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(12) **United States Design Patent**  
**Van Haaster**

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- (54) **RIDGE-SHANK NAIL**
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- (72) Inventor: **Martin Van Haaster**, New Hampton, NY (US)
- (\*\*) Term: **15 Years**
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- (51) **LOC (13) Cl.** ..... **08-08**
- (52) **U.S. Cl.**  
USPC ..... **D8/391**
- (58) **Field of Classification Search**  
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CPC ..... F16B 15/00; F16B 13/02; F16B 15/02;  
F16B 15/04; F16B 15/06; F16B 15/08;  
Y10S 411/923  
See application file for complete search history.

- D386,652 S \* 11/1997 Rimback ..... D8/1
- 5,755,545 A \* 5/1998 Banks ..... F16B 15/02  
411/482
- D418,400 S \* 1/2000 Juska ..... D8/391
- 6,511,252 B1 \* 1/2003 Andros ..... F16B 15/06  
403/283
- D564,345 S \* 3/2008 Prada ..... D8/391
- D572,323 S \* 7/2008 Merullo ..... D21/718
- D624,810 S \* 10/2010 Vosbikian ..... D8/391
- D716,644 S \* 11/2014 Daniels ..... D8/391

(Continued)

**FOREIGN PATENT DOCUMENTS**

- CN 303975677 \* 12/2016
- CN 303975678 \* 12/2016
- CN 3180581 \* 3/2021

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(57) **CLAIM**

The ornamental design for a ridge-shank nail, as shown and described.

(56) **References Cited**

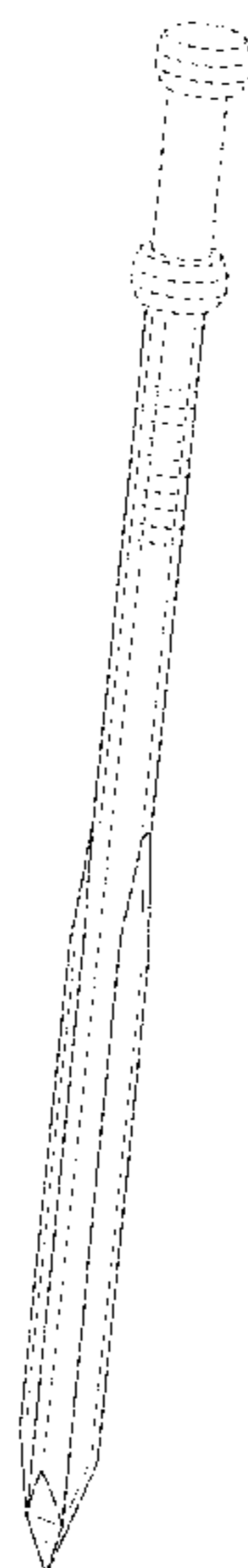
**U.S. PATENT DOCUMENTS**

- 1,933,317 A \* 10/1933 Curtis ..... F16B 15/06  
411/451.3
- 2,014,746 A \* 9/1935 Robergel ..... B21G 3/005  
470/34
- 3,096,680 A \* 7/1963 Dudgeon ..... F16B 15/02  
411/480
- 4,637,768 A \* 1/1987 Rabe ..... F16B 15/00  
411/452
- D296,188 S \* 6/1988 Herzog ..... D8/387
- 4,781,508 A \* 11/1988 Schroeder ..... E04B 1/7629  
411/452
- 4,973,211 A \* 11/1990 Potucek ..... F16B 15/06  
411/452
- 4,979,859 A \* 12/1990 Castleberry ..... A47G 27/0462  
16/16
- D346,190 S \* 4/1994 Folker ..... D21/718
- 5,588,788 A \* 12/1996 Dominguez ..... F16B 15/02  
411/482

**DESCRIPTION**

FIG. 1 is a perspective view of the ridge-shank nail; FIG. 2 is a front view thereof; FIG. 3 is a back view thereof; FIG. 4 is a left side view thereof; FIG. 5 is a right side view thereof; FIG. 6 is a top view thereof; FIG. 7 is a bottom view thereof; and, FIG. 8 is an enlarged bottom view thereof. The broken lines immediately adjacent the shaded areas represent the bounds of the claimed design while all other broken lines are directed to environment and are for illustrative purposes only; the broken lines form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D720,611	S *	1/2015	Hewitt	.....	D8/388
9,080,587	B1 *	7/2015	Smith	.....	F16B 15/06
D843,201	S *	3/2019	Morey	.....	D8/391
D856,788	S *	8/2019	Morey	.....	D8/391
2004/0136811	A1 *	7/2004	Tarlton	.....	F16B 15/00
					411/451.4
2007/0160442	A1 *	7/2007	Reynolds	.....	F16B 15/06
					411/451.1
2010/0212244	A1 *	8/2010	Yu	.....	E04F 13/045
					52/363
2013/0108396	A1 *	5/2013	Hung	.....	F16B 15/00
					411/451.1
2015/0071734	A1 *	3/2015	Vallejo	.....	F16B 15/06
					411/491
2017/0058520	A1 *	3/2017	Keith	.....	F16B 25/0015

\* cited by examiner

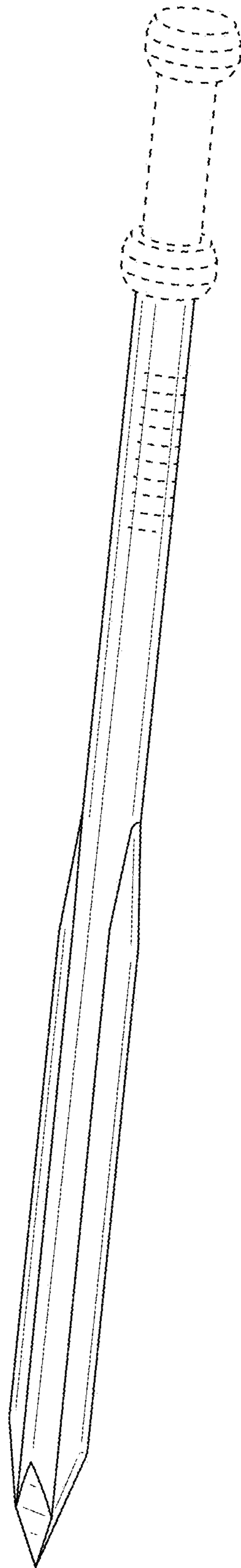


FIG. 1

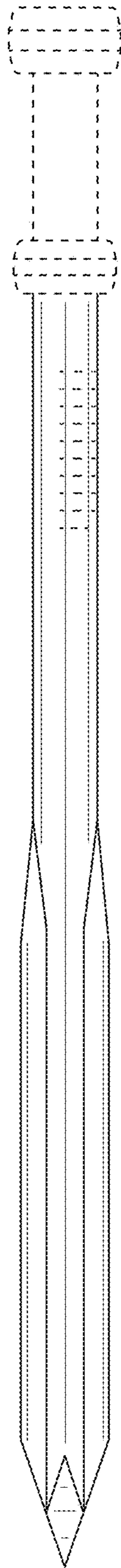


FIG. 2

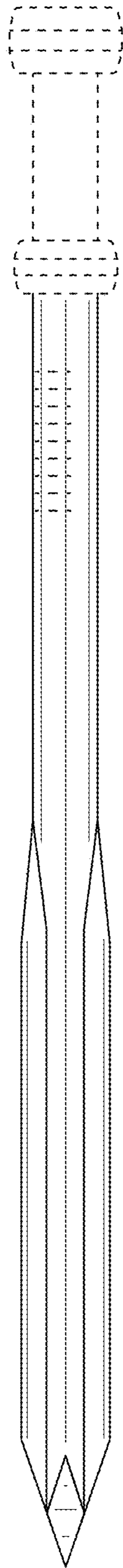


FIG. 3

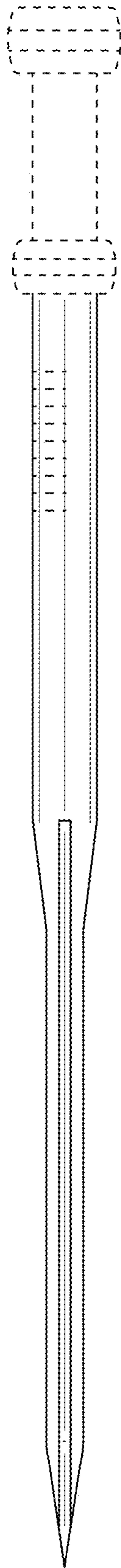


FIG. 4

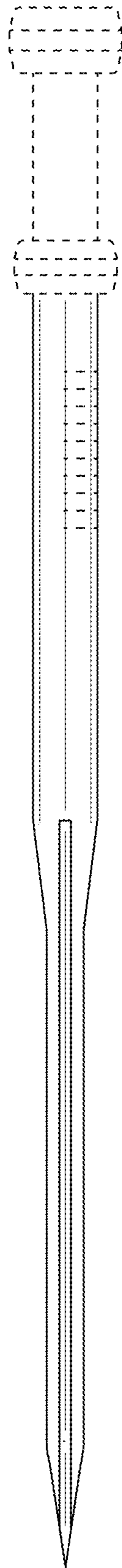


FIG. 5

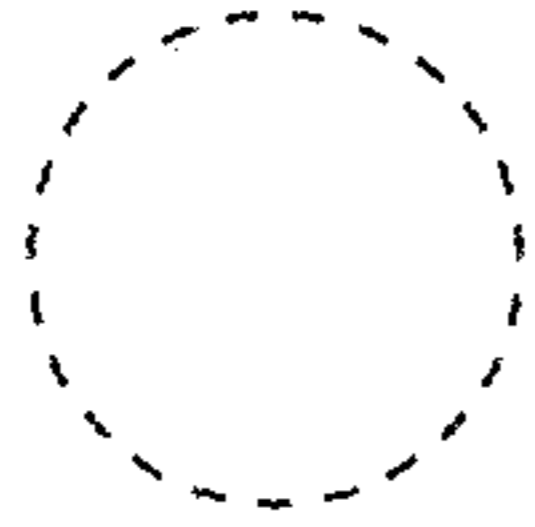


FIG. 6

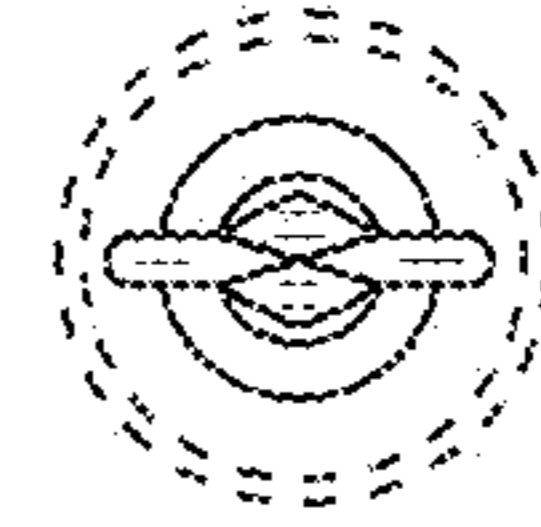


FIG. 7

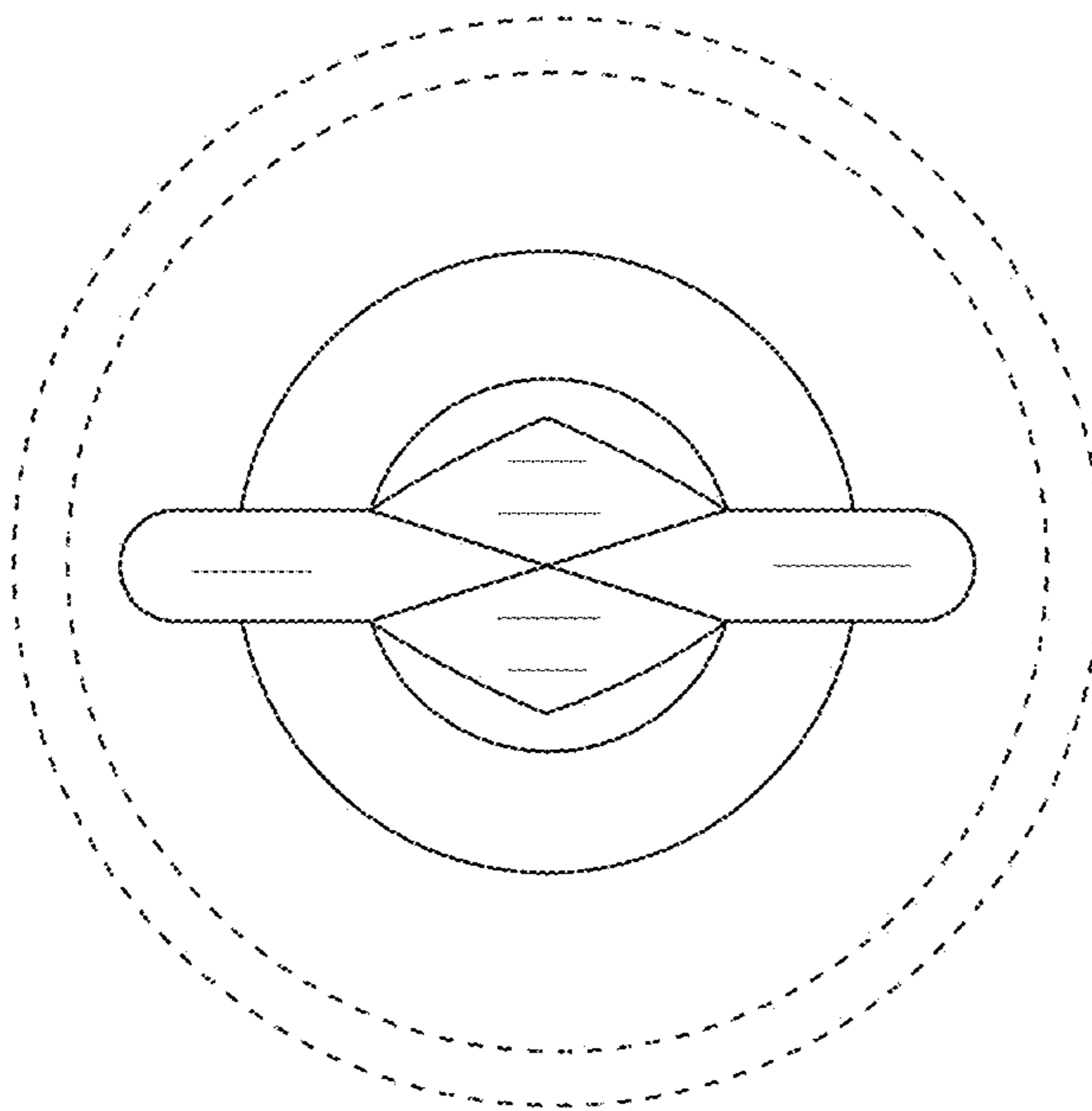


FIG. 8