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(12) **United States Design Patent** (10) **Patent No.: US D493,087 S**
Wong (45) **Date of Patent: ** Jul. 20, 2004**

(54) **MULTI-PURPOSE TOOL SET**

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(**) Term: **14 Years**

(21) Appl. No.: **29/171,990**

(22) Filed: **Dec. 1, 2002**

(51) **LOC (7) Cl.** **08-03**
(52) **U.S. Cl.** **D8/105**; D8/99
(58) **Field of Search** D8/14, 55, 21–23, D8/83, 85, 87, 93–94, 99, 104–105, 107, 97, 51–54, 57; 7/118, 128–129, 134, 131, 135, 142, 132, 163, 162, 164, 144; 30/169, 123, 154–155, 186, 191; 81/440, 427.5, 416

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,788,656	A	*	1/1931	Brown	7/106
D195,411	S	*	6/1963	Henry et al.	D22/150
D197,647	S	*	3/1964	Feist	D8/99
D230,696	S	*	3/1974	Evrell	D8/99
D279,447	S	*	7/1985	Gangelhoff et al.	D7/649
4,805,303	A	*	2/1989	Gibbs	30/161
D307,702	S	*	5/1990	Hsu	D8/97
D308,009	S	*	5/1990	Evrell	D8/99
D371,288	S	*	7/1996	Thompson	D8/99
5,542,139	A	*	8/1996	Boivin	7/118
5,727,319	A	*	3/1998	Myerchin et al.	30/123
D447,925	S	*	9/2001	Osborne	D8/107
6,481,034	B2	*	11/2002	Elsener et al.	7/118

* cited by examiner

Primary Examiner—Nelson C. Holtje

(57) **CLAIM**

The ornamental design for a multi-purpose tool set, as shown and described.

DESCRIPTION

The claimed too set is a portable tool with interchangeable blades for cutting purposes, including an ordinary blade for general cutting purposes and a special blade for fishing purposes such as cutting fish lines and removing scales from fish. The tool set also conceals a pair of small implements such as any two of a knife, a fork or a pair of scissors or a bottle opener or a peeler, which can be taken out from the tool set for use.

FIG. **1** is a front elevational view of a multi-purpose tool set with a blade and two implements showing my new design;
FIG. **2** is a rear elevational view thereof;
FIG. **3** is a left side view thereof;
FIG. **4** is a right side view thereof;
FIG. **5** is a top plan view thereof;
FIG. **6** is a bottom plan view thereof;
FIG. **7** is a front elevational view thereof with the first blade being partially pulled out for use;
FIG. **8** is a front elevational view thereof with the blade being fully pulled out for use;
FIG. **9** is a rear elevational view thereof with the blade being fully pulled out for use;
FIG. **10** is a right side view thereof with the blade being fully pulled out for use;
FIG. **11** is a left side view thereof with the blade being fully pulled out for use;
FIG. **12** is a top plan view thereof with the blade being fully pulled out for use;
FIG. **13** is a bottom plan view thereof with the first blade being fully pulled out for use;
FIG. **14** is a front elevational view thereof showing the first blade fully removed;
FIG. **15** is a rear elevational view of the tool with no blade;
FIG. **16** is a top plan view of FIG. **14**;
FIG. **17** is a bottom plan view of FIG. **15**;
FIG. **18** is a right side elevational view of FIG. **14**;
FIG. **19** is a left side elevational view of FIG. **14**;
FIG. **20** is a front elevational view of the second blade of the set;
FIG. **21** is a front elevational view of the third blade of the set;
FIG. **22** is a front elevational view of the fourth blade of the set;
FIG. **23** is a front elevational view of the multi-purpose tool with the second blade partially pulled out;

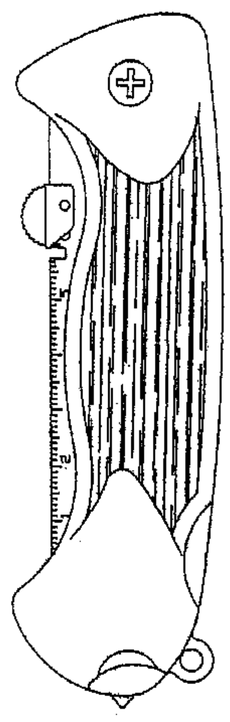

FIG. **24** is a front elevational view of FIG. **23** with the second blade fully pulled out;
FIG. **25** is a rear elevational view of FIG. **24**;
FIG. **26** is a right side elevational view of FIG. **24**;
FIG. **27** is a left side elevational view of FIG. **24**;
FIG. **28** is a top plan view of FIG. **24**;
FIG. **29** is a bottom plan view of FIG. **24**;
FIG. **30** is a front side elevational view of FIG. **1** with the implements partially pulled out;
FIG. **31** is a rear side elevational view of FIG. **1** with the implements partially pulled out;
FIG. **32** is a right side elevational view of FIG. **30**;
FIG. **33** is a left side elevational view of FIG. **30**;
FIG. **34** is a right side elevational view of FIG. **32** with the first and second implements fully pulled out;
FIG. **35** is a left side elevational view of FIG. **32** with the first and second implements fully pulled out;
FIG. **36** is an exploded front elevational view of FIG. **30** with the implements fully pulled out and turned 90 degrees;
FIG. **37** is an exploded rear elevational view of FIG. **30** with the implements fully pulled out and turned 90 degrees;
FIG. **38** is a top plan view of the implements of FIG. **36**;
FIG. **39** is a bottom plan view of the implements of FIG. **37**;
FIG. **40** is a front elevational view of a third implement of the tool set;
FIG. **41** is a front elevational view of a fourth implement of the tool set;
FIG. **42** is a front elevational view of a fifth implement of the tool set; and,
FIG. **43** is a front elevational view of a sixth implement of the tool set.

1 Claim, 4 Drawing Sheets

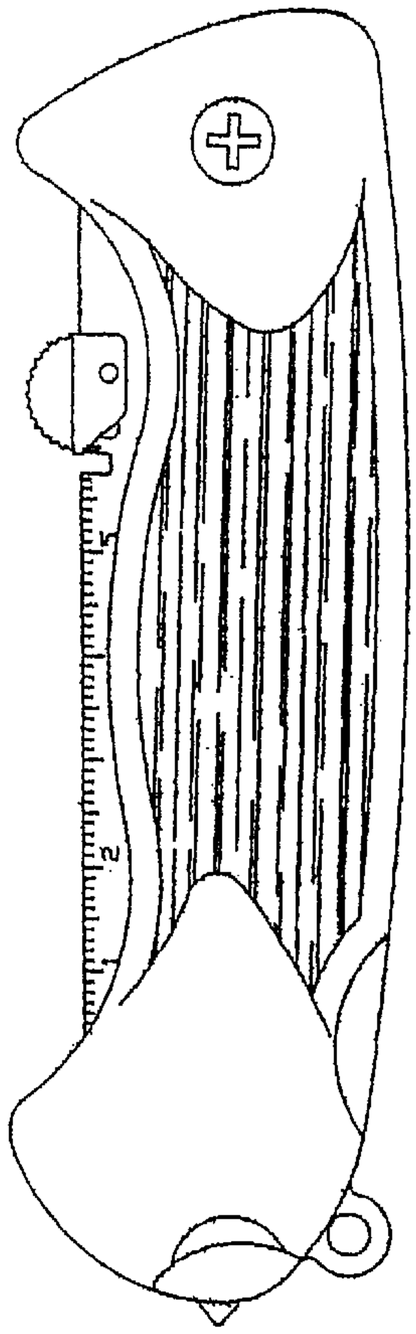

FIG. 1

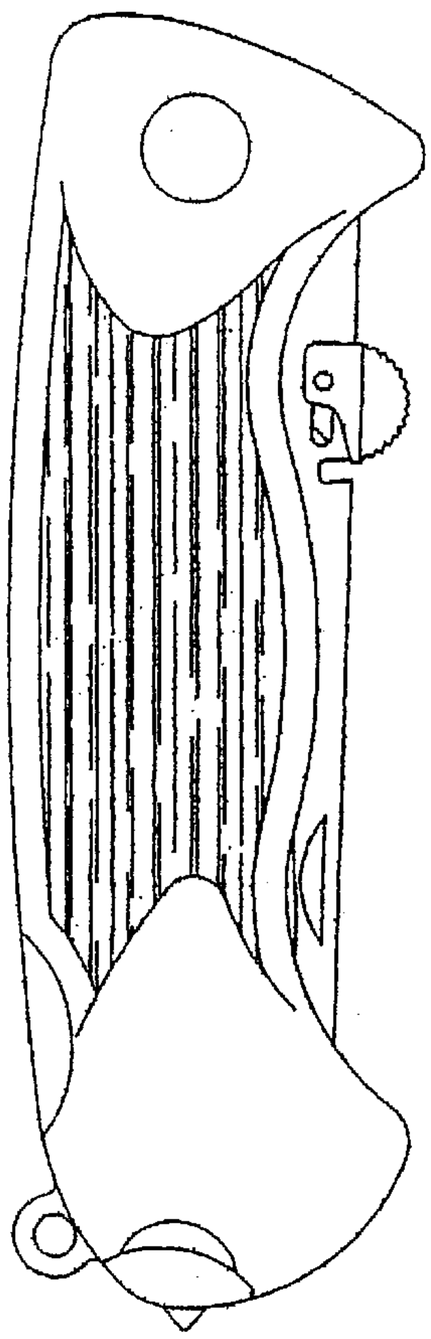

FIG. 2

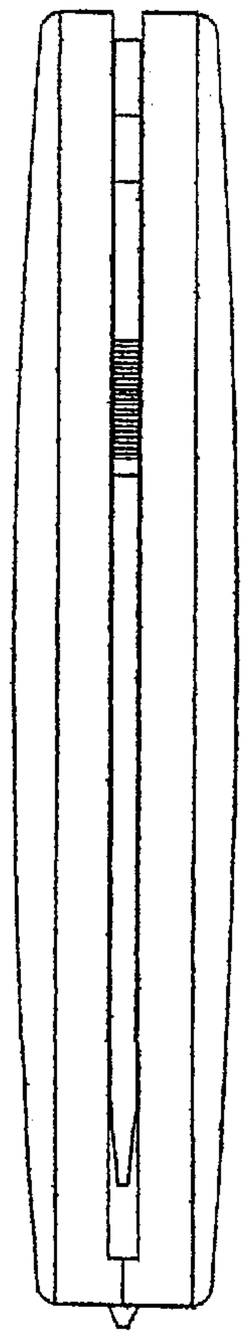

FIG. 3

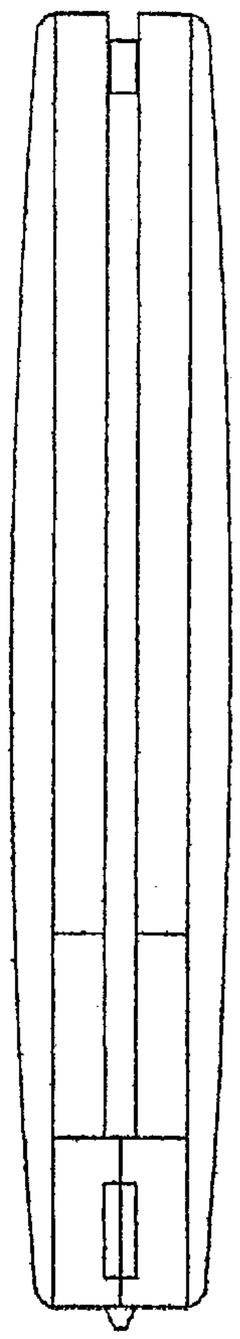

FIG. 4

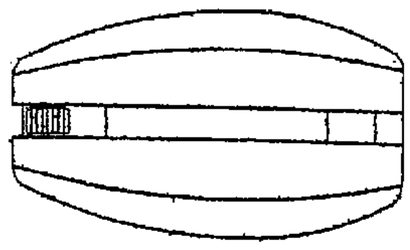

FIG. 5

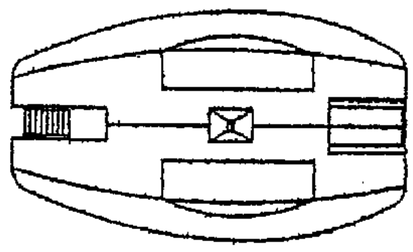

FIG. 6

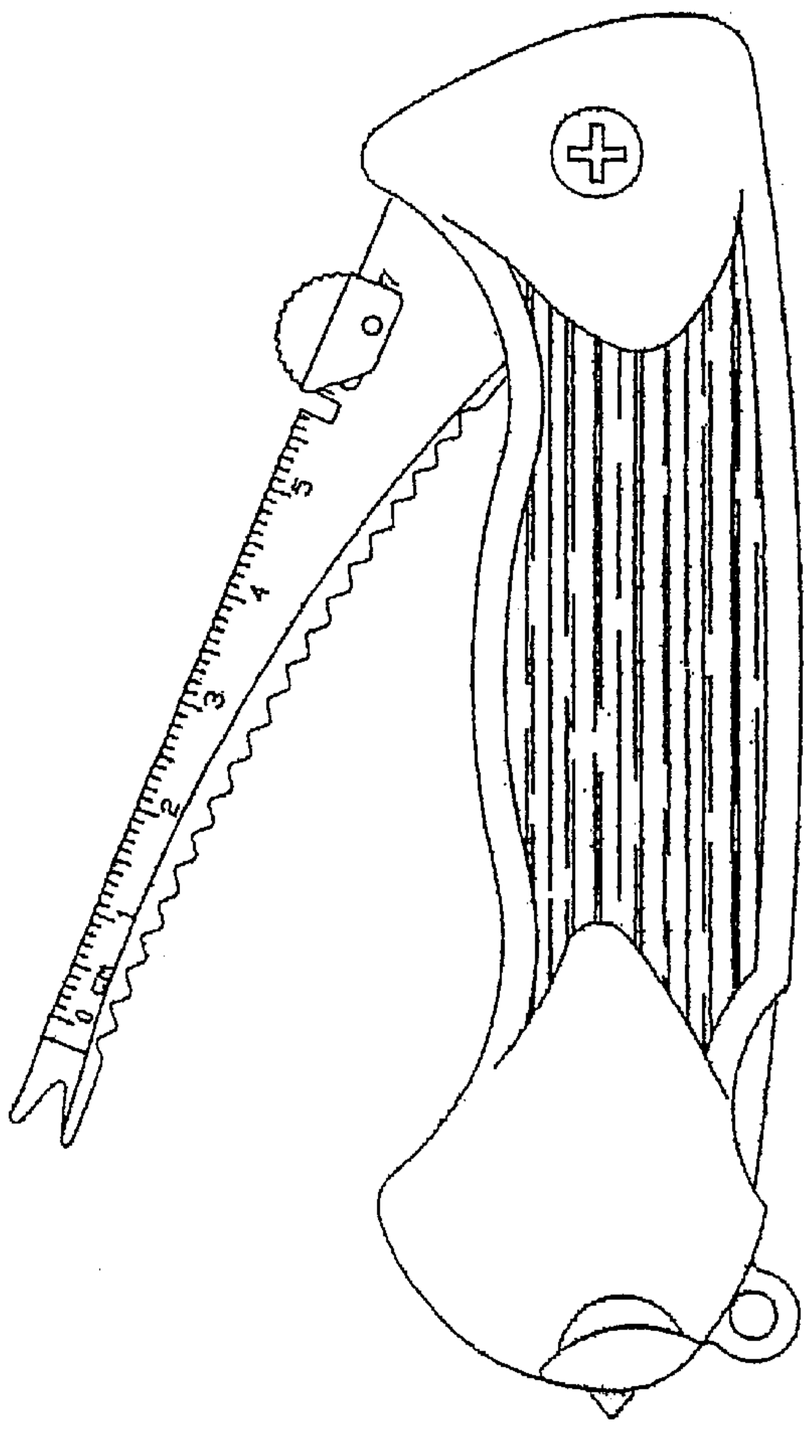

FIG. 7

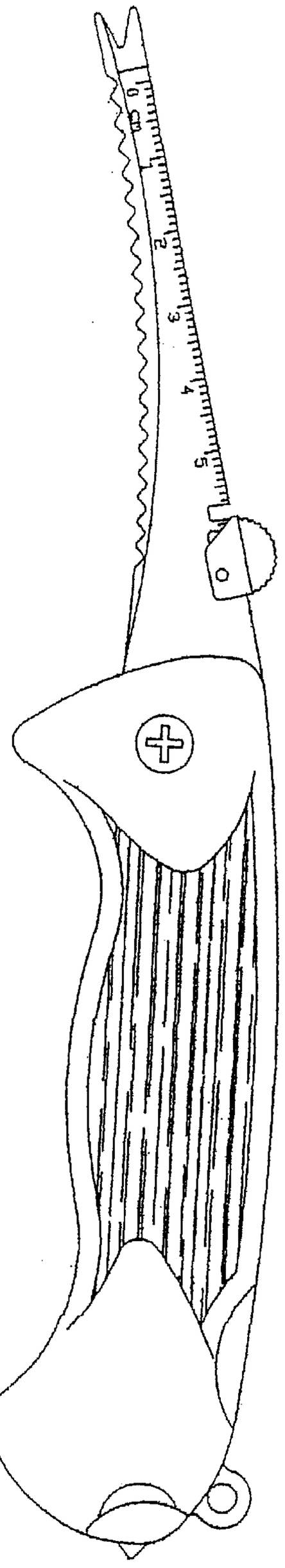

FIG. 8

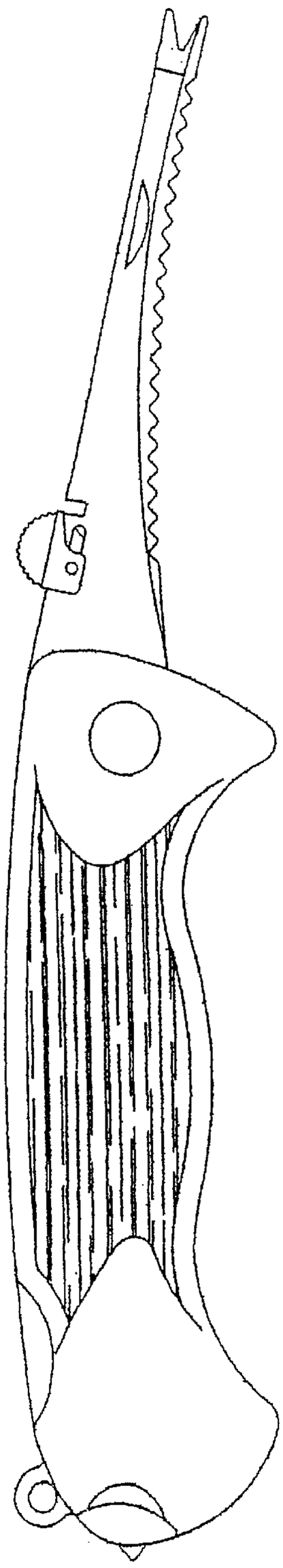

FIG. 9

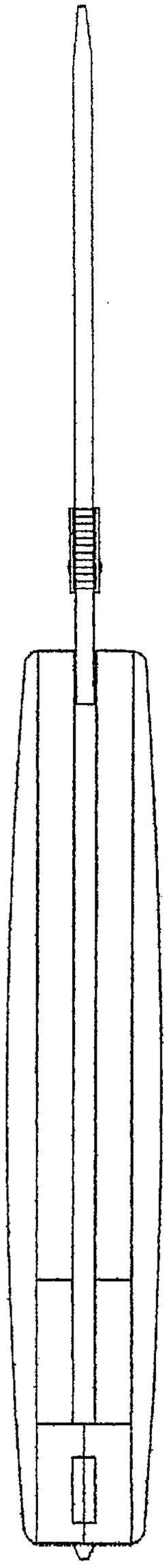

FIG. 10

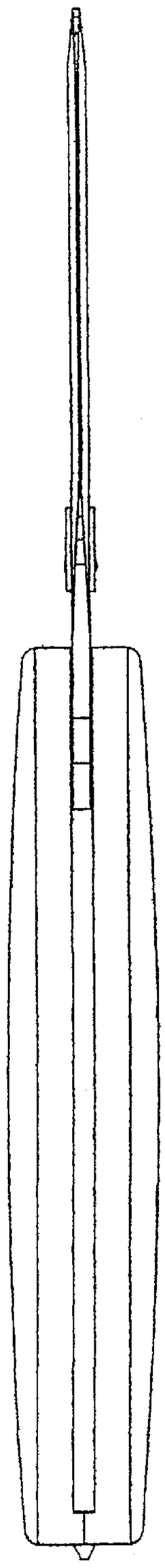

FIG. 11

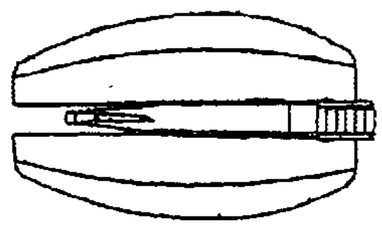

FIG. 12

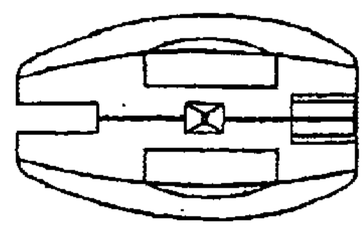

FIG. 13

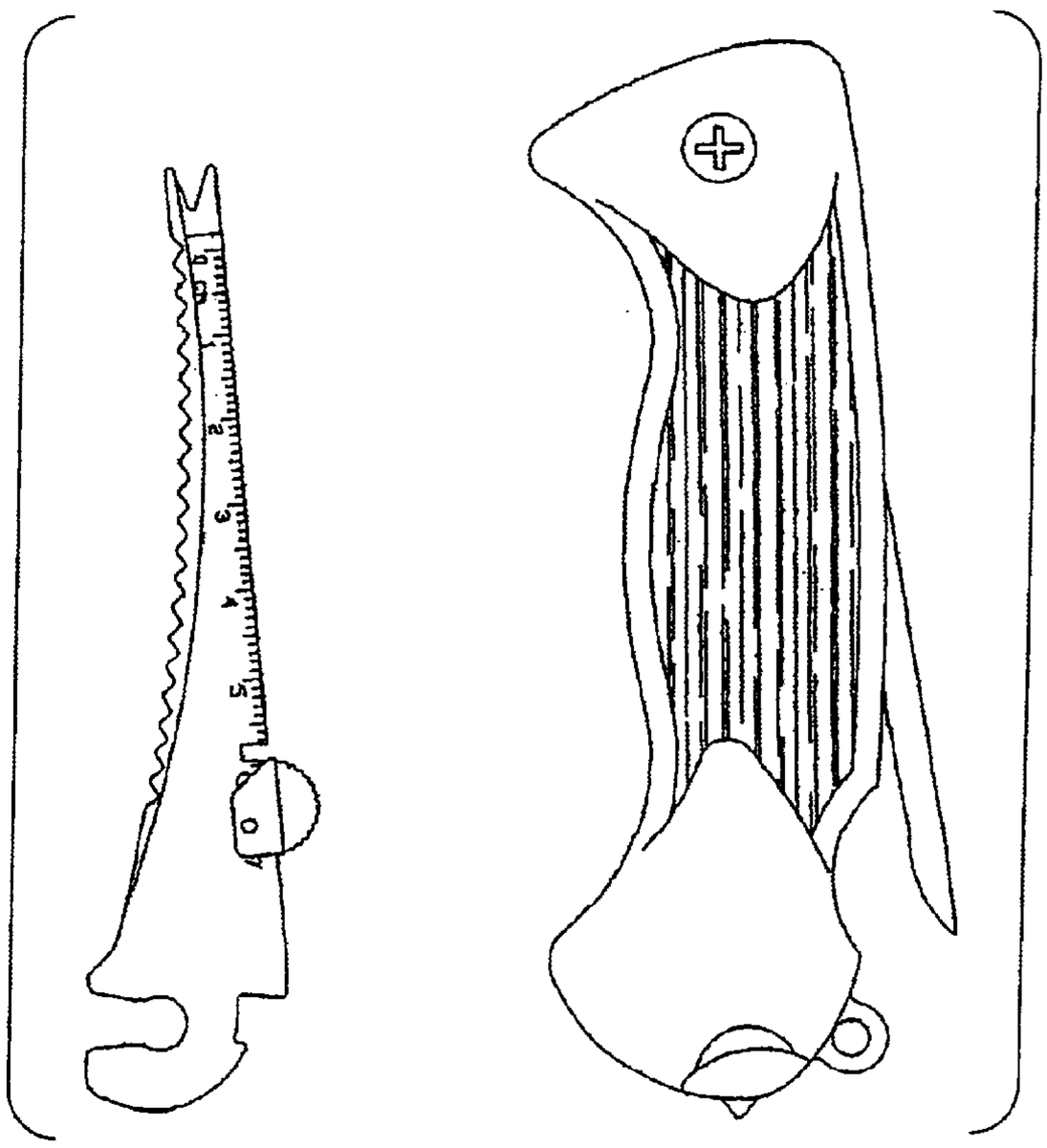

FIG. 14

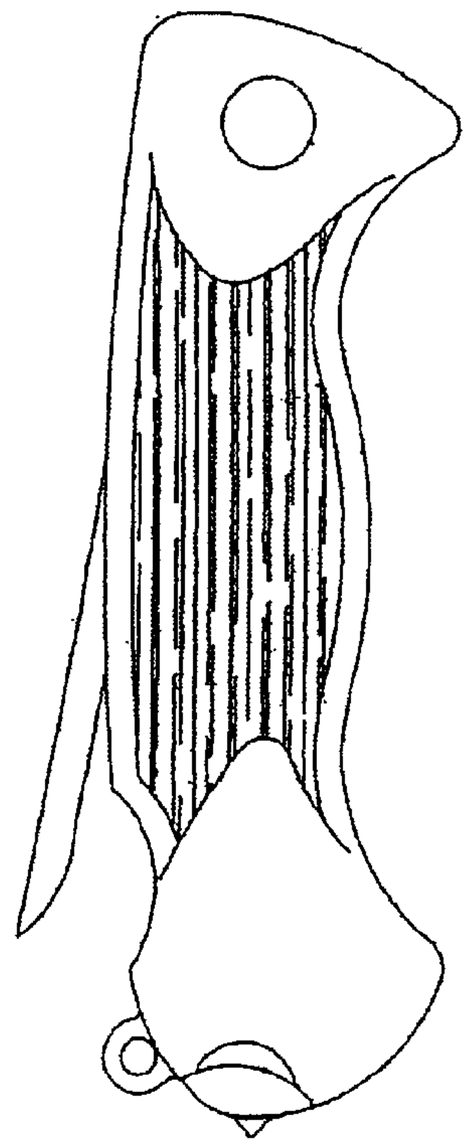

FIG. 15