



US00D722163S

(12) **United States Design Patent**  
**Hasebe**

(10) **Patent No.:** **US D722,163 S**

(45) **Date of Patent:** **\*\* Feb. 3, 2015**

(54) **SURGICAL KNIFE**

(75) Inventor: **Kazuyuki Hasebe**, Seki (JP)

(73) Assignee: **Kai R&D Center Co., Ltd.**, Gifu-ken (JP)

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

(21) Appl. No.: **29/403,794**

(22) Filed: **Oct. 11, 2011**

(30) **Foreign Application Priority Data**

Apr. 28, 2011 (JP) ..... 2011-009892  
(51) **LOC (10) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/147**

(58) **Field of Classification Search**

USPC ..... D24/146, 147, 144, 133, 150; 606/4-6,  
606/166-167, 161, 107, 183; D8/20, 98;  
D11/90; 30/348, 353, 294, 346.55,  
30/346.56

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,217,476	A *	6/1993	Wishinsky	606/167
5,217,477	A *	6/1993	Lager	606/167
5,258,002	A *	11/1993	Jeffers et al.	606/167
5,336,235	A *	8/1994	Myers	606/166
5,352,233	A *	10/1994	Anis	606/167
5,370,652	A *	12/1994	Kellan	606/166
D370,532	S *	6/1996	Epstein et al.	D24/146
5,619,889	A *	4/1997	Jones et al.	76/104.1
D405,178	S *	2/1999	Dykes	D24/146
6,056,764	A *	5/2000	Smith	606/167
6,099,543	A *	8/2000	Smith	606/167
6,139,559	A *	10/2000	Nordan et al.	606/166
RE37,304	E *	7/2001	Van Heugten et al.	606/167
6,554,840	B2 *	4/2003	Matsutani et al.	606/107
D535,747	S *	1/2007	Isogimi	D24/146

(Continued)

**FOREIGN PATENT DOCUMENTS**

JP	1214559	8/2004
JP	1305473	7/2007
JP	1404730	1/2011

*Primary Examiner* — Ian Simmons

*Assistant Examiner* — Carissa C Fitts

(74) *Attorney, Agent, or Firm* — Fish & Richardson P.C.

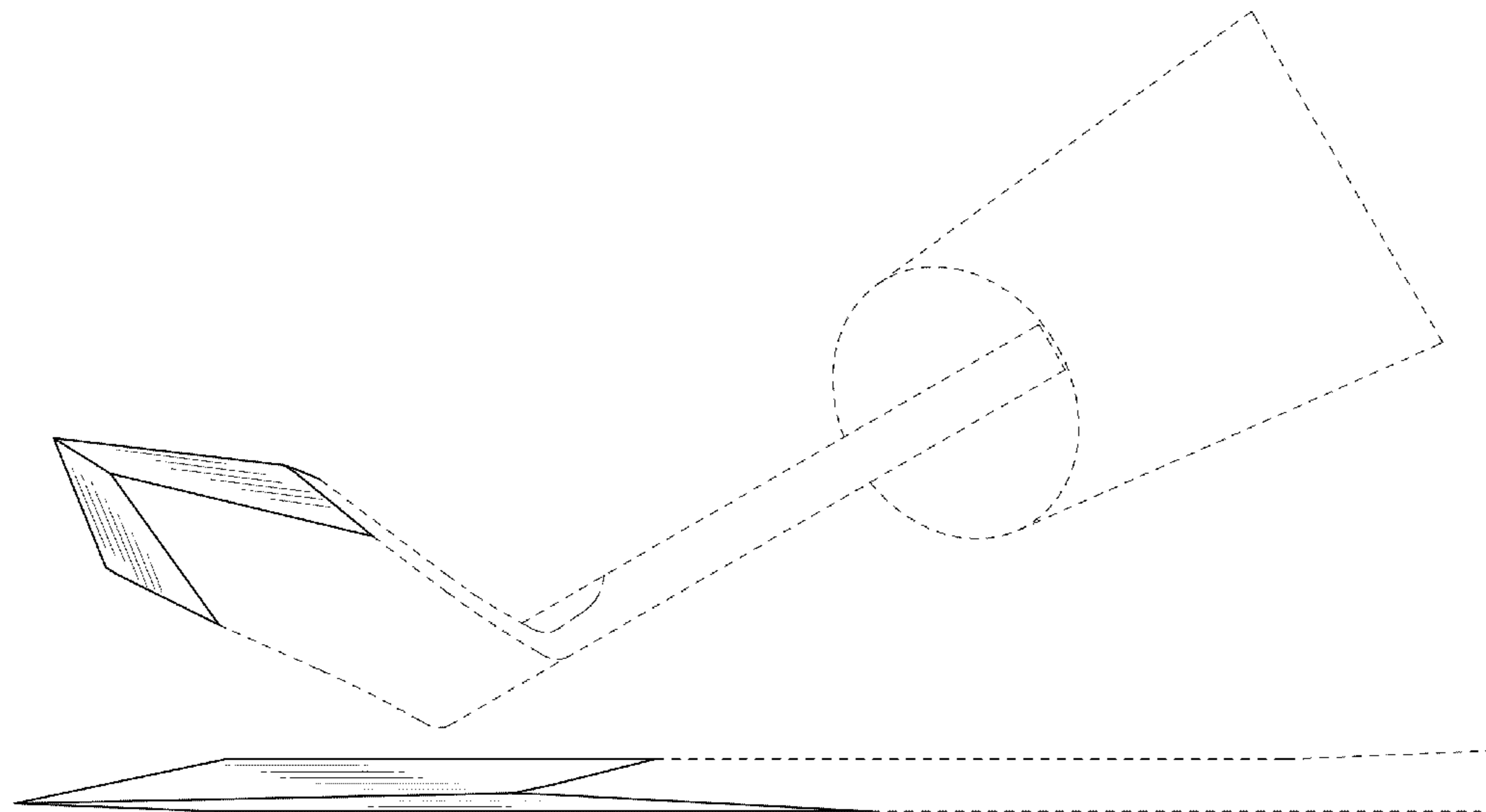
(57) **CLAIM**

The ornamental design for a surgical knife, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a surgical knife showing my new design;  
 FIG. 2 is a front elevational view thereof, the rear elevational view being a mirror image of FIG. 2;  
 FIG. 3 is a top plan view thereof;  
 FIG. 4 is a bottom plan view thereof;  
 FIG. 5 is a right side elevational view thereof;  
 FIG. 6 is a left side elevational view thereof;  
 FIG. 7 is an enlarged view of the portion indicated by line 7-7 in FIG. 1;  
 FIG. 8 is an enlarged view of the portion indicated by line 8-8 in FIG. 2;  
 FIG. 9 is an enlarged view of the portion indicated by line 9-9 in FIG. 3;  
 FIG. 10 is an enlarged view of the portion indicated by line 10-10 in FIG. 4;  
 FIG. 11 is an enlarged view of the portion indicated by line 11-11 in FIG. 5; and,  
 FIG. 12 is an enlarged view of the portion indicated by line 12-12 in FIG. 6.  
 The features shown in broken lines in the drawings depict environmental subject matter only and form no part of the claimed design.

**1 Claim, 10 Drawing Sheets**



(56)

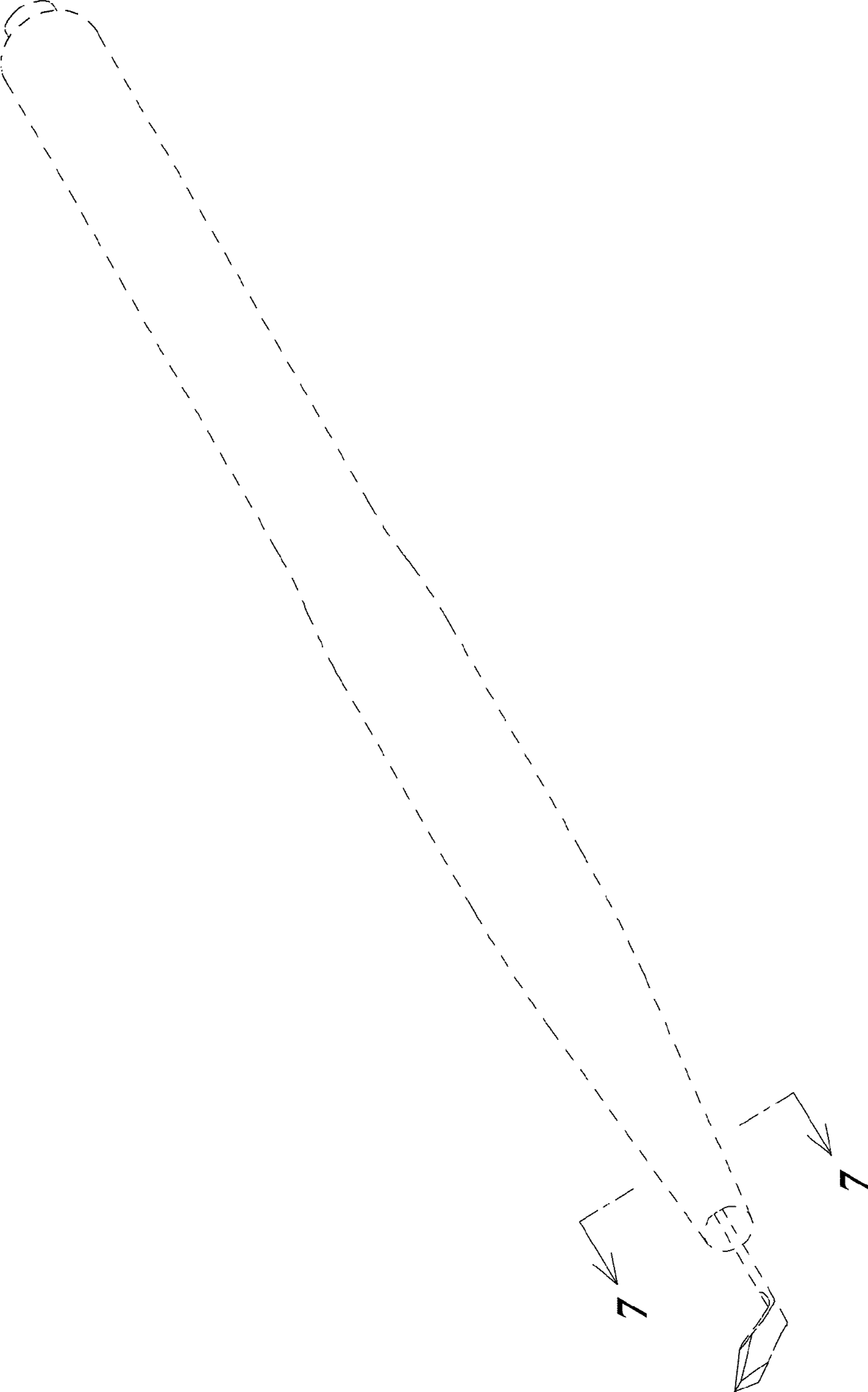
**References Cited**

U.S. PATENT DOCUMENTS

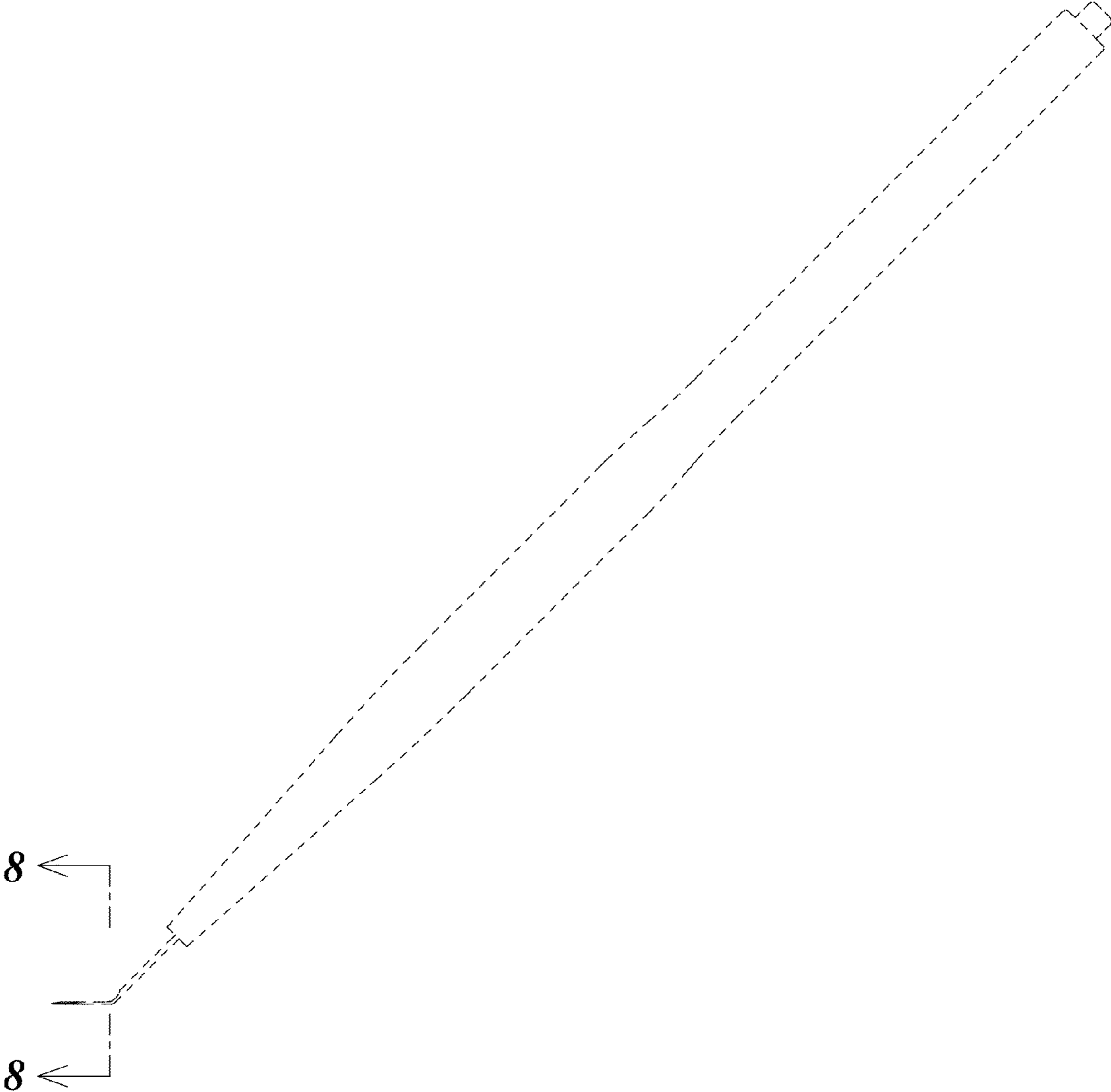
7,465,310 B2 *	12/2008	Isogimi .....	606/167	8,080,028 B2 *	12/2011	Cagle .....	606/167
7,648,516 B2 *	1/2010	Matsutani et al. ....	606/167	D669,988 S *	10/2012	Packard et al. ....	D24/147
8,080,027 B2 *	12/2011	Kozlowski .....	606/166	8,323,301 B2 *	12/2012	Saito et al. ....	606/167
				D679,397 S *	4/2013	Packard et al. ....	D24/146

\* cited by examiner

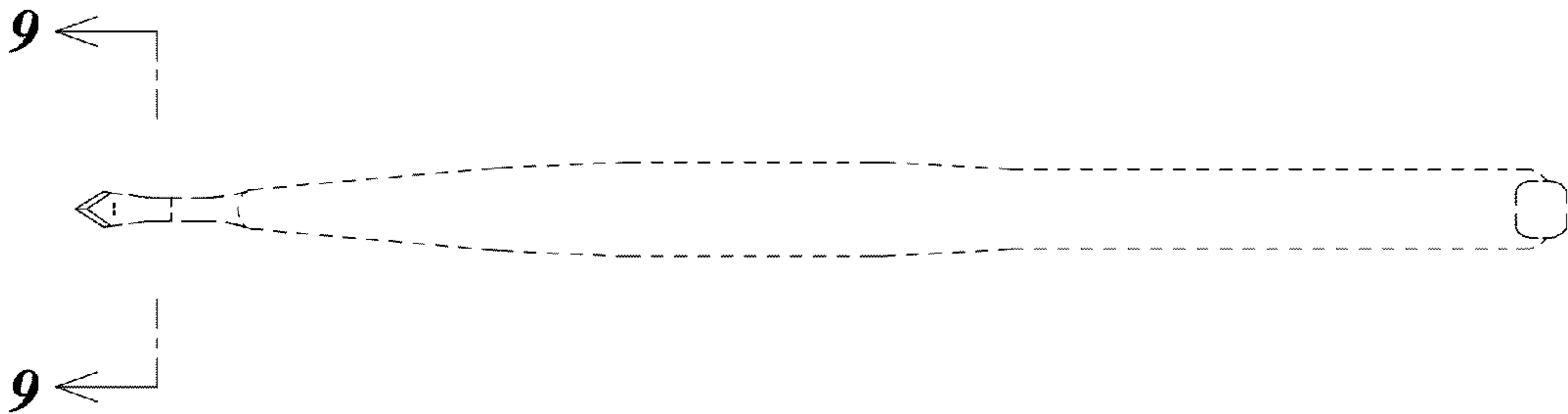
**FIG. 1**



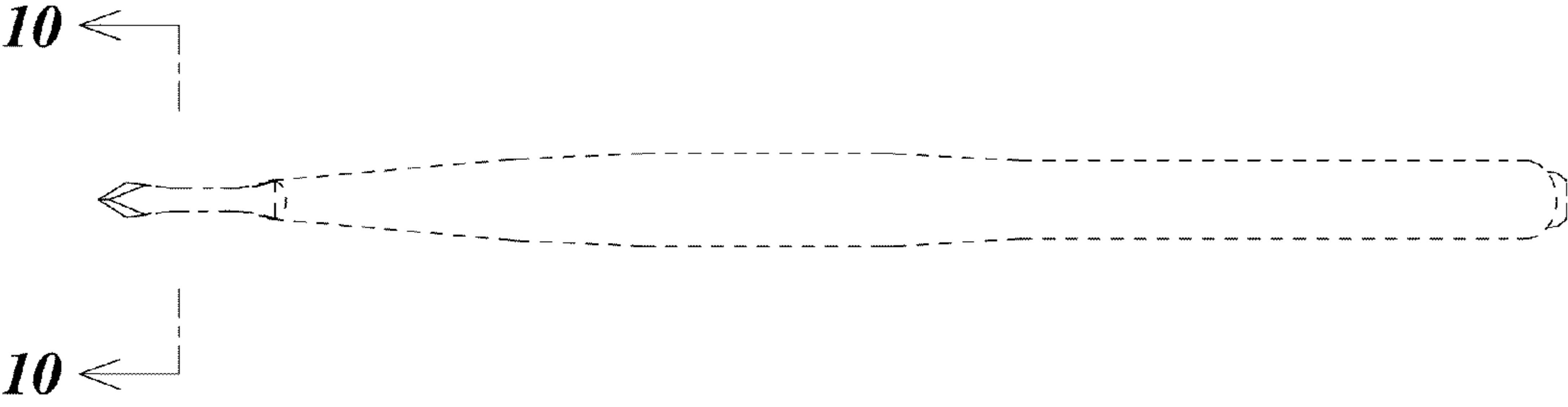
**FIG. 2**



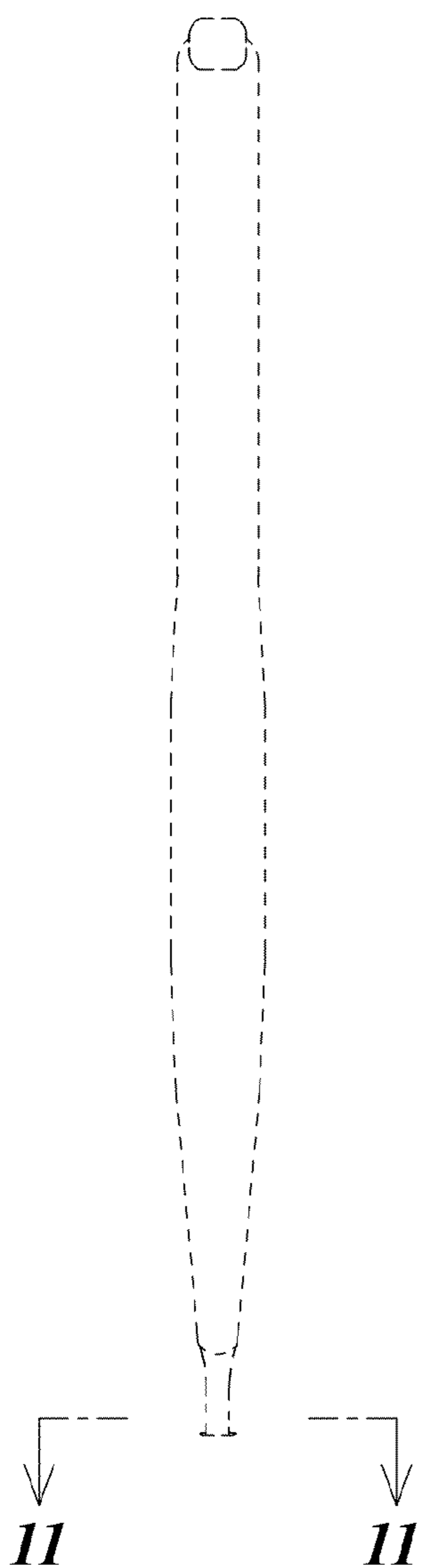
**FIG. 3**



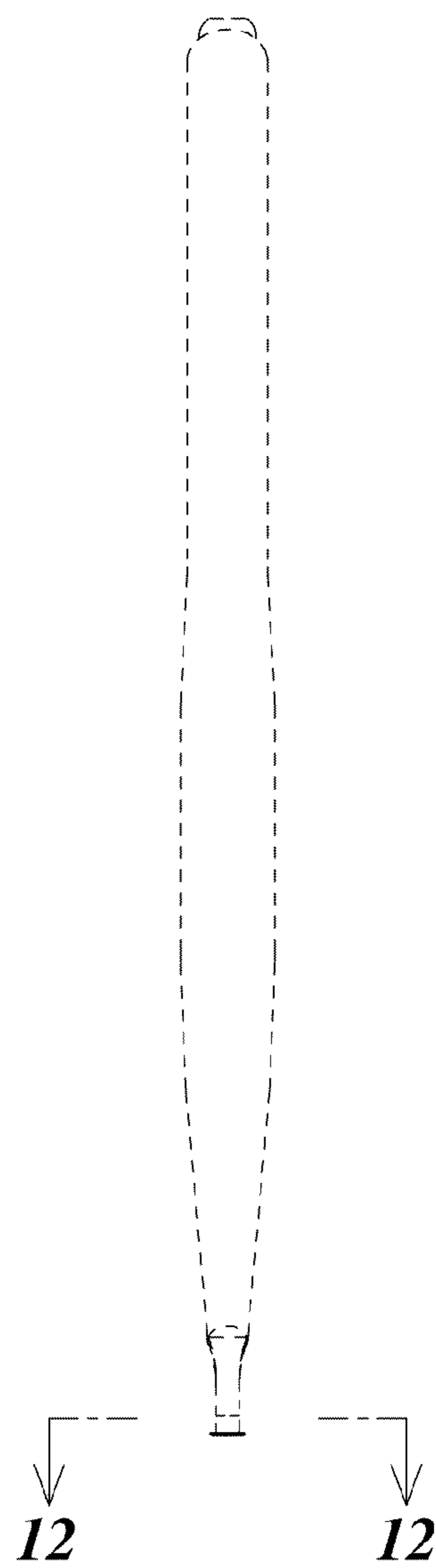
**FIG. 4**



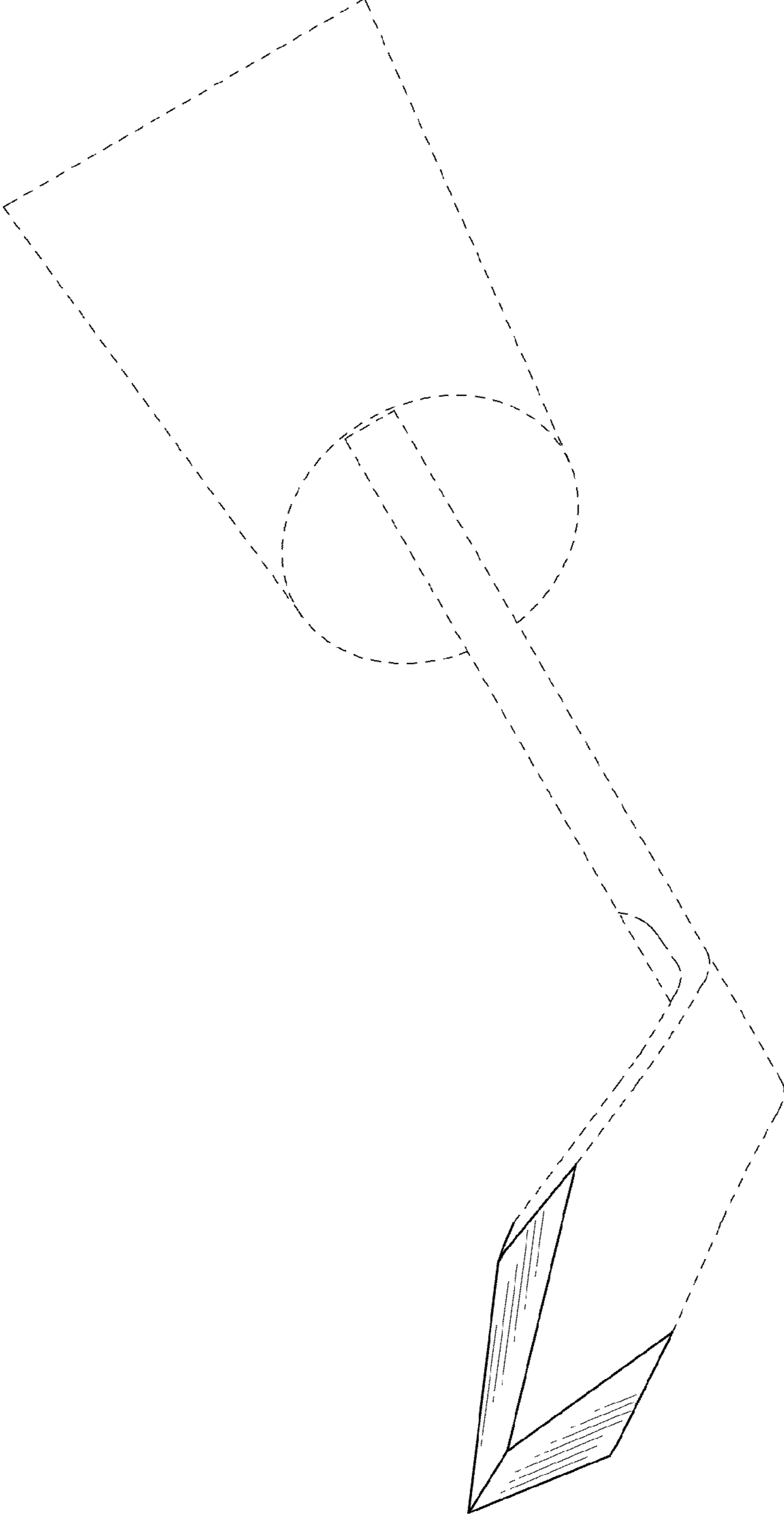
**FIG. 5**



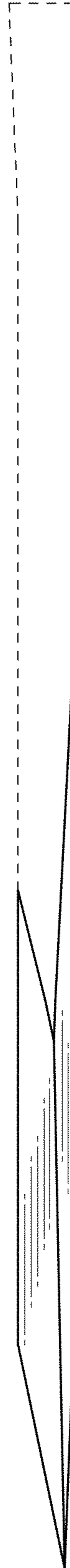
**FIG. 6**



**FIG. 7**

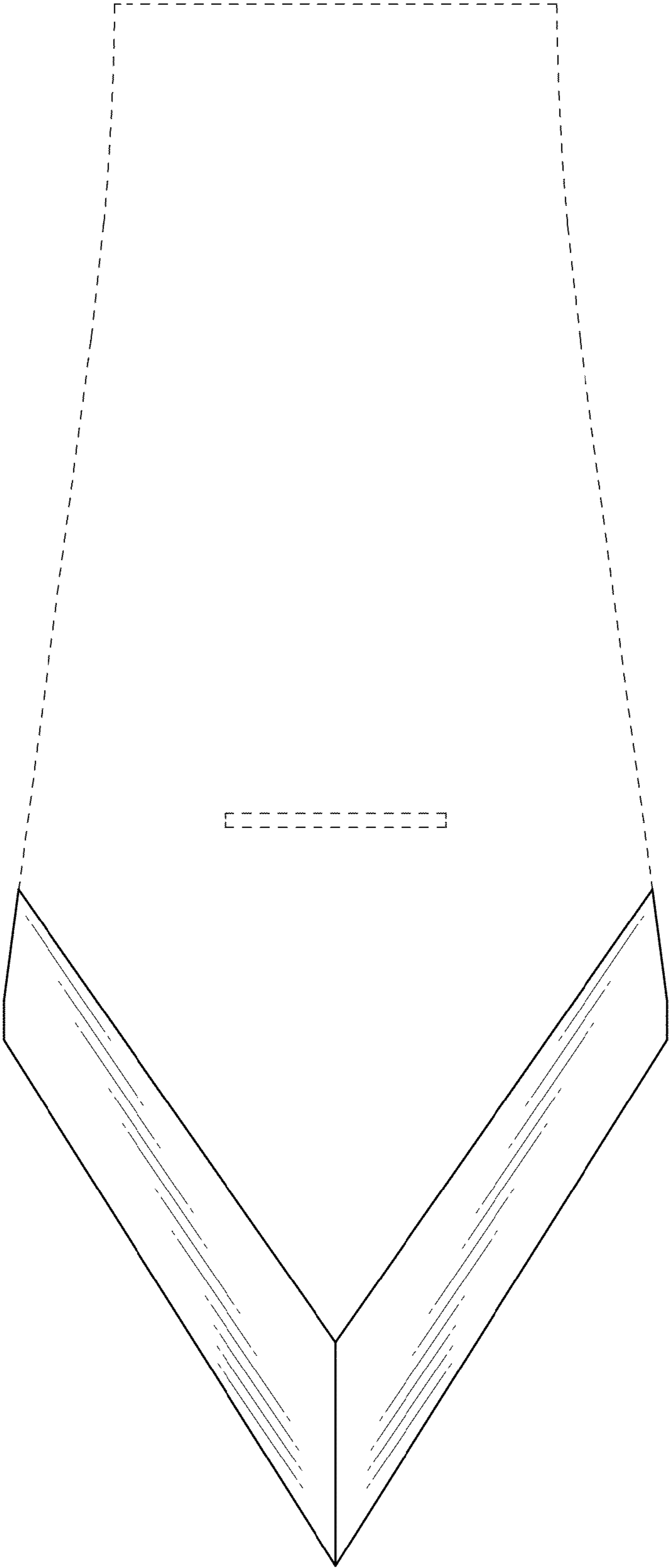


*FIG. 8*

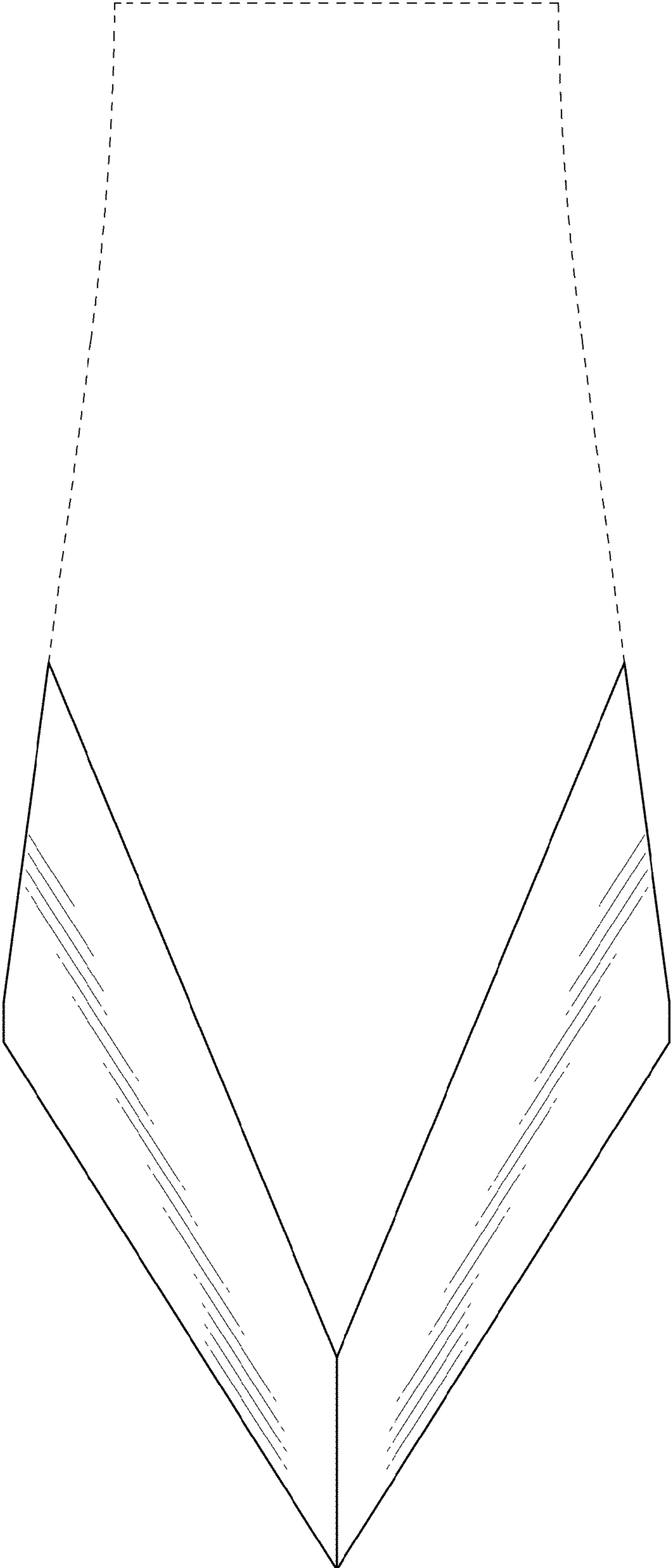




**FIG. 9**



**FIG. 10**



**FIG. 11**



**FIG. 12**

