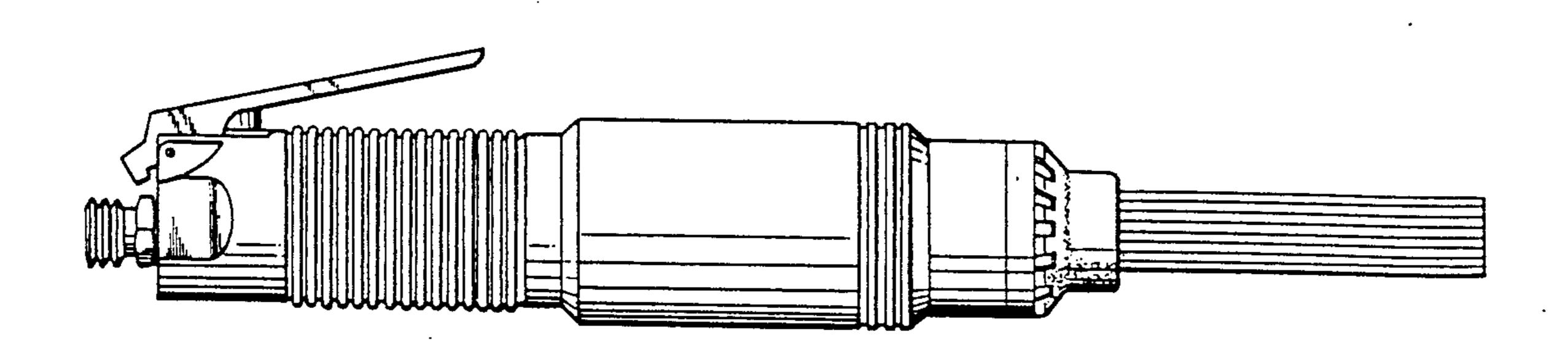
United States Patent [19]

Kurihara et al.

Patent Number: Des. 293,073 [45] Date of Patent: ** Dec. 8, 1987

[54] MULTI-NEEDLE TYPE CHISEL		Needle Scaling Gun Model No. JC-20; top right of
[75] Inventors:	Naoya Kurihara; Toshio Mikiya, both of Tokyo, Japan	page. ARO, Portable Air Tools Catalog, p. 43, 8499 Series Needle Scaling Hammer. Primary Examiner—Susan J. Lucas Assistant Examiner—C. E. Heflin Attorney, Agent, or Firm—Birch, Stewart, Kolasch & Birch
[73] Assignee:	Nitto Kohki Co., Ltd., Tokyo, Japan	
[**] Term:	14 Years	
[21] Appl. No.:] Appl. No.: 525,747	
[22] Filed:	Aug. 23, 1983	
[30] Foreig	n Application Priority Data	[57] CLAIM
Feb. 25, 1983 [JP] Japan		The ornamental design for a multi-needle type chisel, as shown and described.
F-63		
[58] Field of Se	arch D8/14, 47, 51, 61;	DESCRIPTION
[58] Field of Se	arch	FIG. 1 is a top plan view of the multi-needle type chisel
[58] Field of Se	arch	FIG. 1 is a top plan view of the multi-needle type chisel showing our new design;
[58] Field of Se 81/57.1 [56]	arch	FIG. 1 is a top plan view of the multi-needle type chisel showing our new design; FIG. 2 is an enlarged partial sectional view of the rib-
[58] Field of Se 81/57.1 [56] U.S. D. 111,234 9/ D. 214,776 7/ D. 245,789 9/	arch	FIG. 1 is a top plan view of the multi-needle type chisel showing our new design; FIG. 2 is an enlarged partial sectional view of the ribbing section taken along line 2—2 of FIG. 1. FIG. 3 is an enlarged partial sectional view of the ribbing section taken along line 3—3 of FIG. 1; FIG. 4 is a bottom plan view thereof; FIG. 5 is a side elevational view thereof, the opposite
[58] Field of Se 81/57.1 [56] U.S. D. 111,234 9/ D. 214,776 7/ D. 245,789 9/ D. 258,237 2/	arch D8/14, 47, 51, 61; 3, 57.12, 463; 125/41; 173/169, 170, 63, 68 References Cited PATENT DOCUMENTS 1938 Albertson D8/61 1969 Schaedler D8/61 1977 Shea et al. D8/61 X	FIG. 1 is a top plan view of the multi-needle type chisel showing our new design; FIG. 2 is an enlarged partial sectional view of the ribbing section taken along line 2—2 of FIG. 1. FIG. 3 is an enlarged partial sectional view of the ribbing section taken along line 3—3 of FIG. 1; FIG. 4 is a bottom plan view thereof;



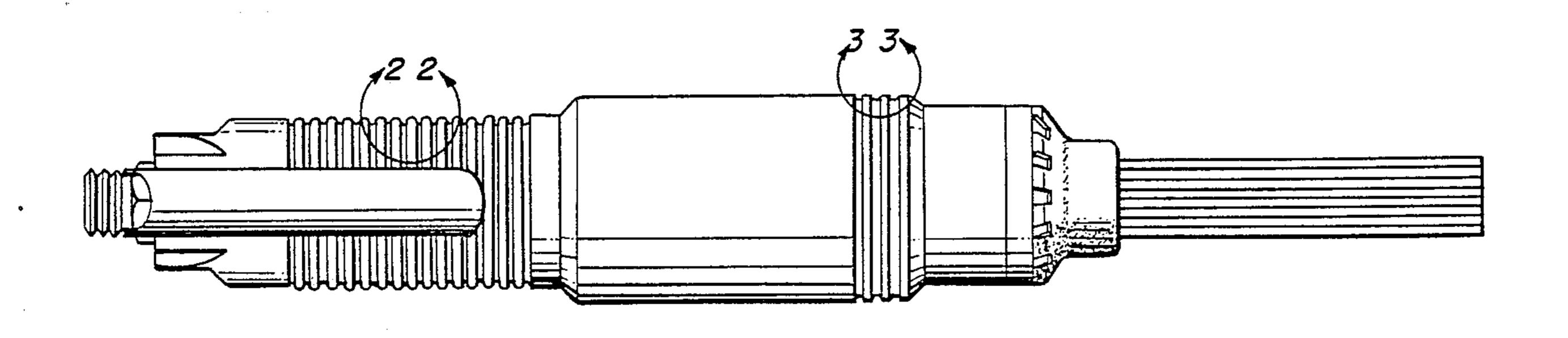
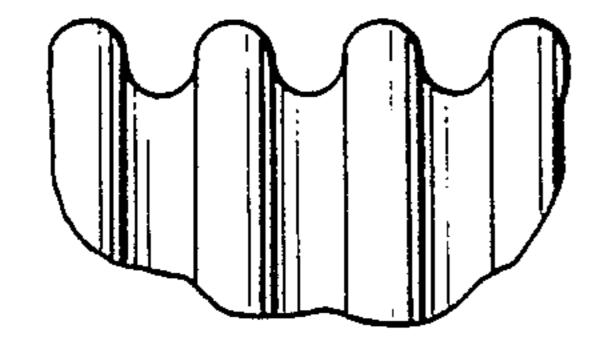
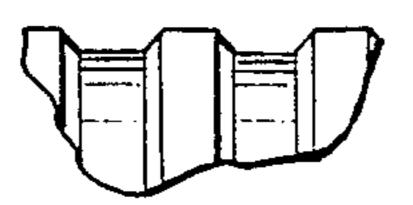


FIG. 1



F16.2



F/G. 3

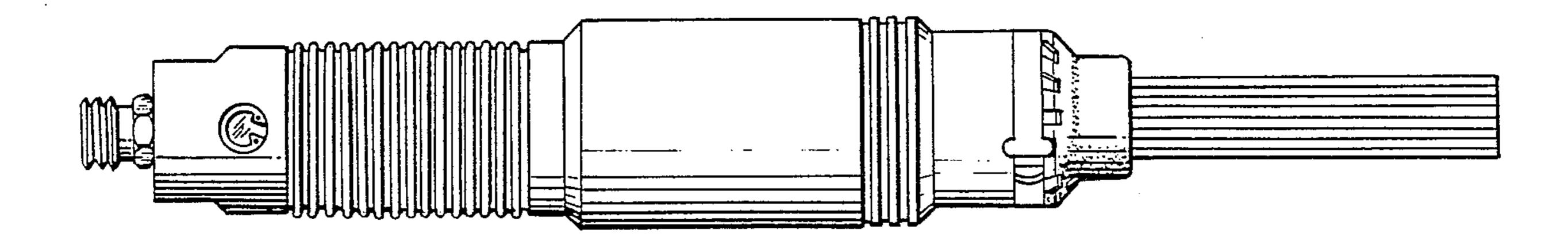
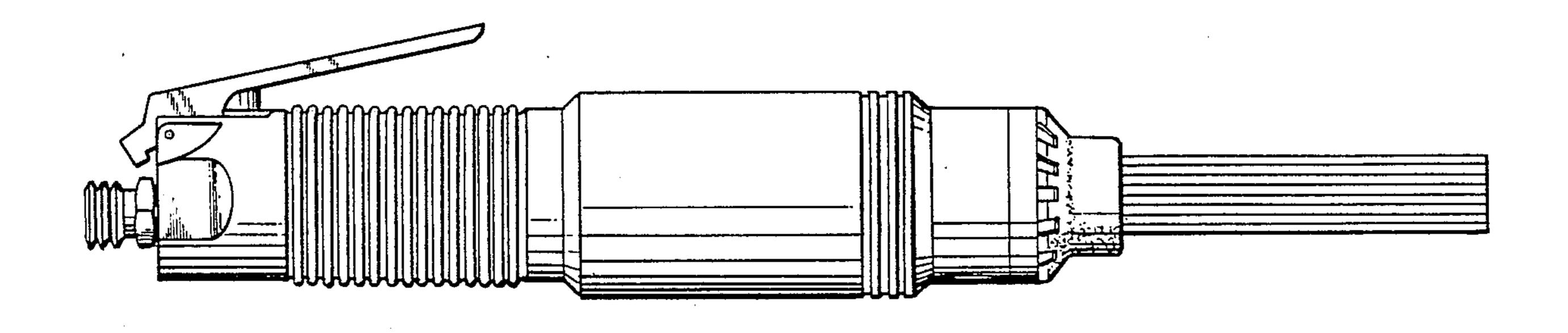
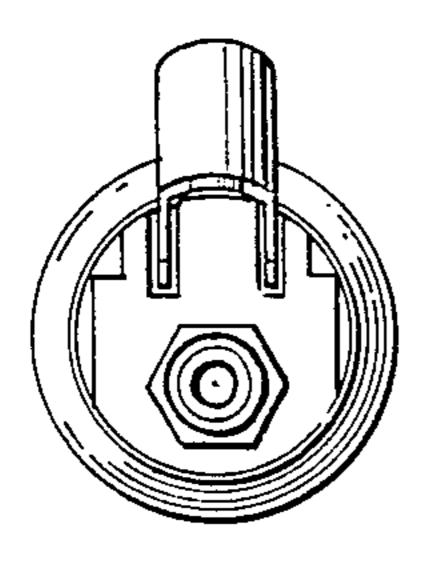


FIG. 4



F16.5



F/G.6

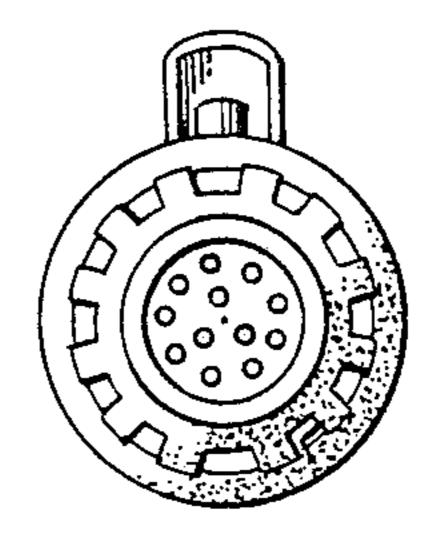


FIG. 7