

US00D907201S

(12) **United States Design Patent** (10) **Patent No.:** **US D907,201 S**
Pichot et al. (45) **Date of Patent:** **** Jan. 5, 2021**

(54) **NEEDLE**
(71) Applicant: **CSP TECHNOLOGIES, INC.**,
Auburn, AL (US)
(72) Inventors: **Herve Pichot**, Chennevieres-sur-Marne
(FR); **Jean-Pierre Giraud**, Auburn, AL
(US); **Franklin Lee Lucas, Jr.**,
Opelika, AL (US)

D274,651 S * 7/1984 De Vaughn D24/112
D286,570 S * 11/1986 Williams D24/112
4,707,337 A * 11/1987 Jeffs B01L 3/0275
422/525
D300,561 S * 4/1989 Asa D24/112
5,607,401 A 3/1997 Humphrey
D386,260 S * 11/1997 Polaniec D24/112
D416,625 S * 11/1999 Torti D24/222
D437,940 S * 2/2001 Rainin D24/222

(Continued)

(73) Assignee: **CSP TECHNOLOGIES, INC.**,
Auburn, AL (US)

FOREIGN PATENT DOCUMENTS

(**) Term: **15 Years**

DE 2164363 7/1973
DE 102009049153 A1 4/2011
WO 2016187557 A1 11/2016

(21) Appl. No.: **29/665,564**

Primary Examiner — Nathan M Johnston

(22) Filed: **Oct. 4, 2018**

(74) *Attorney, Agent, or Firm* — Mark T. Vogelbacker;
Eckert Seamans Cherin & Mellott, LLC

Related U.S. Application Data

(63) Continuation of application No.
PCT/US2018/026295, filed on Apr. 5, 2018.

(51) **LOC (13) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/130**

(58) **Field of Classification Search**
USPC D24/127–131, 112–114, 133, 186;
606/181, 185; 604/264, 523–528, 272,
604/187, 158, 164.01–164.11, 181, 184,
604/227; 600/101, 139, 143;
128/200.24, 207.14, 207.15
CPC B65D 51/002; B29C 45/0001; B29K
2077/10; B29K 2509/08; A61M 5/3291;
A61M 5/3286; A61M 5/002; A61M
5/3293; B29L 2031/759

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,512,569 A 6/1950 Saffir
D246,380 S * 11/1977 Boothby D24/222

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a needle of our new design;
FIG. 2 is another perspective view thereof;
FIG. 3 is a first elevation view thereof;
FIG. 4 is a second elevation view thereof;
FIG. 5 is a third elevation view thereof;
FIG. 6 is a fourth elevation view thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.

The dashed lines immediately adjacent to the shaded areas
in the figures represent the boundaries of the claimed design.
The dashed lines in the figures illustrate portions of the
design that form no part of the claimed design. None of the
broken lines form any part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D441,458	S *	5/2001	Petrek	D24/222
D448,853	S *	10/2001	Rainin	D24/222
D461,904	S *	8/2002	Petrek	D24/222
D465,853	S *	11/2002	Petersen	D24/222
D528,638	S *	9/2006	Zuk	D23/213
D624,653	S *	9/2010	Boillat	D24/133
D630,733	S *	1/2011	Ahlgren	D24/130
D663,042	S *	7/2012	Motadel	D24/222
D679,826	S *	4/2013	Ziegmann	D24/222
D679,828	S *	4/2013	Motadel	D24/222
D680,226	S *	4/2013	Motadel	D24/222
D700,318	S *	2/2014	Amoah	D24/112
D748,777	S *	2/2016	Uenishi	D24/130
D787,698	S *	5/2017	Staton	D24/222
D841,182	S *	2/2019	Mizutani	D24/222
D846,116	S *	4/2019	Naughton	D24/130
2009/0143767	A1 *	6/2009	Fentress	A61M 25/0009 604/523
2011/0060317	A1 *	3/2011	Frojd	A61M 25/0009 604/544
2012/0179096	A1	7/2012	Aeschlimann	
2015/0297837	A1	10/2015	Schraga	

* cited by examiner

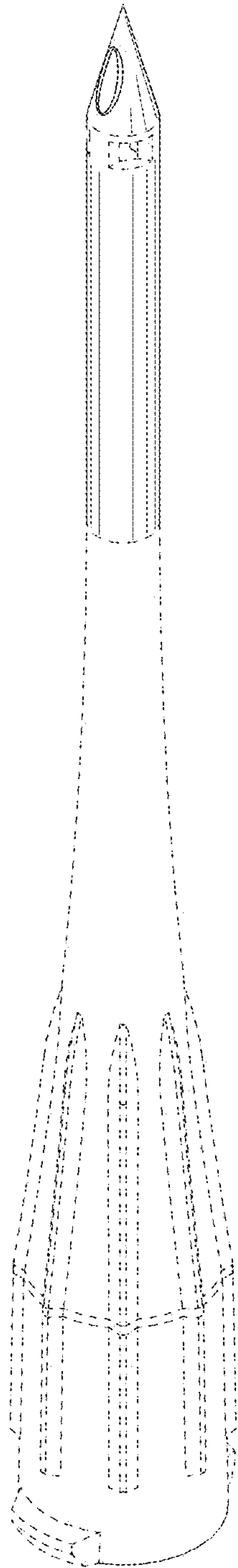


FIG. 1

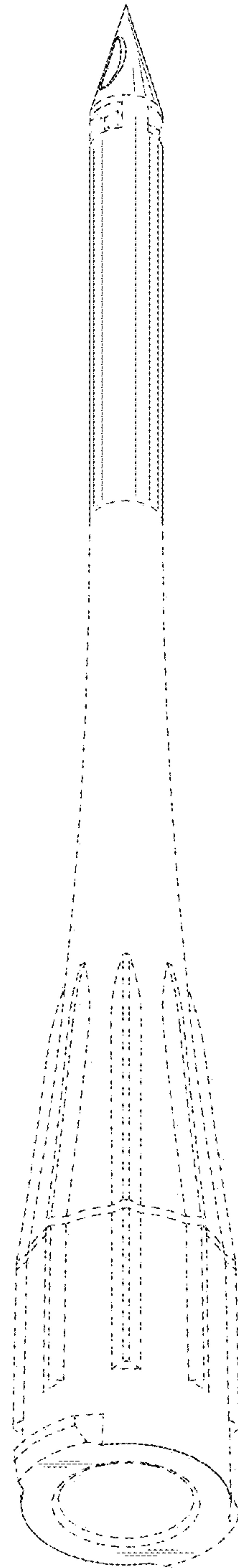


FIG. 2

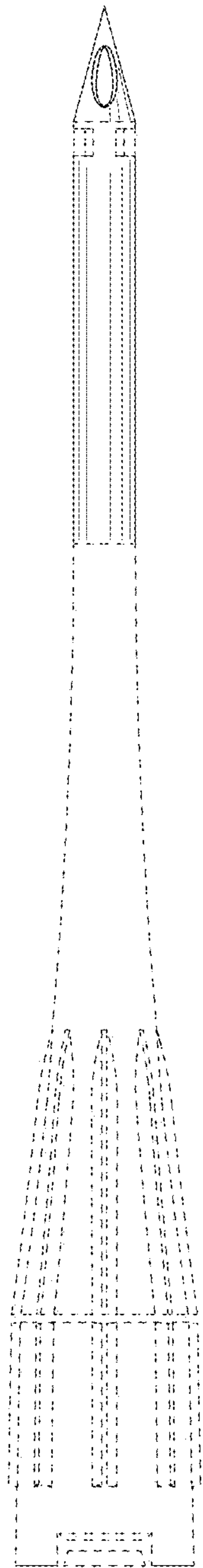


FIG. 3

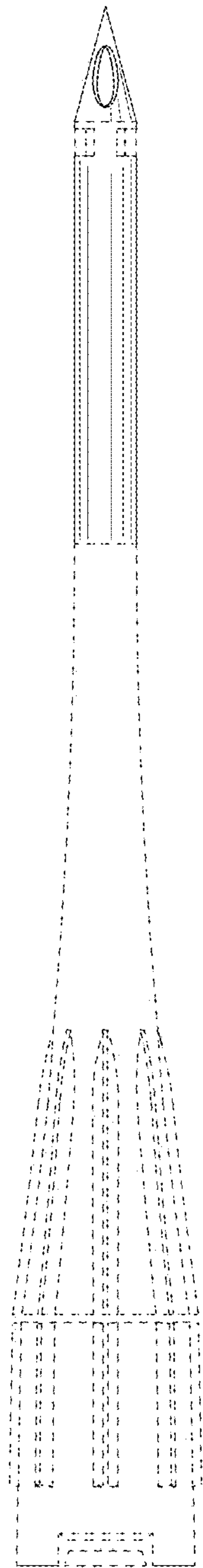


FIG. 4

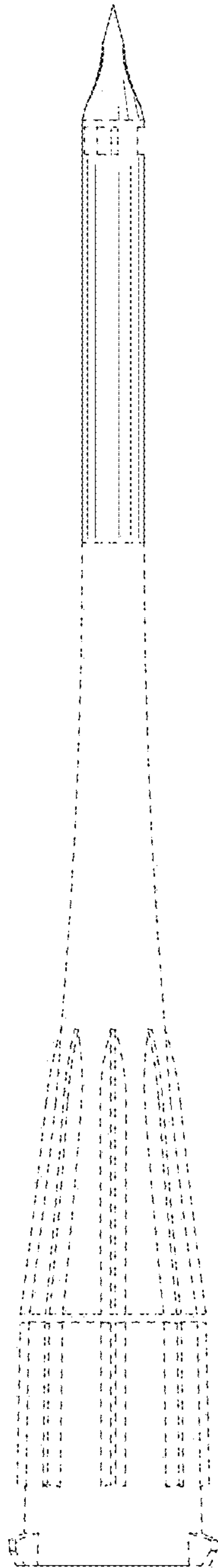


FIG. 5

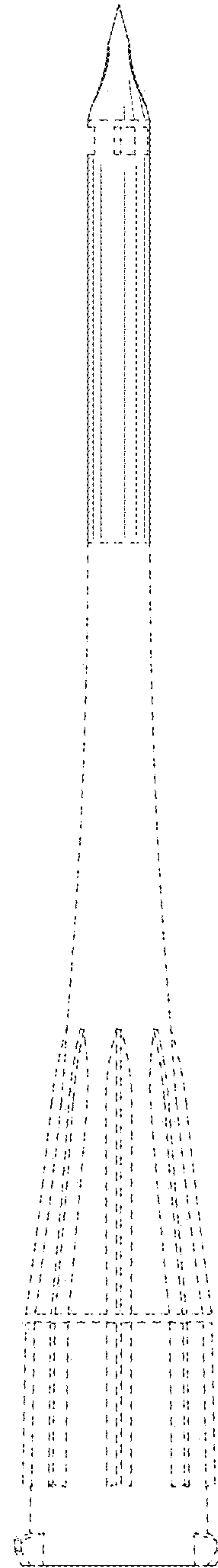


FIG. 6

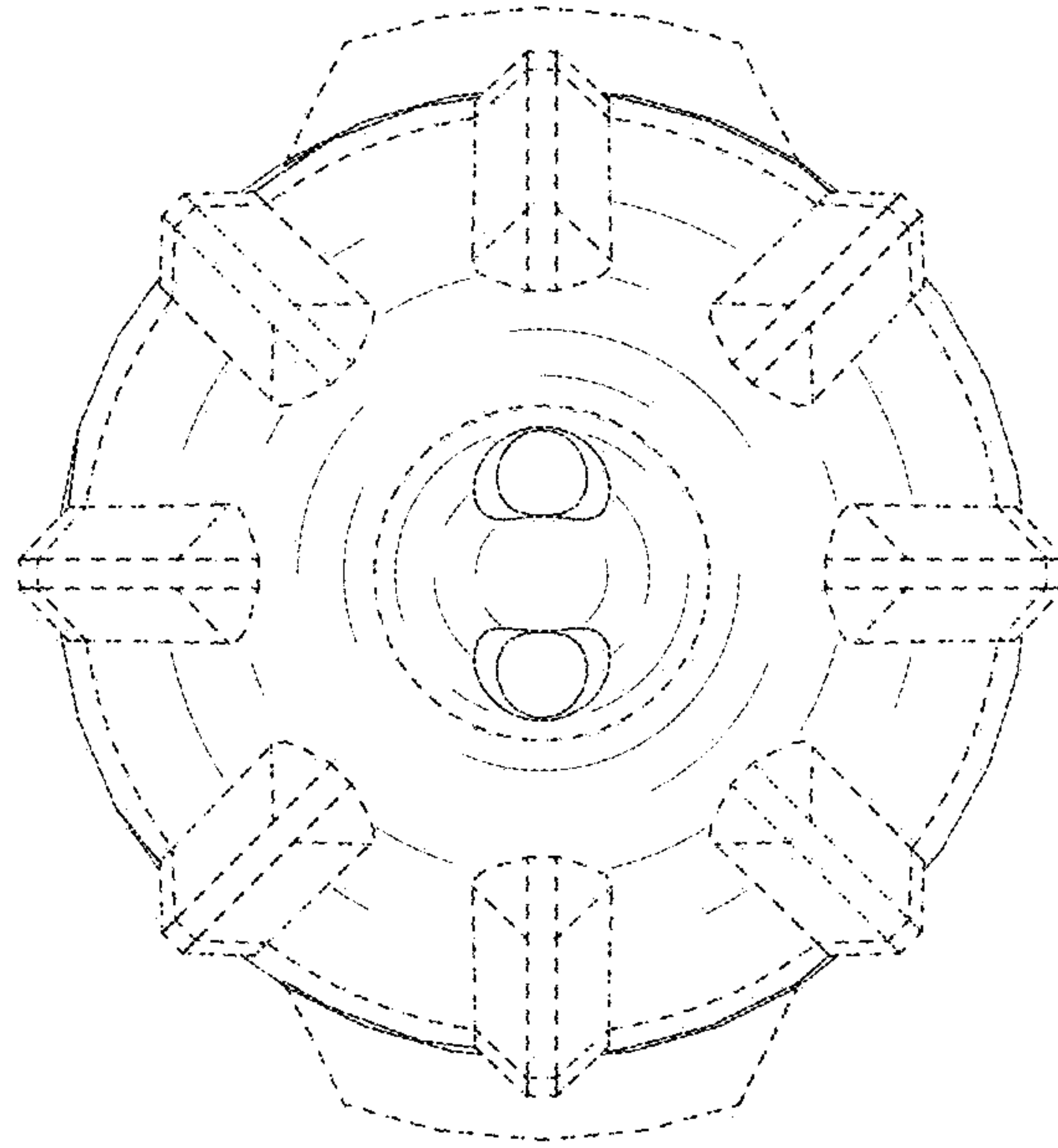


FIG. 7

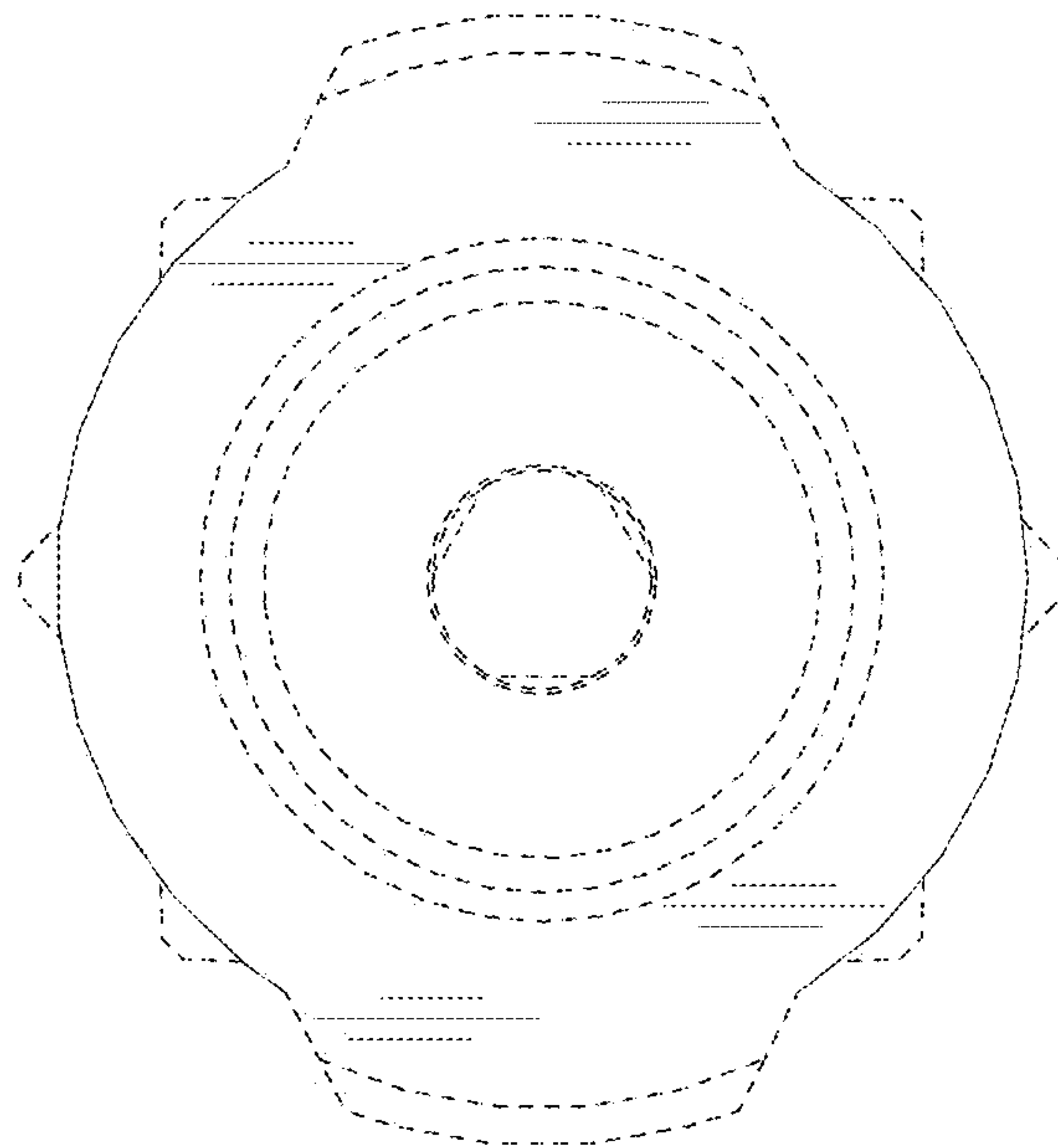


FIG. 8