

[54] MULTI-PURPOSE SOLDERING GUN

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[**] Term: 14 Years

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[52] U.S. Cl. D8/30

[58] Field of Search D8/30; 219/227, 229, 219/238; 228/51, 55

[56] References Cited

U.S. PATENT DOCUMENTS

D. 243,147 1/1977 Sylvester D8/30
2,665,365 1/1954 Thomas 219/238

3,480,759 11/1969 Sachs et al. 228/55 X

FOREIGN PATENT DOCUMENTS

547509 9/1956 Italy D8/30

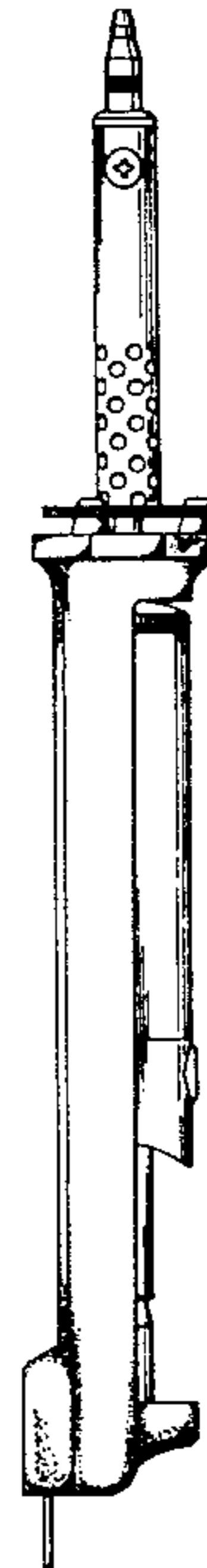
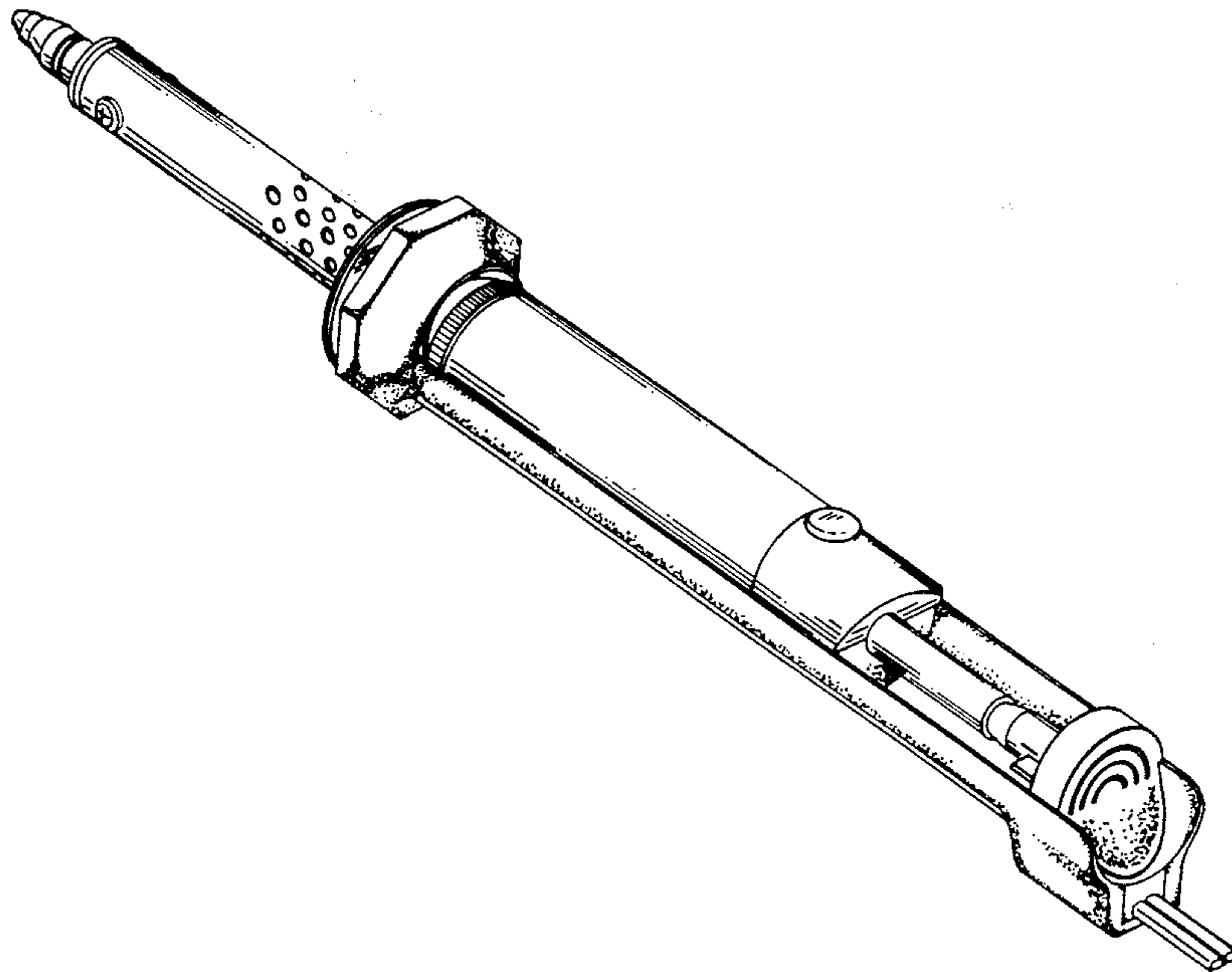
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[57] CLAIM

The ornamental design for multi-purpose soldering gun, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a multi-purpose soldering gun showing my new design; FIG. 2 is a front elevation thereof; FIG. 3 is a top plan view thereof; FIG. 4 is a bottom plan view thereof; FIG. 5 is a left side elevation thereof; and FIG. 6 is a right side elevation thereof.



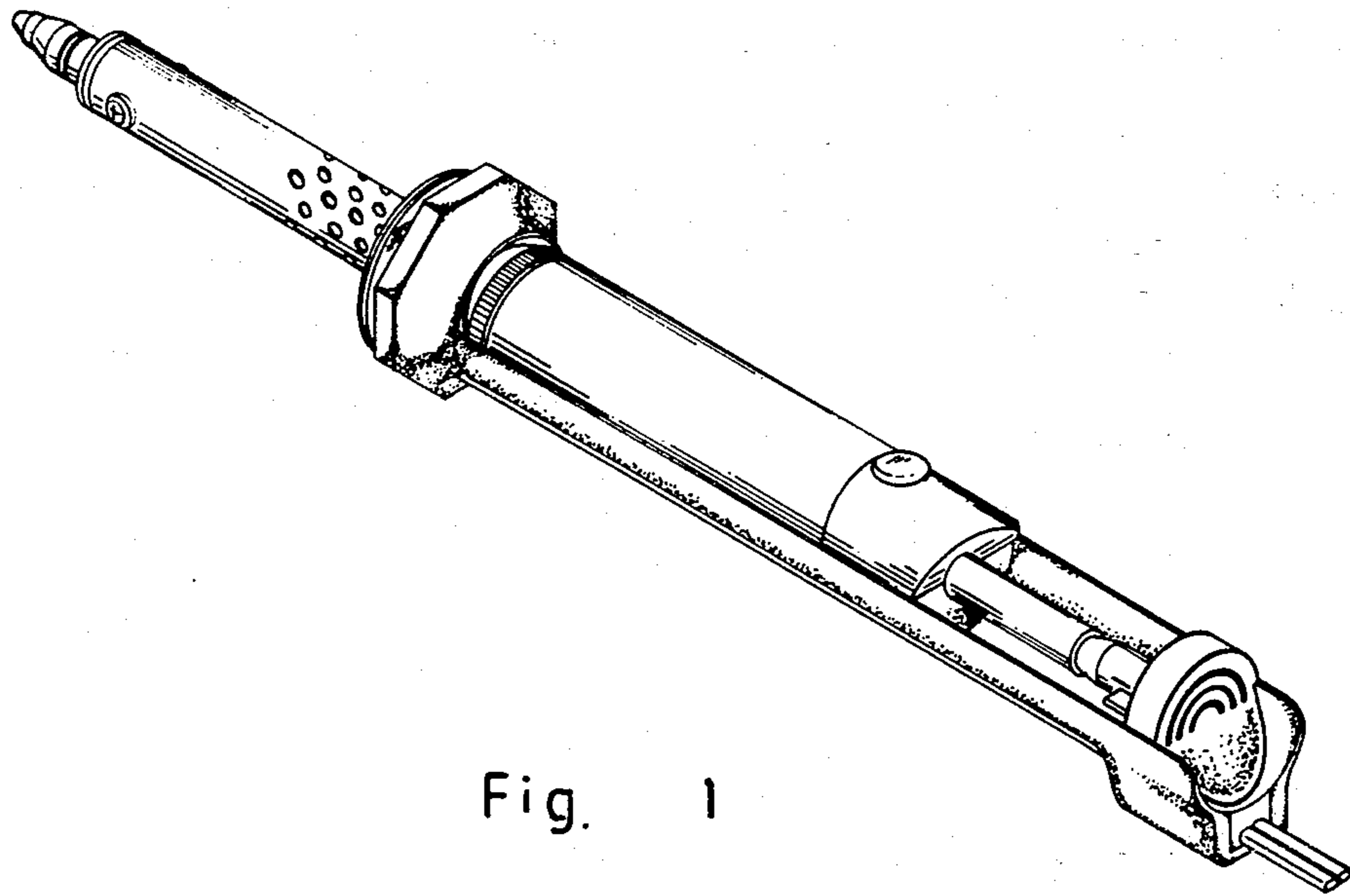


Fig. 1

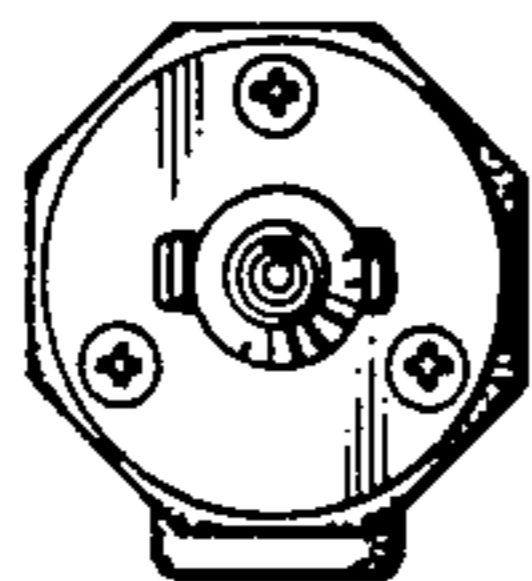


Fig. 5

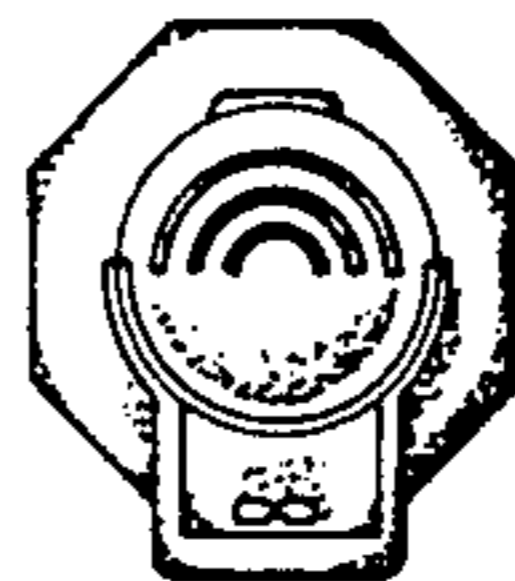


Fig. 6

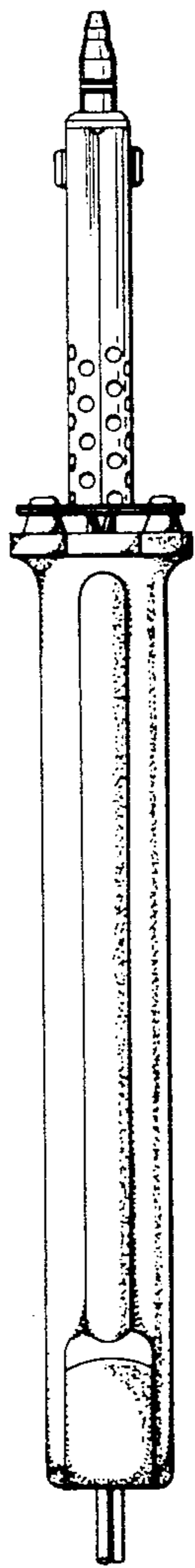


Fig. 4

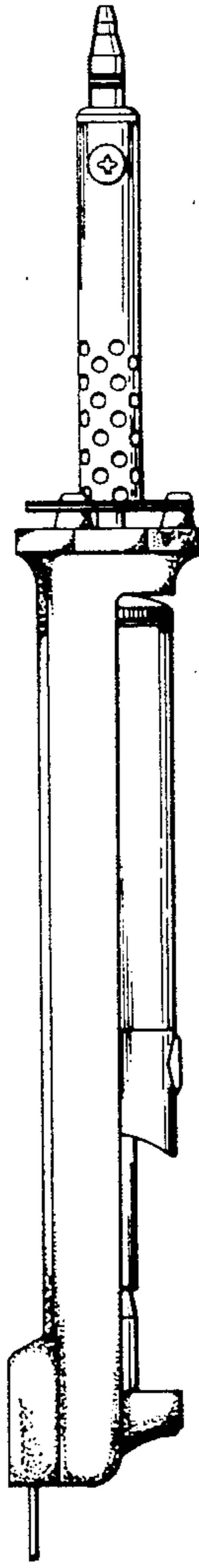


Fig. 2

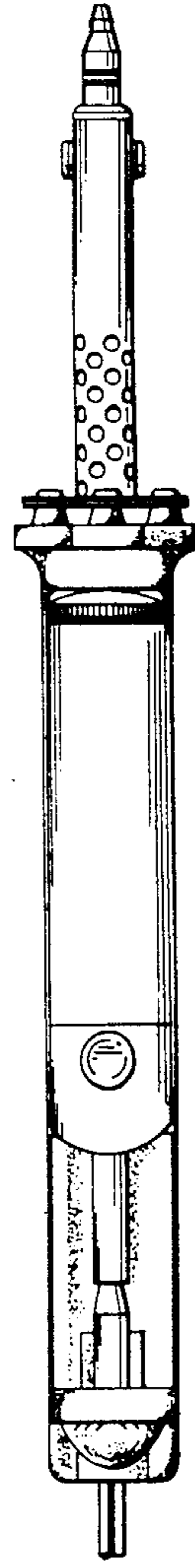


Fig. 3