

United States Patent [19]

Nakamoto

[11] Patent Number: **Des. 283,543**

[45] Date of Patent: **** Apr. 22, 1986**

[54] **NEEDLE EXTRACTOR**

[75] Inventor: **Takayuki Nakamoto, Tokyo, Japan**

[73] Assignee: **Iwata Electric Works Co., Ltd., Tokyo, Japan**

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

[21] Appl. No.: **477,352**

[22] Filed: **Mar. 21, 1983**

[30] **Foreign Application Priority Data**

Dec. 2, 1982 [JP]	Japan	57-54363
[52] U.S. Cl.		D24/27
[58] Field of Search	D24/23, 26; 128/303 R,	
	128/321, 325, 340, 346; 254/28	

[56] **References Cited**

U.S. PATENT DOCUMENTS

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[57] **CLAIM**

The ornamental design for a needle extractor, as shown and described.

DESCRIPTION

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

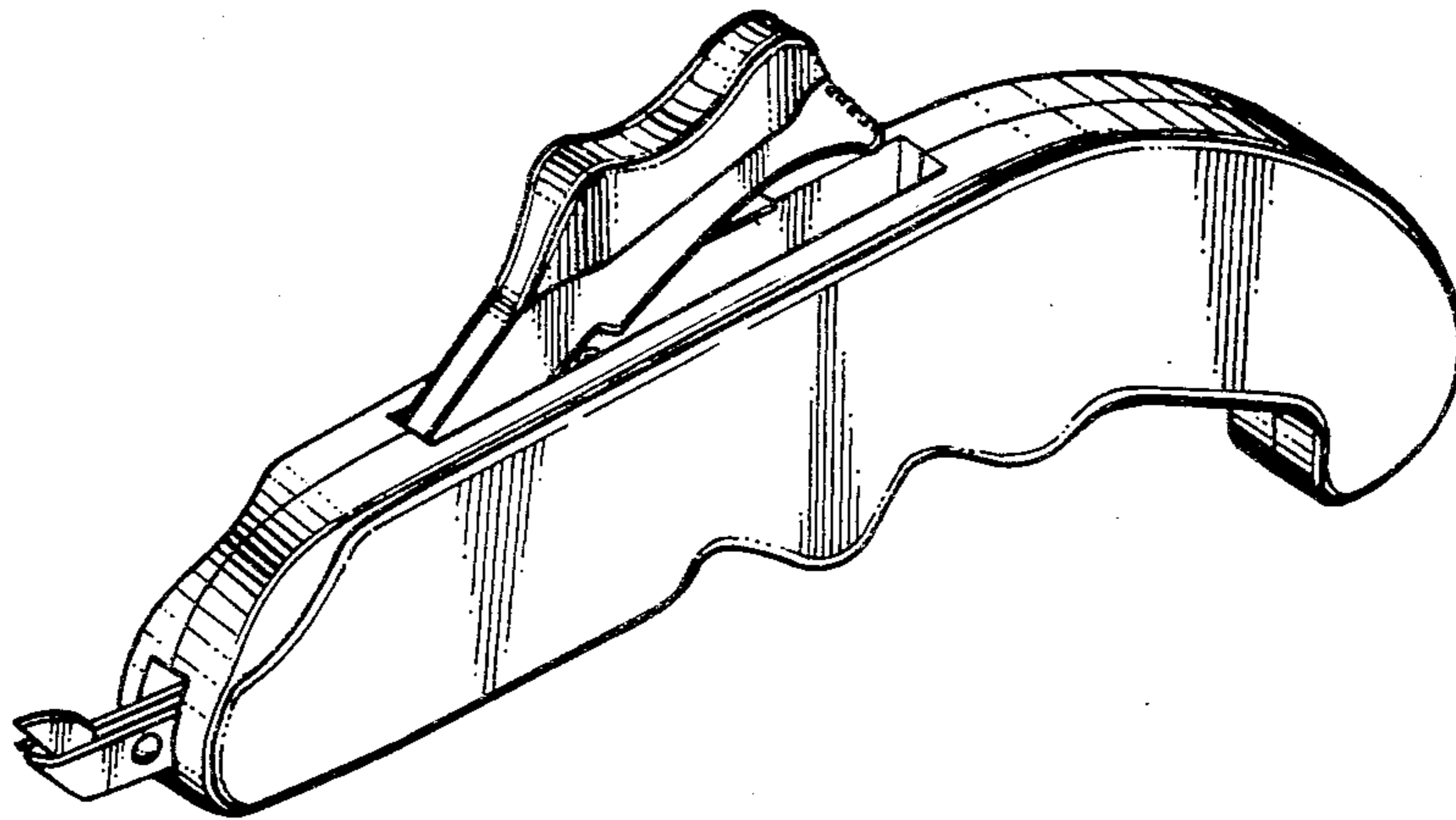


FIG. 1

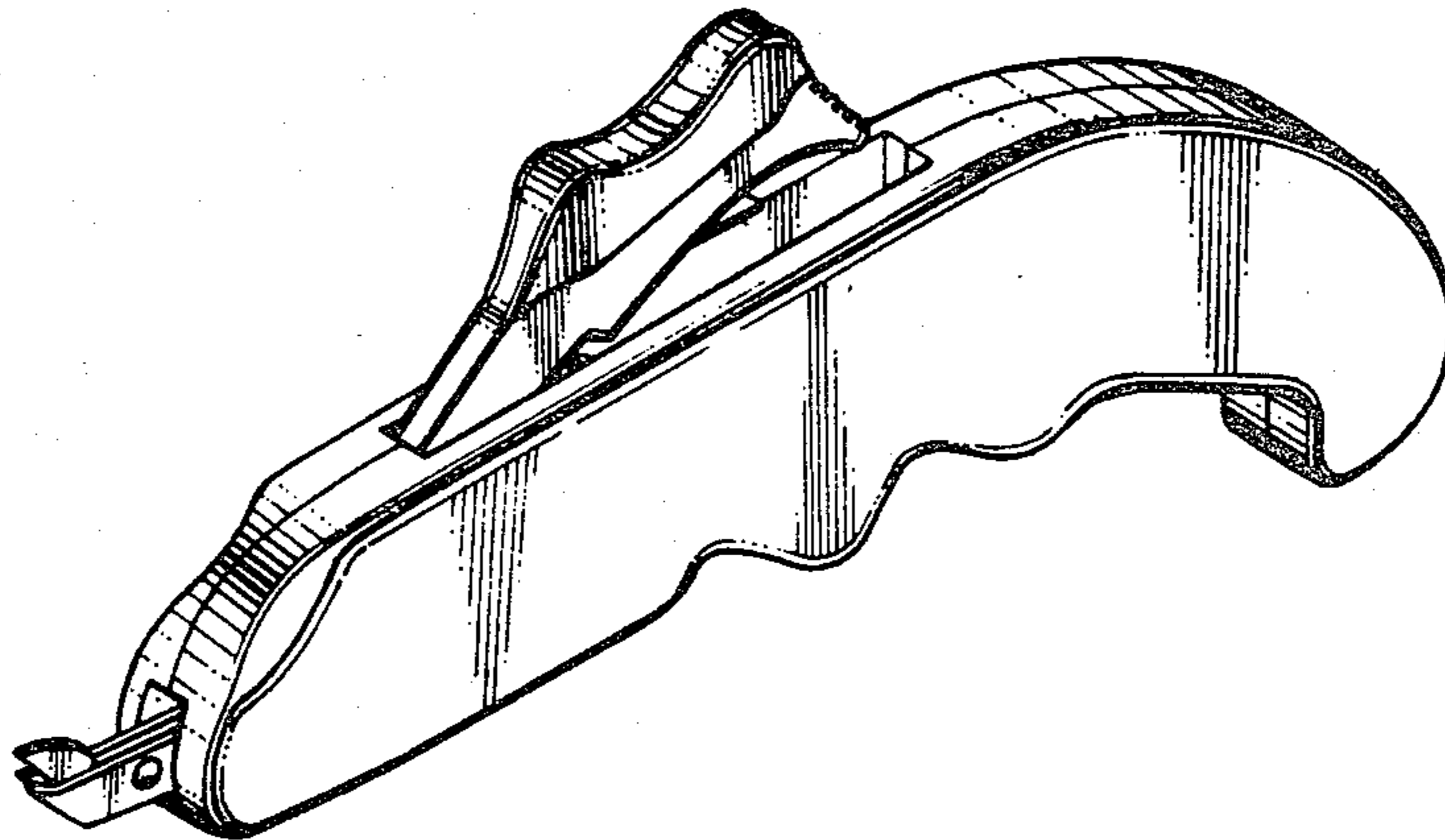


FIG. 5

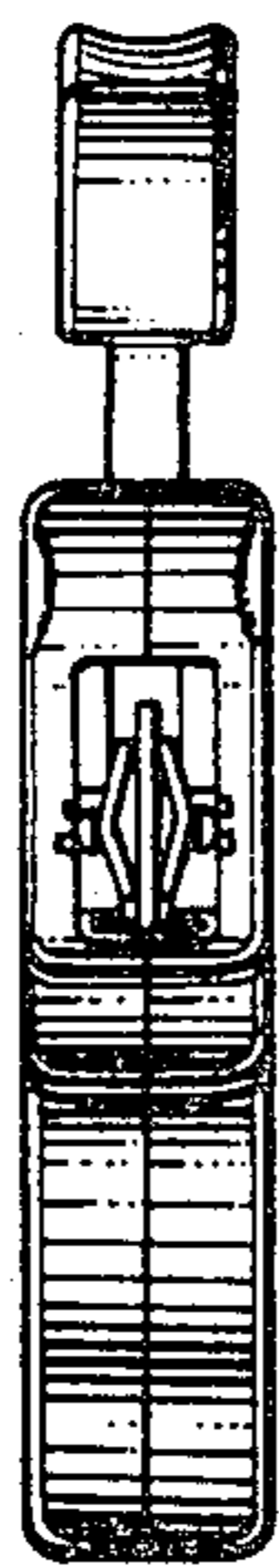


FIG. 6



FIG. 3

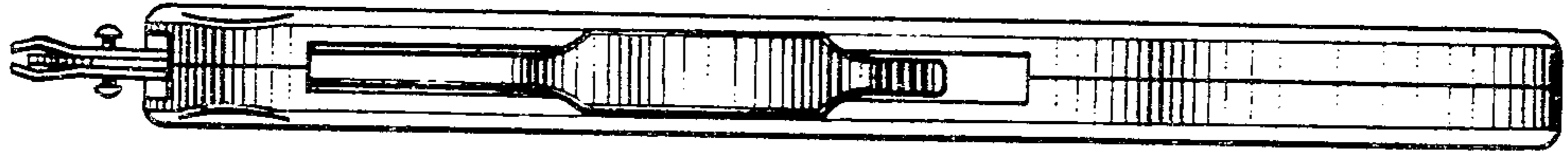


FIG. 2

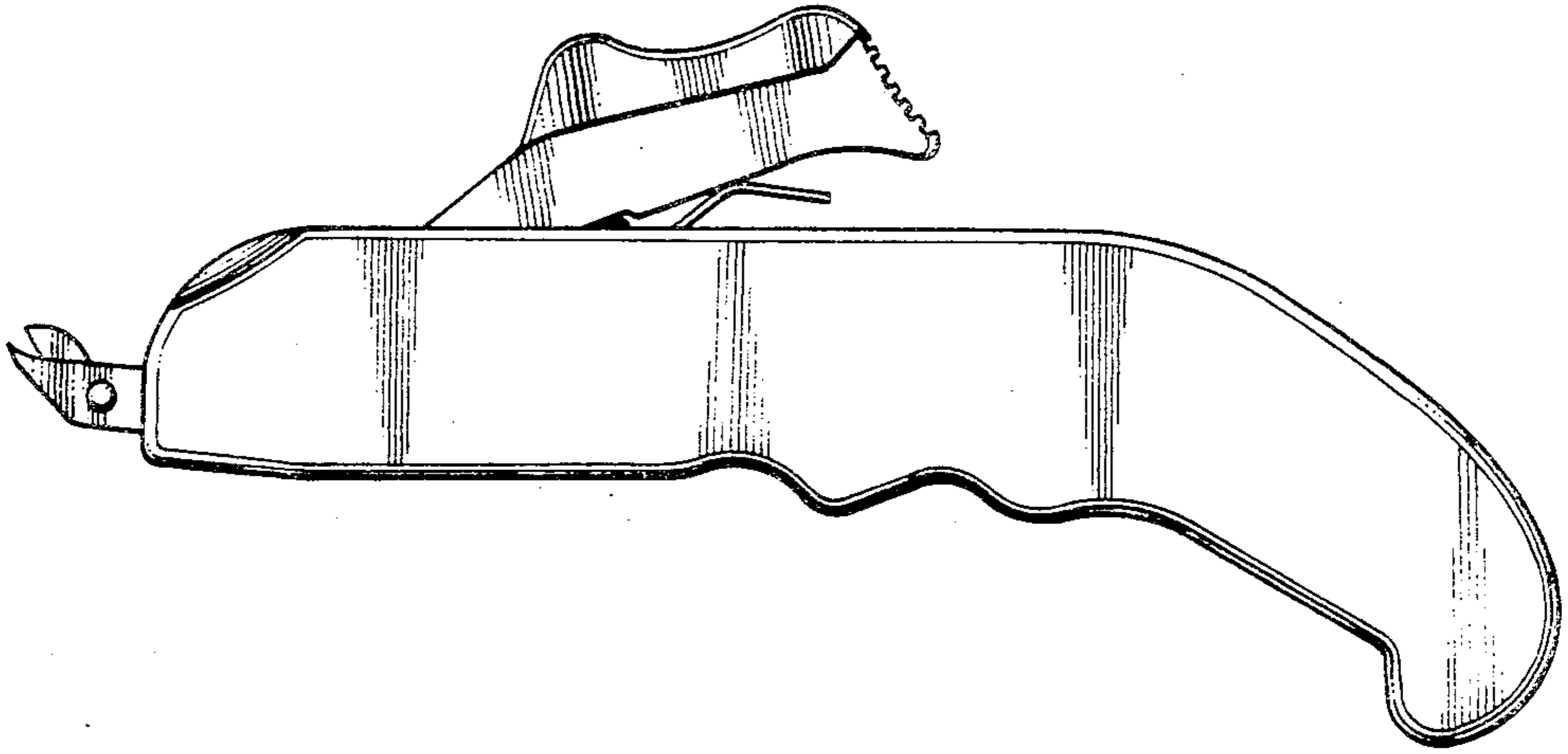


FIG. 4



FIG. 7

