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(54) SURGICAL TREPHINE

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Related U.S. Application Data

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(58) Field of Classification Search USPC D24/127, 130, 133, 146, 147, 100, 105, D24/107, 108, 110, 111, 112, 113, 114, D24/115, 116, 117, 118, 119, 140, 141, D24/144; D8/20, 66, 70, 95, 96, 97, 98, D8/99, 100, 101 CPC A61B 17/089; A61B 17/1617; A61B 17/3211; A61B 17/3417; A61B 17/1411; A61B 50/33; A61B 17/3209; A61B 50/20; A61B 17/32; A61B 50/3001; A61B 50/36; A61B 50/362; A61B 17/16; A61B 17/142; A61B 17/144; A61B 17/14; A61H 39/08; A61M 2025/0246; A61M 16/04; A61M 16/0463; A61M 16/0484; A61M 25/0009; A61M 25/007; A61M 25/02; A61M 25/09033; A61M 5/3286; A61M 5/343

See application file for complete search history.

(56)References Cited

U.S. PATENT DOCUMENTS

D644,327	S	*	8/2011	Singh	D24/146
D882,785	S	*	4/2020	Qun	D24/146
D882,786	S	*	4/2020	Qun	D24/146
D910,173	S	*	2/2021	Piferi	D24/140
D915,593	S	*	4/2021	Alenezi	D24/152
D939,697	S	*	12/2021	Servedio	D24/133
D940,080	S	*	1/2022	Ganske	D13/154
D950,723	S	*	5/2022	Leibowitz	D24/133
D954,940	S	*	6/2022	Vijayachandran	D24/146
D964,565	S	*	9/2022	Olson	D24/147
D972,726	S	*	12/2022	Spencer	A61M 37/0076 D24/146

(Continued)

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(57)CLAIM

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

DESCRIPTION

FIG. 1 is a perspective view of a surgical trephine in accordance with the new design;

FIG. 2 is a front view of the surgical trephine of FIG. 1;

FIG. 3 is a rear view of the surgical trephine of FIG. 1;

FIG. 4 is a left side view of the surgical trephine of FIG. 1;

FIG. 5 is a right side view of the surgical trephine of FIG. 1;

FIG. 6 is a top view of the surgical trephine of FIG. 1;

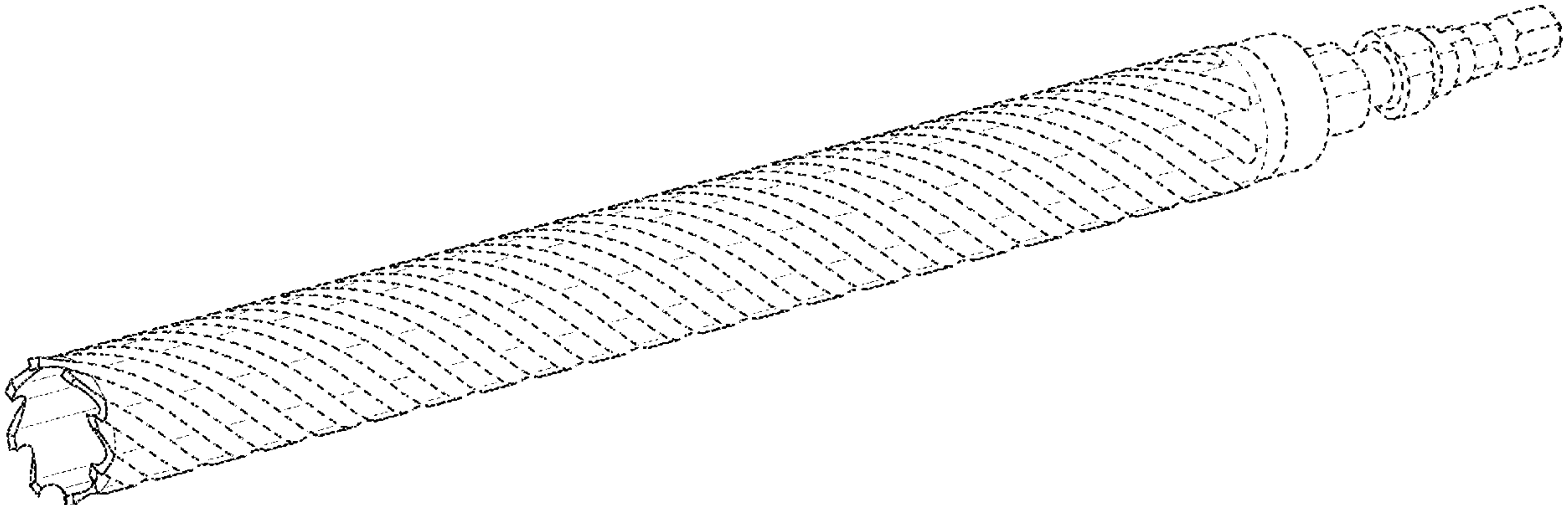
FIG. 7 is a bottom view of the surgical trephine of FIG. 1;

and,

FIG. 8 is a partially enlarged perspective view of the bottom of the surgical trephine of FIG. 1.

In the drawings, the broken line areas illustrate portions of the surgical trephine that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D983,368	S	*	4/2023	Leibowitz	D24/133
D989,308	S	*	6/2023	Sweitzer	D24/146
D994,881	S	*	8/2023	Sweitzer	D24/129
2021/0267625	A1	*	9/2021	Carver	A61B 17/32093
2022/0218972	A1	*	7/2022	Spencer	A61M 37/0076

* cited by examiner

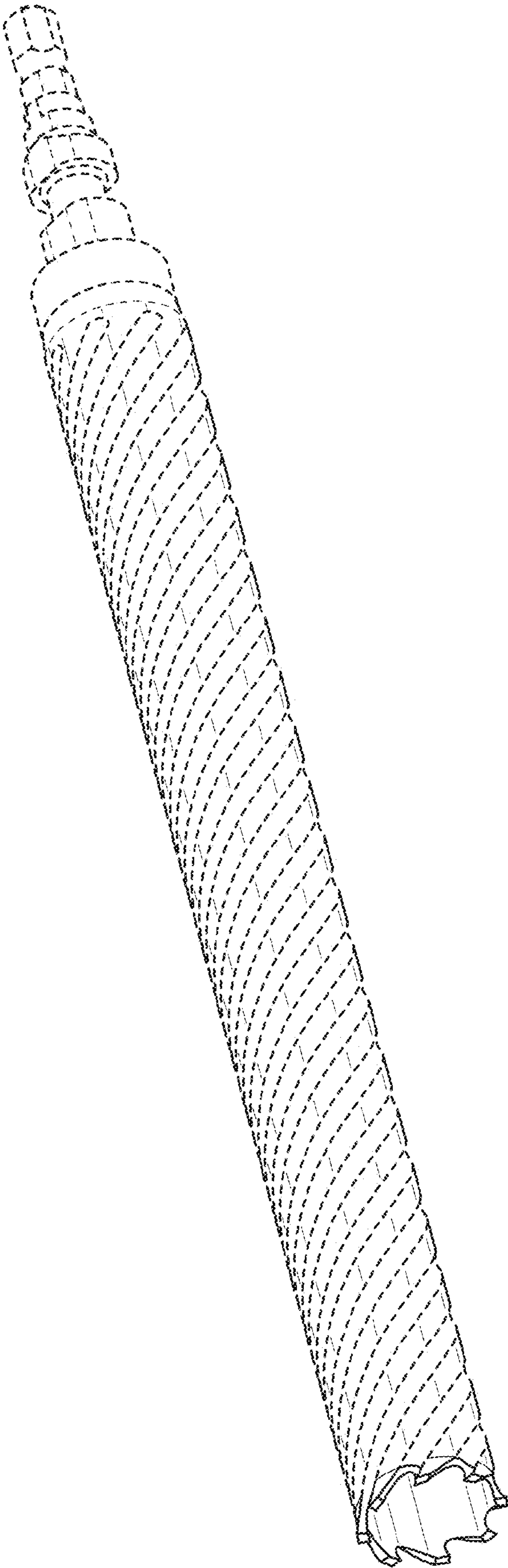


FIG. 1



FIG. 2



FIG. 3

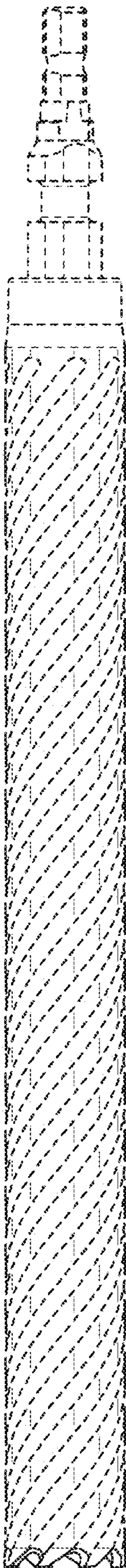


FIG. 4



FIG. 5



FIG. 7

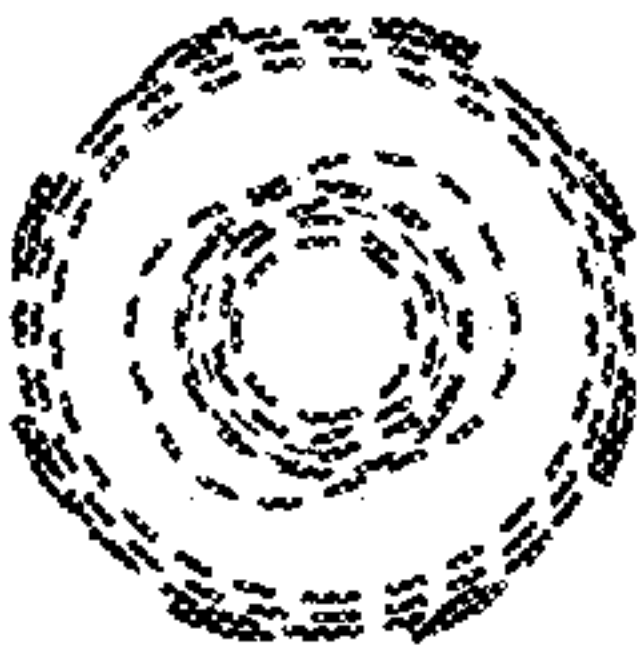


FIG. 6

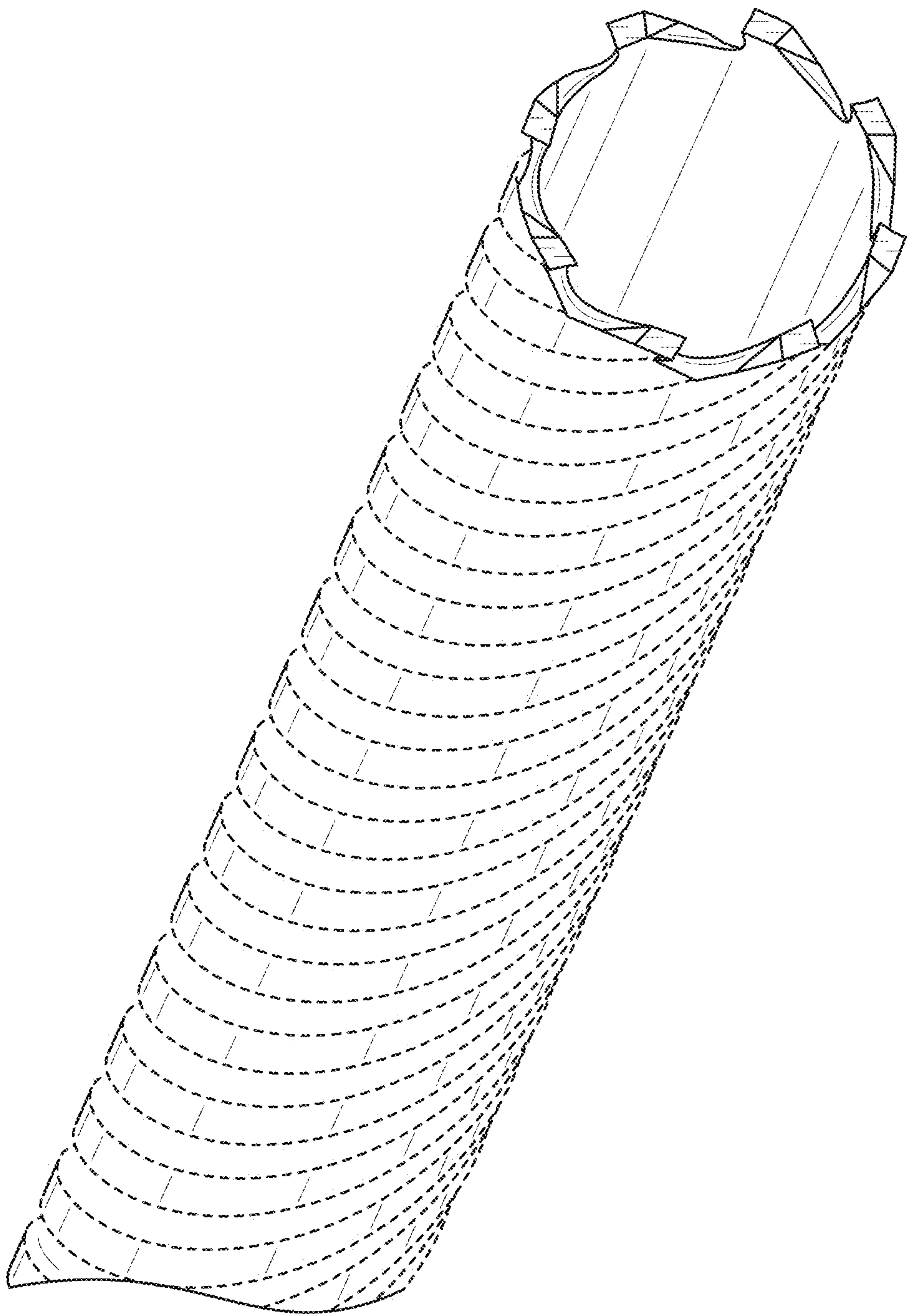


FIG. 8