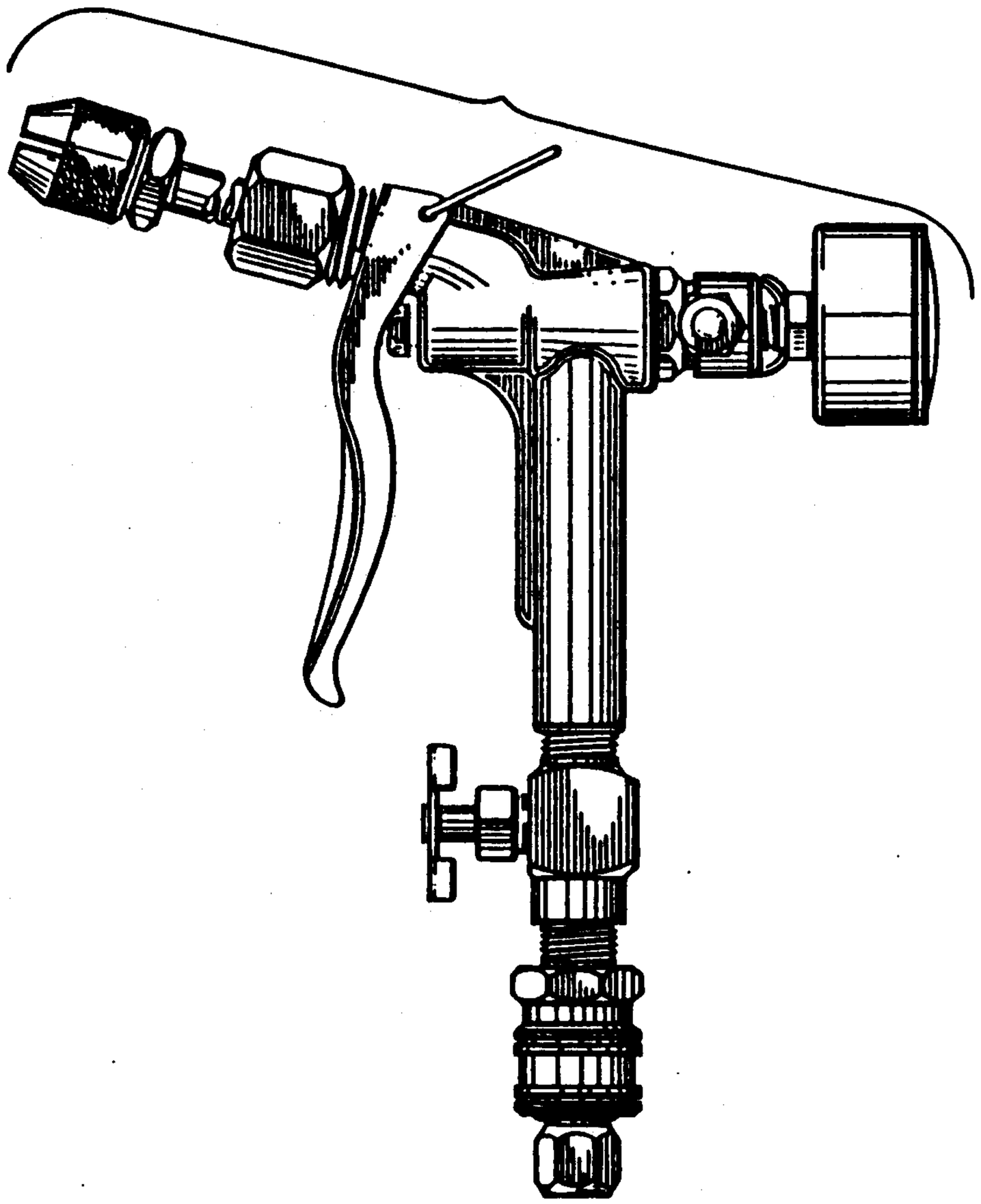

FIG. 36

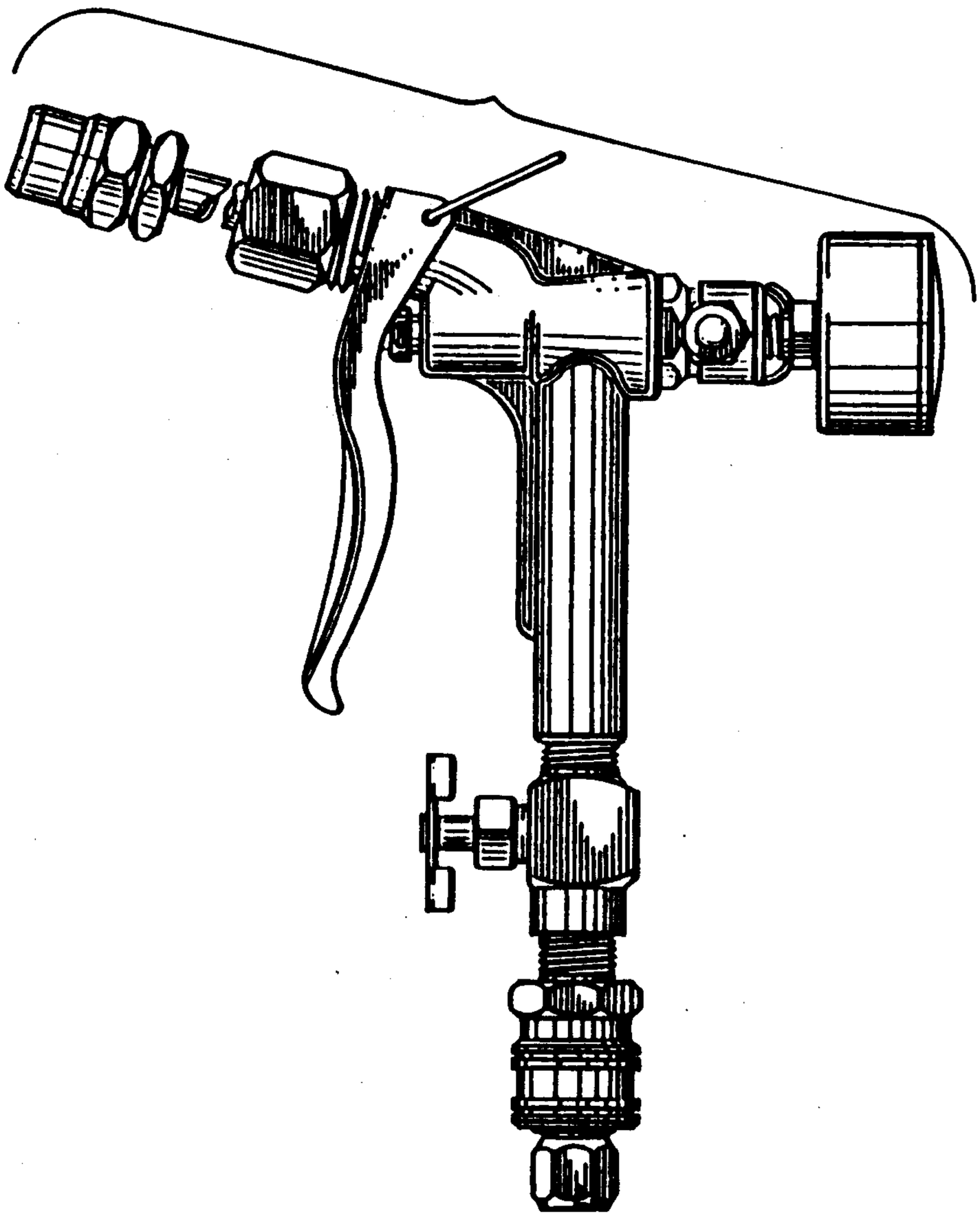

FIG. 37

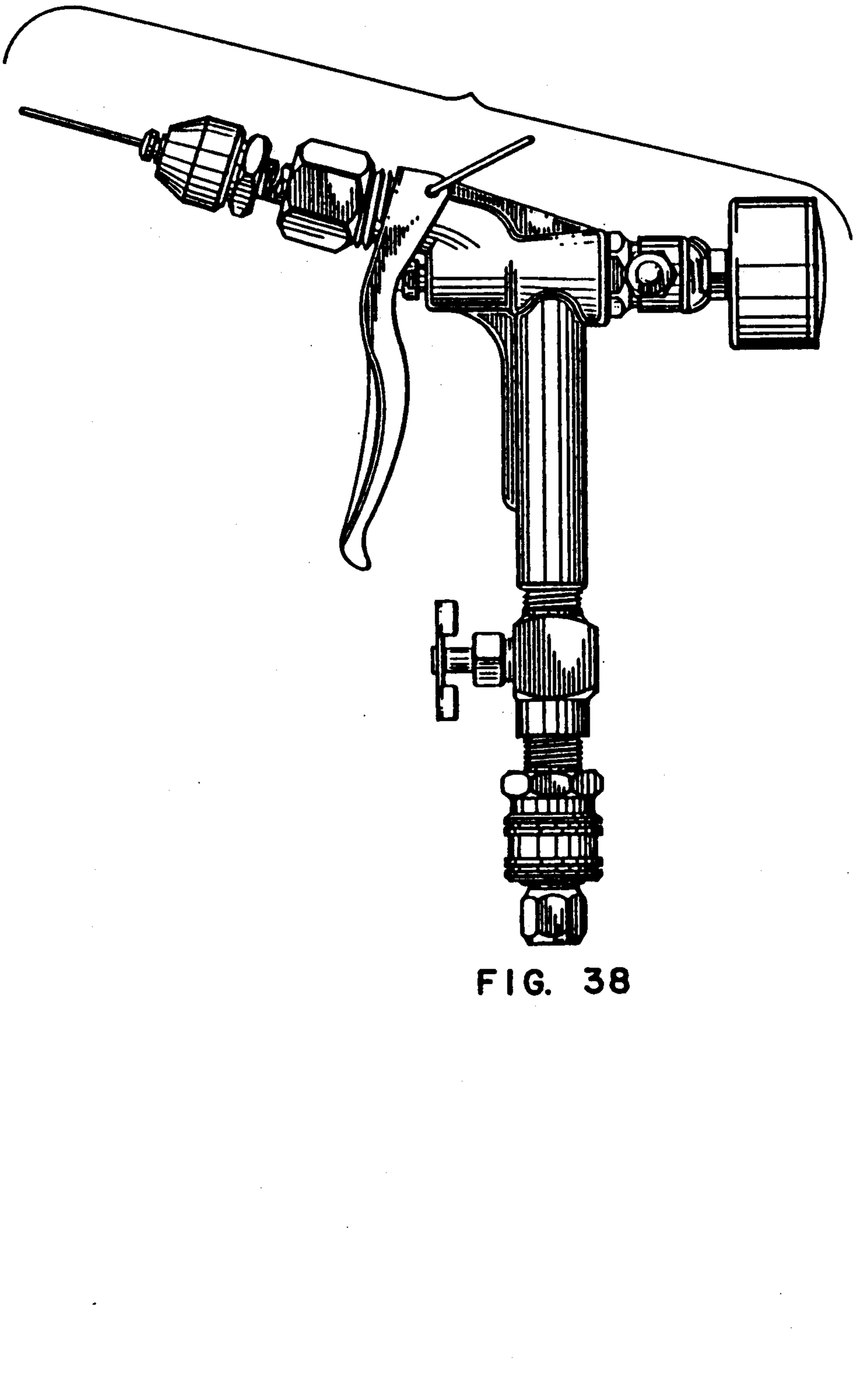

FIG. 38

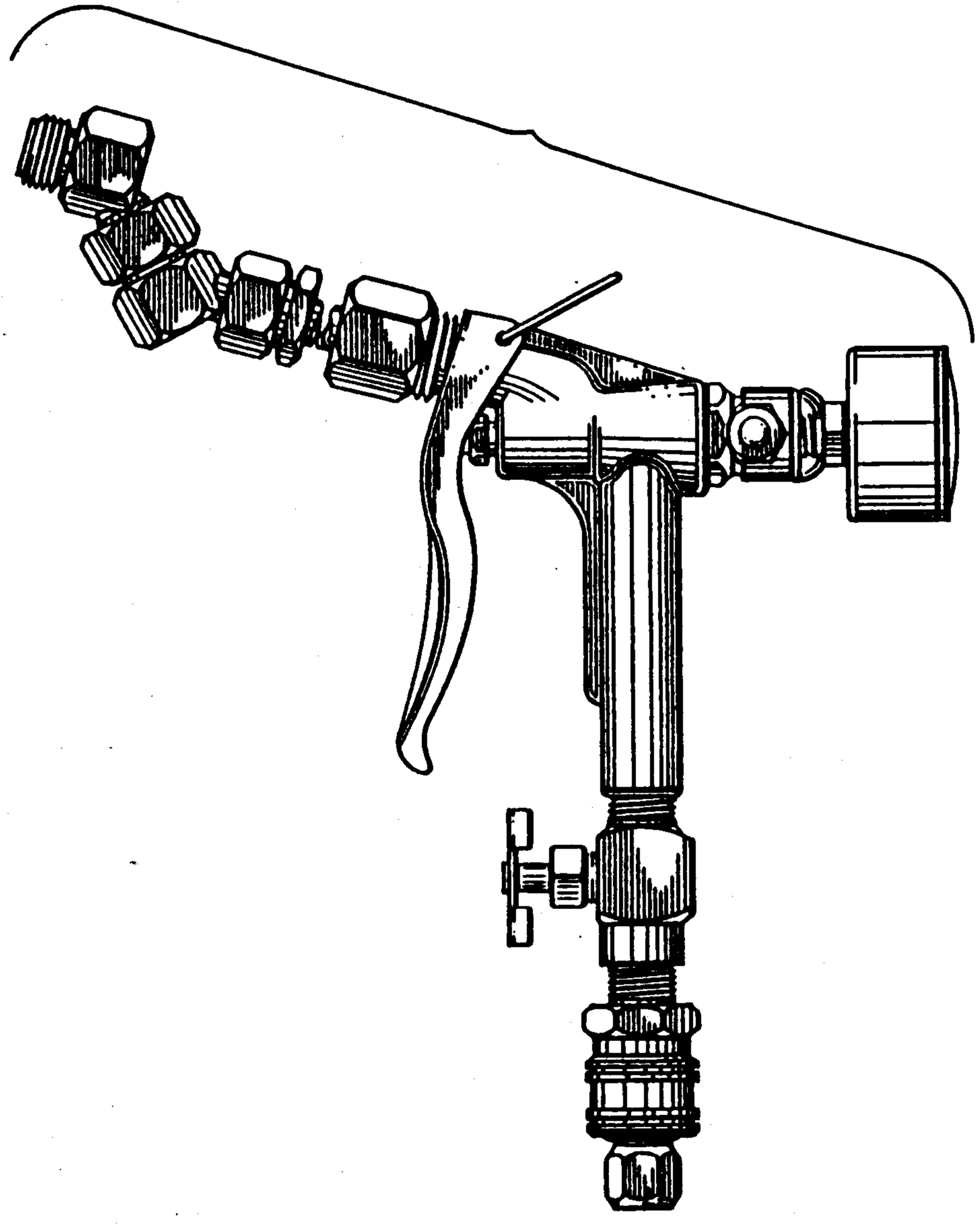

FIG. 39

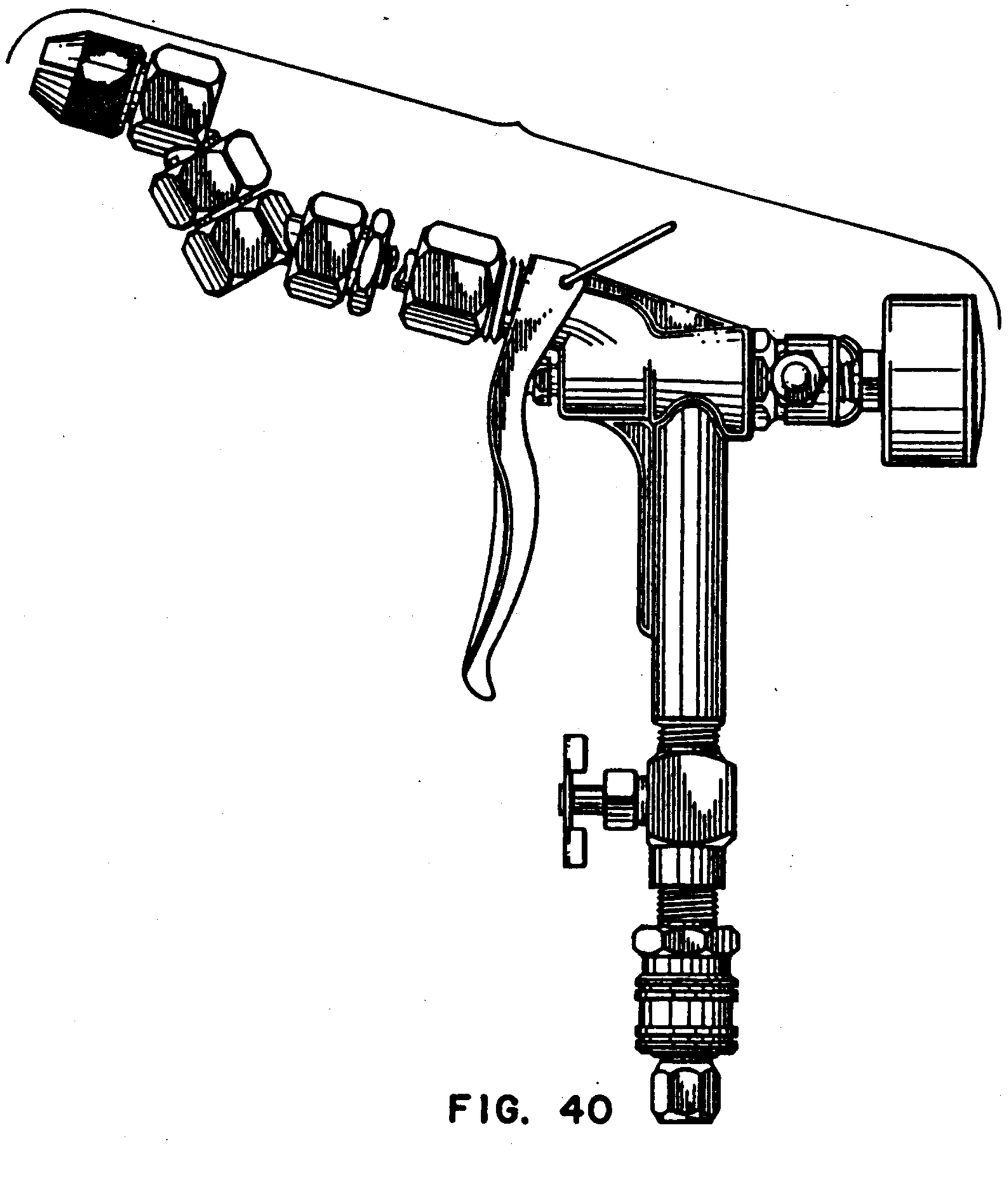

FIG. 40

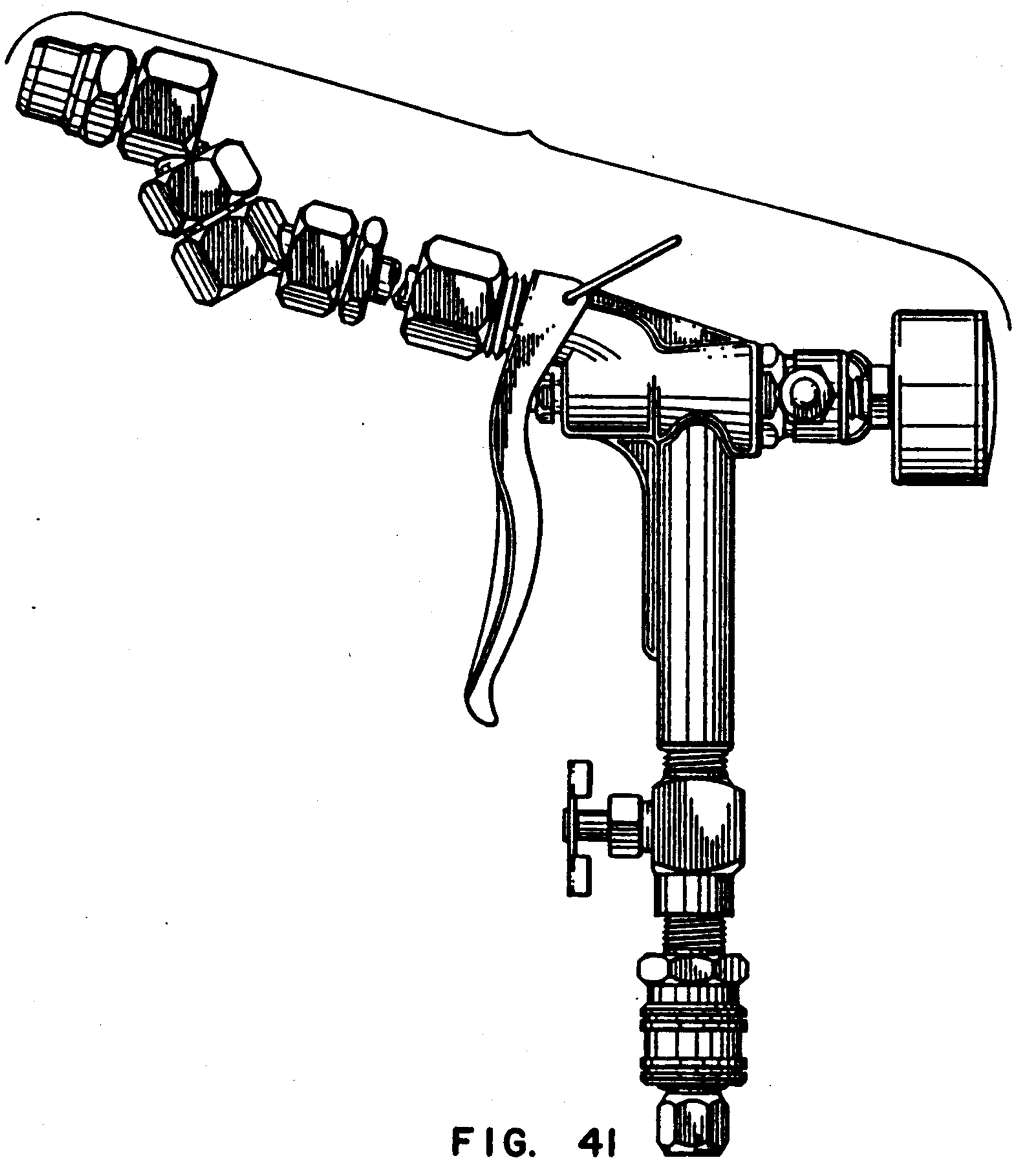

FIG. 41

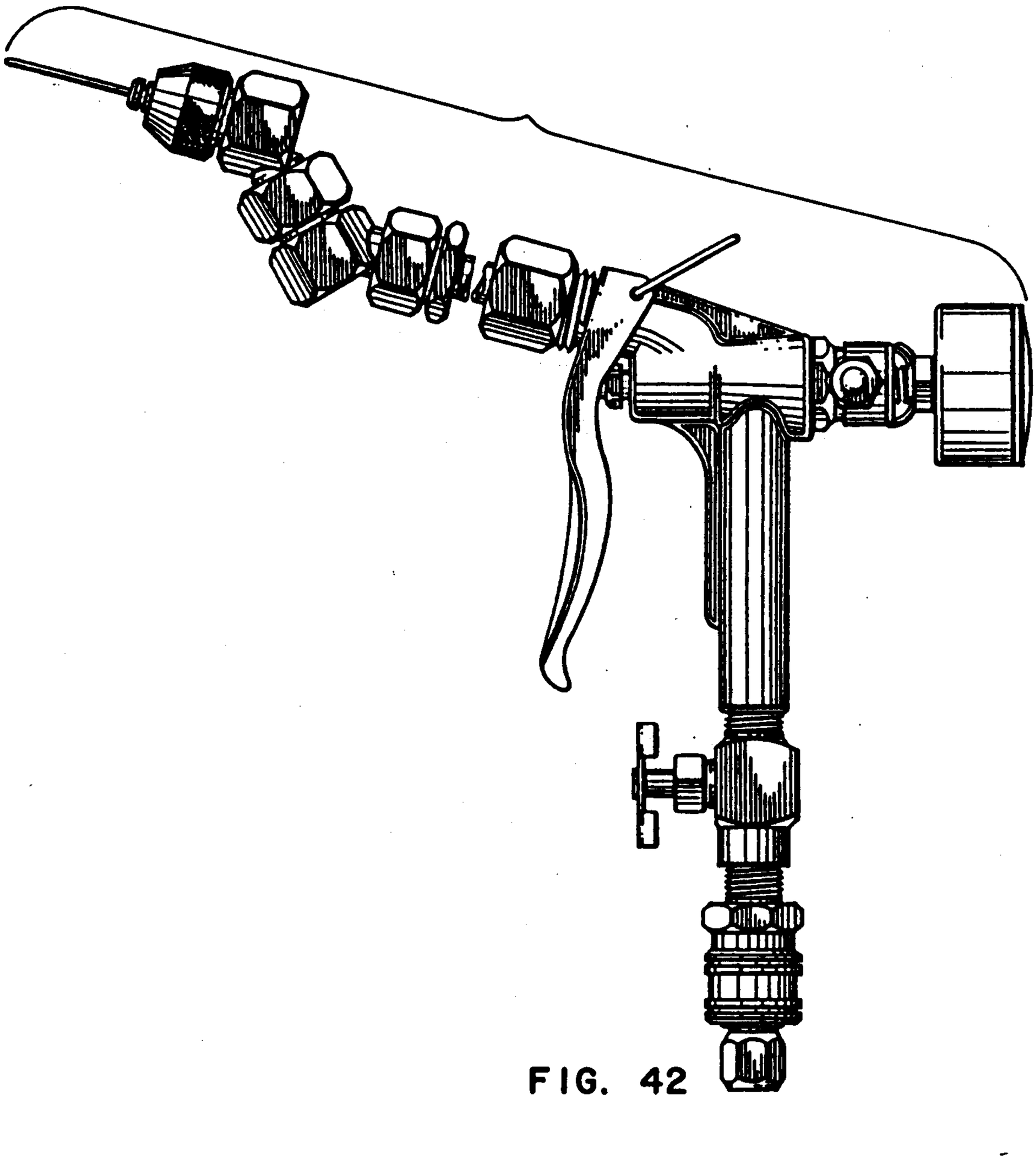

FIG. 42

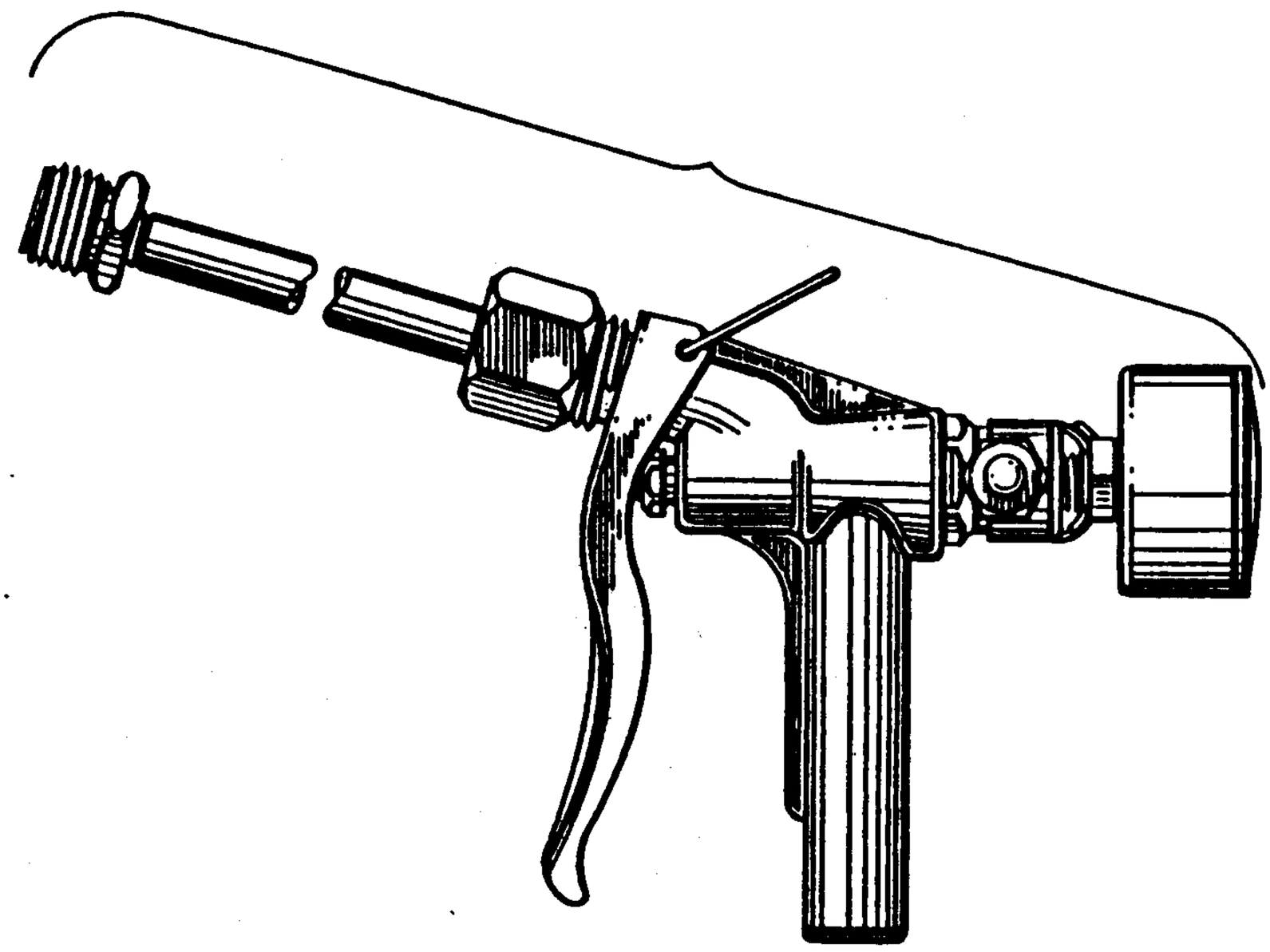

FIG. 43

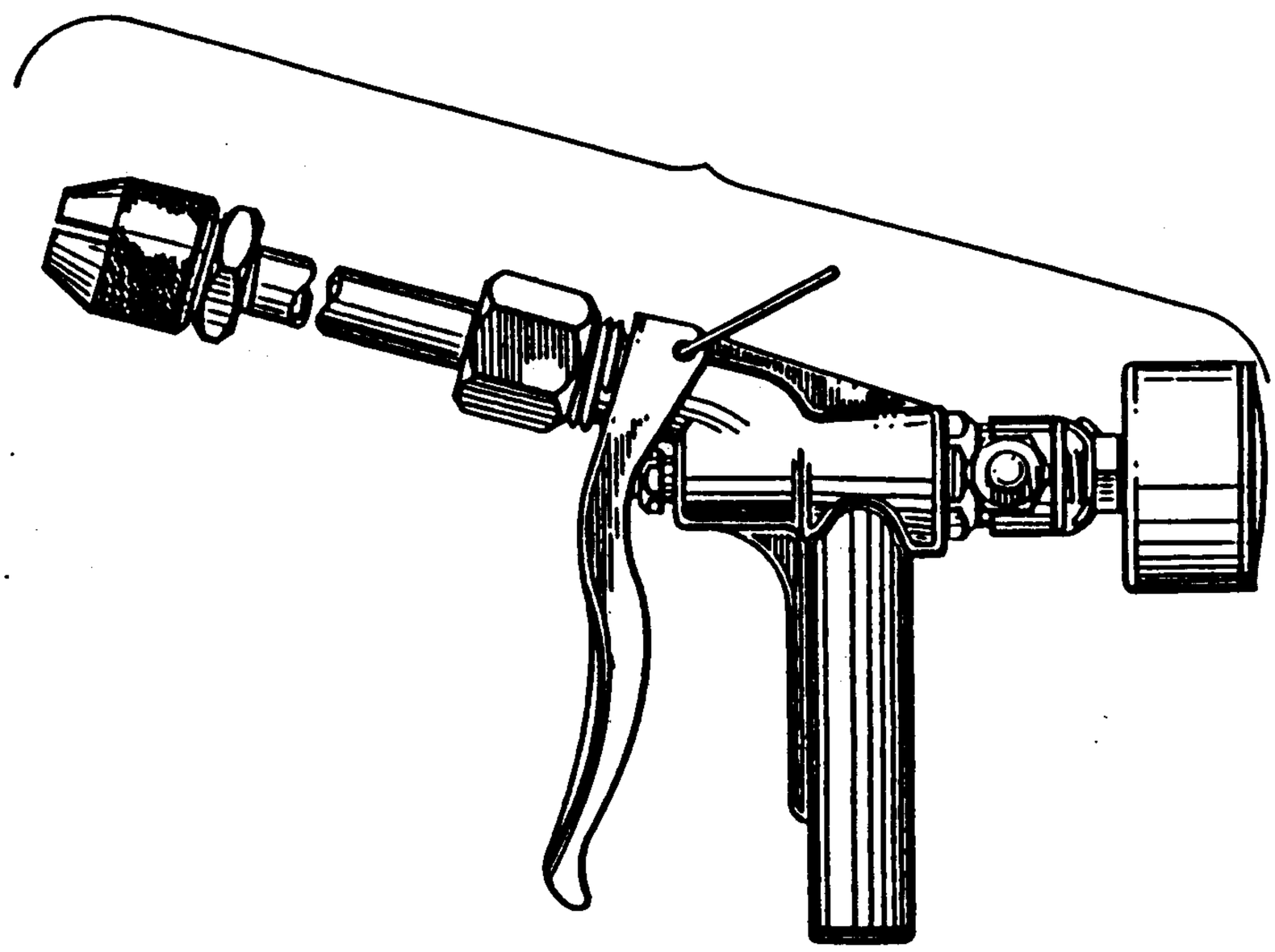

FIG. 44

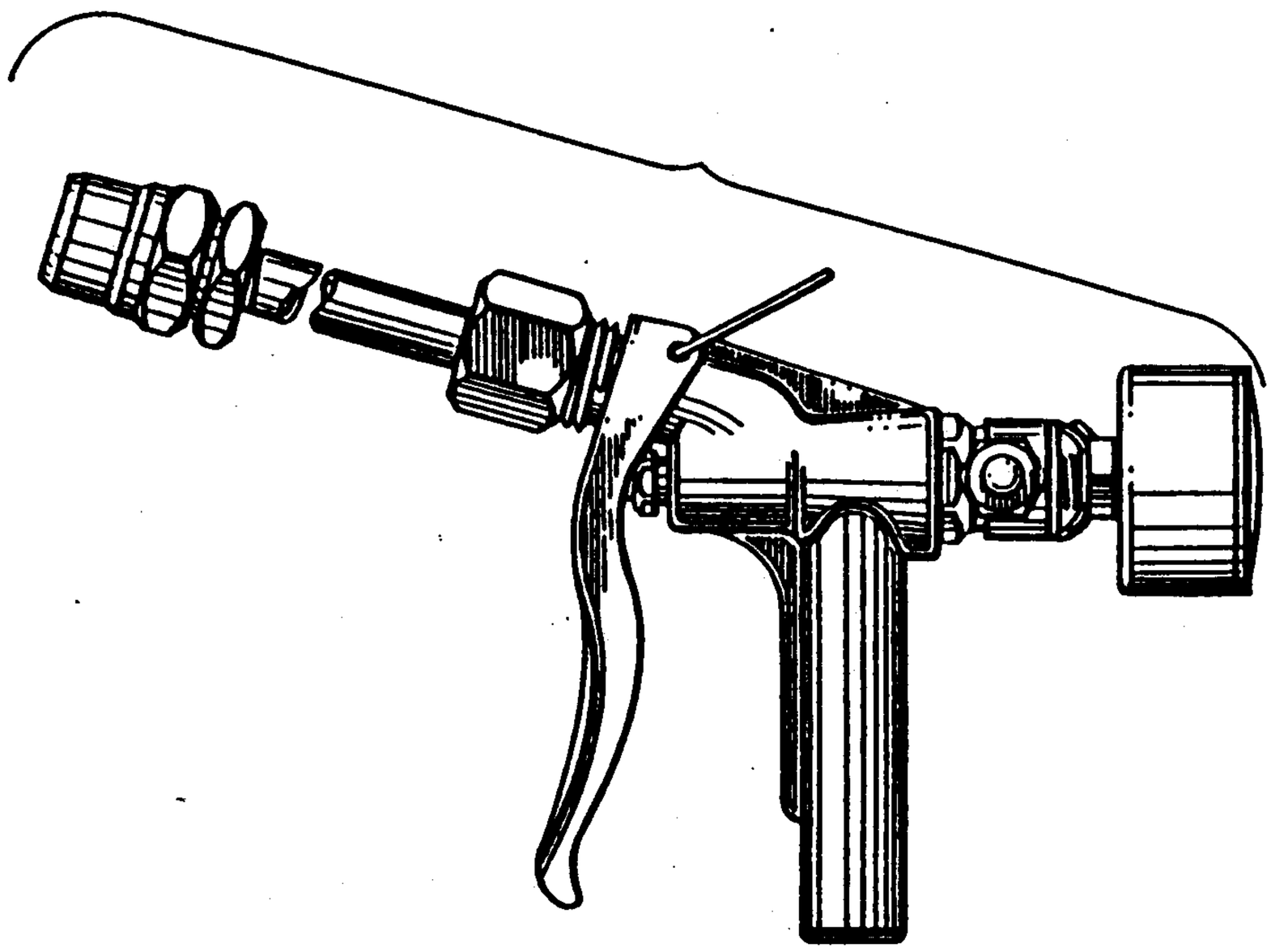

FIG. 45

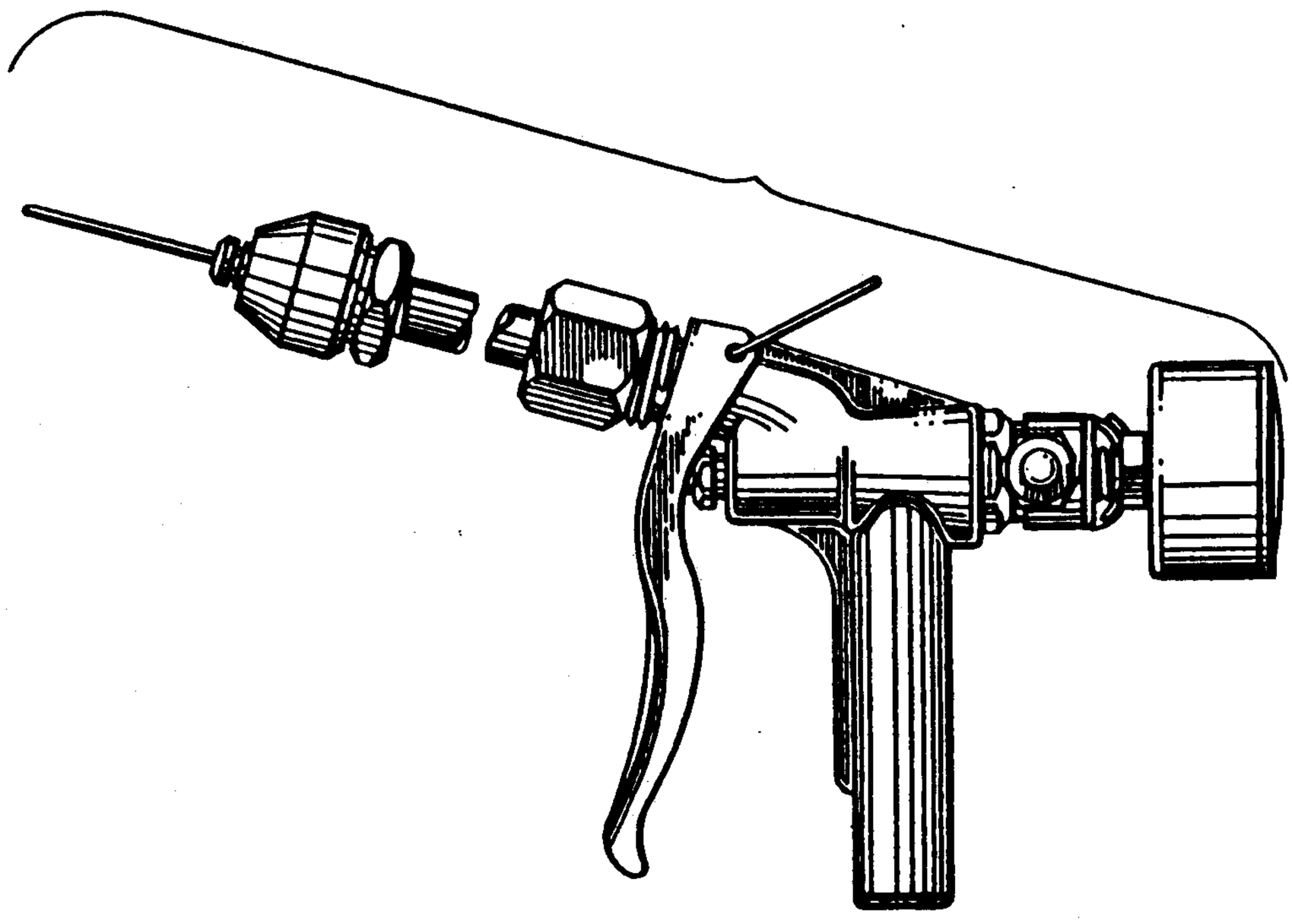

FIG. 46

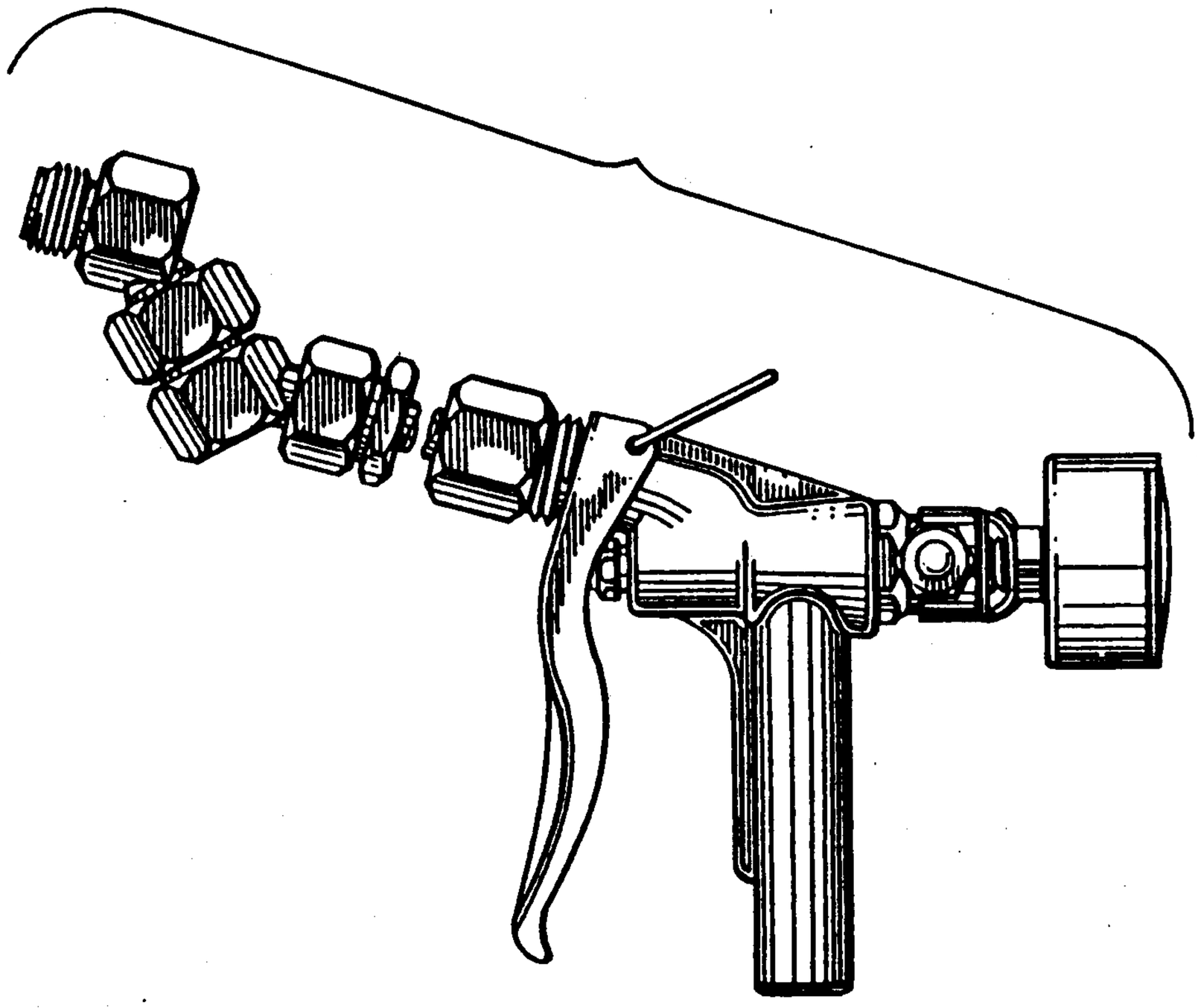

FIG. 47

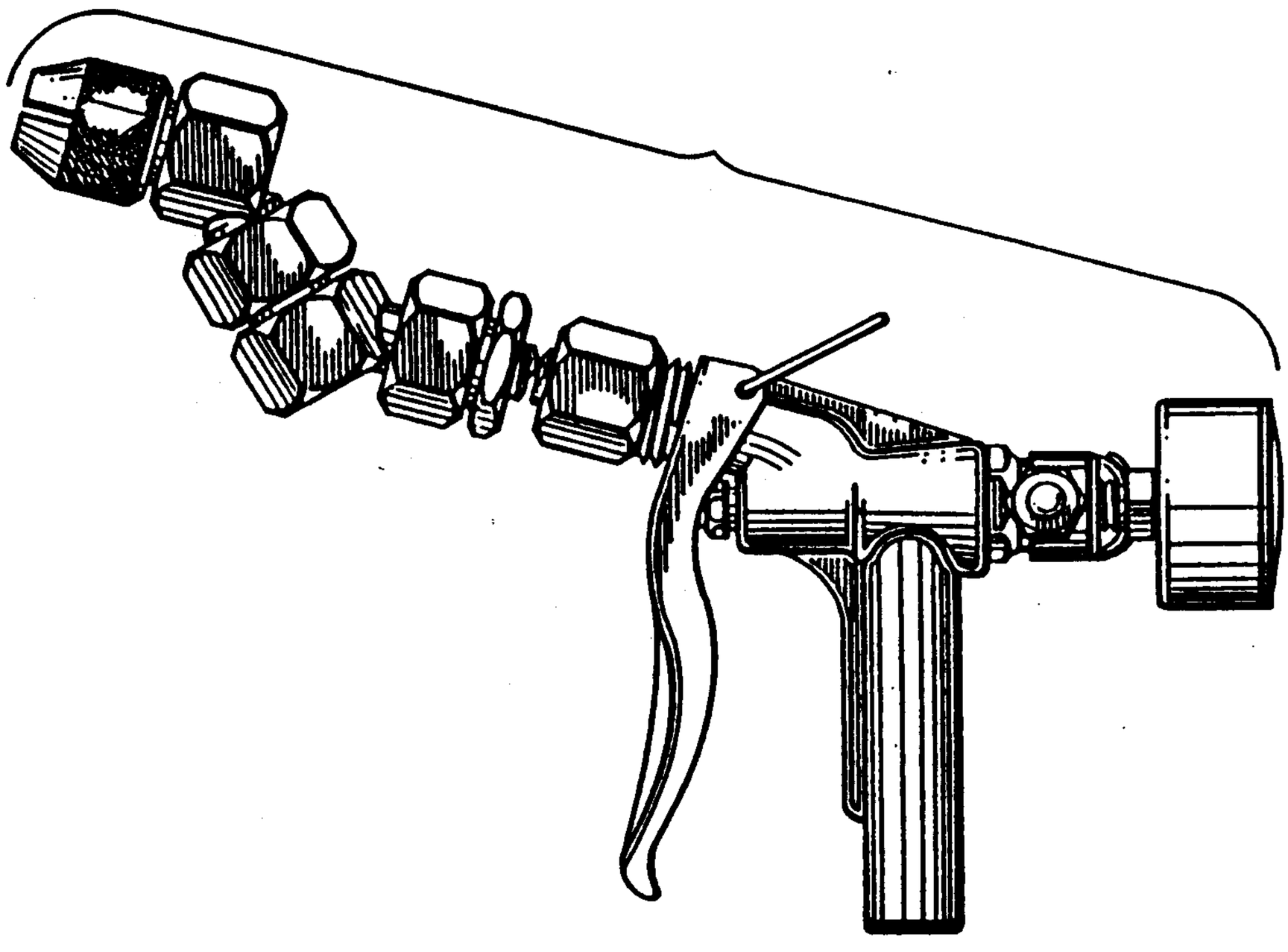

FIG. 48

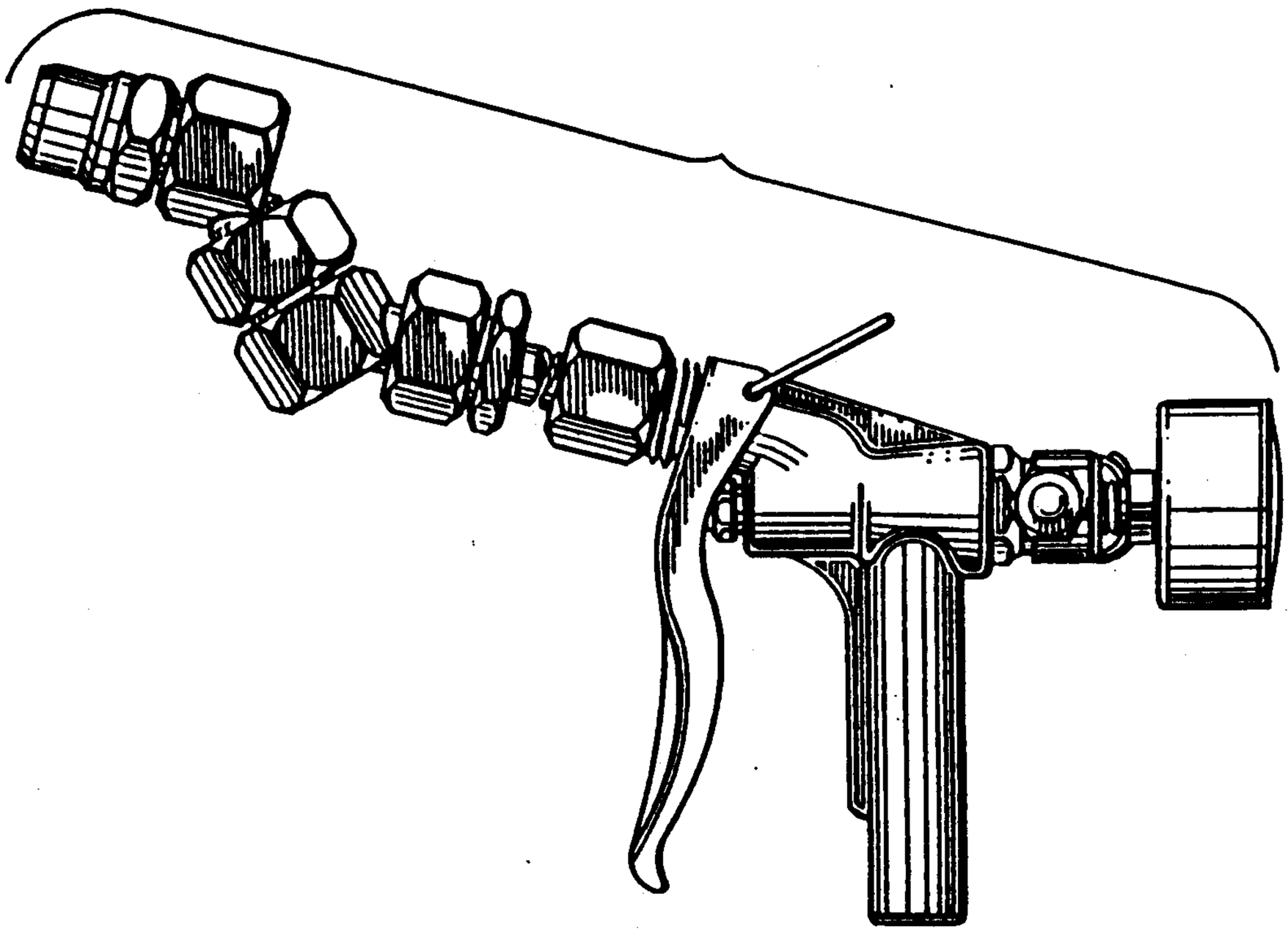

FIG. 49

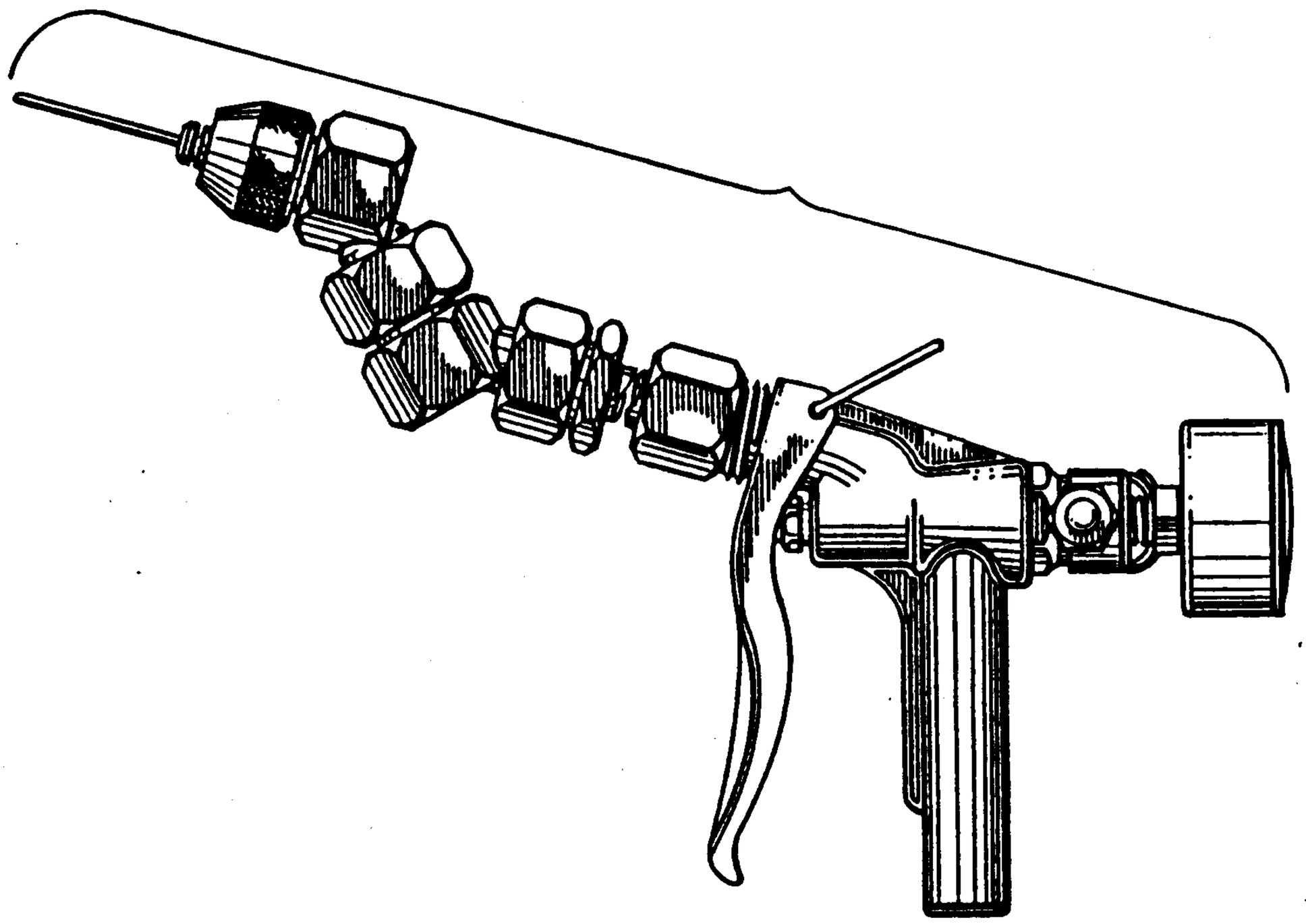

FIG. 50