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Takashima et al.

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PLUG OF PIPE JOINT

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(71)

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See application file for complete search history.

(72)

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(56)References Cited

(73)

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U.S. PATENT DOCUMENTS

(**) Term: 15 Years

D313,067 S * 12/1990 Kotake D23/262

D419,860 S * 2/2000 Persson D8/382

D468,015 S * 12/2002 Horppu D24/129

D470,818 S * 2/2003 Cheng D13/133

D566,653 S * 4/2008 Sakamoto D13/133

D567,180 S * 4/2008 Sakamoto D13/133

D602,128 S * 10/2009 Williams D23/262

D733,842 S * 7/2015 Allred D23/259

9,157,560 B2 * 10/2015 Rehder F16L 37/32

D830,524 S * 10/2018 Vranish D23/262

D896,930 S * 9/2020 Vranish D23/262

(21)

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(Continued)

(22)

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(30)

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LOC (15) Cl. 23-01

(57)CLAIM

(52)

U.S. Cl.

The ornamental design for a plug of pipe joint as shown and described.

USPC D23/262

(58)Field of Classification Search

USPC D3/5; D8/29, 249, 354, 382, 387, 394,
D8/397, 399; D12/48; D13/133, 148,
D13/150–151, 156, 184; D14/256, 433;
D23/209, 233, 249, 259–266, 303, 393;
D24/110.6, 112, 128–130

DESCRIPTION

CPC .. F16B 35/00; F16B 37/14; F16B 9/02; F16B 7/00; A61M 16/0816; A61M 16/0833; A61M 16/0875; A61M 39/00; A61M 16/208; A61M 39/165; F16L 15/00; F16L 15/06; F16L 15/001; F16L 15/006; F16L 23/125; F16L 23/12; F16L 23/162; F16L 25/0036; F16L 25/0045; F16L 25/0063; F16L 25/0072; F16L 25/009; F16L 25/14; F16L 31/02; F16L 31/00; F16L 33/02; F16L 33/035; F16L 33/2071; F16L 33/2073; F16L 33/24; F16L 33/28; F16L 33/26; F16L 37/008; F16L 39/005; F16L

FIG. 1 is a perspective view of a plug of pipe joint showing our new design;
FIG. 2 is a front view thereof, the rear view being a mirror image of the front view, the top view and the bottom view being identical to the front view;
FIG. 3 is a left side view thereof; and,
FIG. 4 is a right side view thereof.
The dash broken lines illustrate portions of the plug of pipe joint that form no part of the claimed design. The dot-dash broken lines illustrate the boundary of the claimed design and form no part thereof.

1 Claim, 2 Drawing Sheets

References Cited

D898,878	S	*	10/2020	Sprenger	D13/133
D912,245	S	*	3/2021	Grudo	A61B 1/00068
					D24/129
D930,123	S	*	9/2021	Garcia Blanco	D23/262
D948,441	S	*	4/2022	Takano	D13/133
D1,010,073	S	*	1/2024	Knecht	D23/263
D1,014,710	S	*	2/2024	Knecht	D23/262
D1,016,251	S	*	2/2024	Castriotta	D23/262
D1,021,001	S	*	4/2024	Makowski	D23/233
D1,021,016	S	*	4/2024	Castriotta	D23/262
11,964,245	B2	*	4/2024	Pierce	B01F 35/602
D1,029,246	S	*	5/2024	Fangrow	A61M 39/26
					D24/129
D1,030,050	S	*	6/2024	Doubet	A61M 5/3134
					D24/129
D1,033,362	S	*	7/2024	Baldus-Kunze	D13/133
D1,034,468	S	*	7/2024	Jarial	D13/133
D1,035,585	S	*	7/2024	Xu	D13/133
D1,043,924	S	*	9/2024	Sprenger	D23/260
D1,049,320	S	*	10/2024	Larsen	D23/262
D1,050,443	S	*	11/2024	Kondo	D23/209
12,180,790	B1	*	12/2024	Domann	F16L 37/56
D1,059,555	S	*	1/2025	Griggs	D23/262
12,215,810	B2	*	2/2025	Gerst	F16L 37/26
D1,065,091	S	*	3/2025	Somanath	D13/133
2014/0121607	A1	*	5/2014	Chang	A61M 16/0833
					604/246
2018/0347734	A1	*	12/2018	Barata	F16L 25/0045
2024/0151332	A1	*	5/2024	Goodrich	H01M 10/6568
2024/0229995	A1	*	7/2024	Xu	F16L 9/006
2024/0304892	A1	*	9/2024	Zhou	H01M 10/6568
2024/0360927	A1	*	10/2024	Iida	F16L 23/04
2024/0401891	A1	*	12/2024	Hatanaka	F28F 9/0253

* cited by examiner

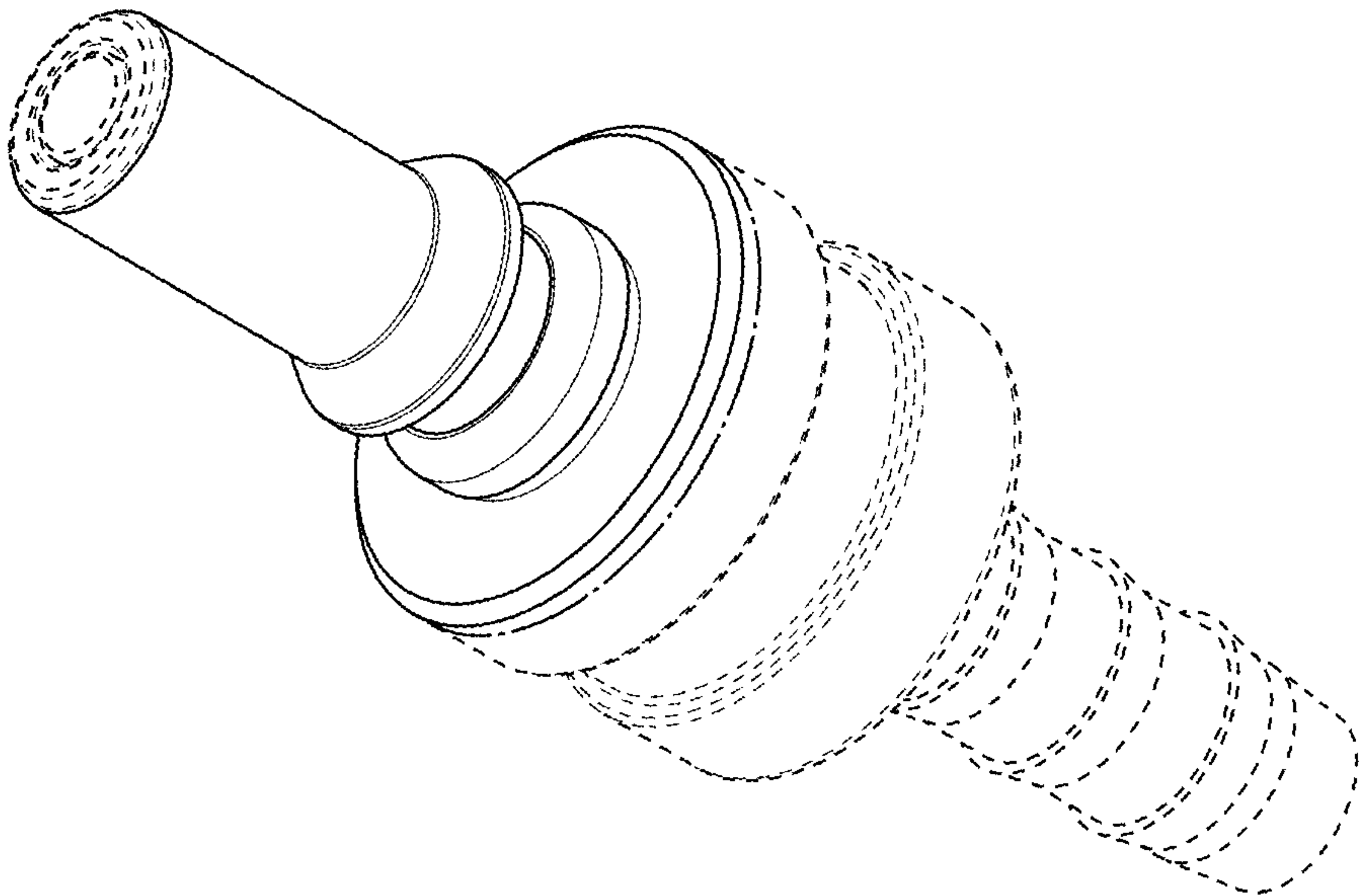


FIG. 1

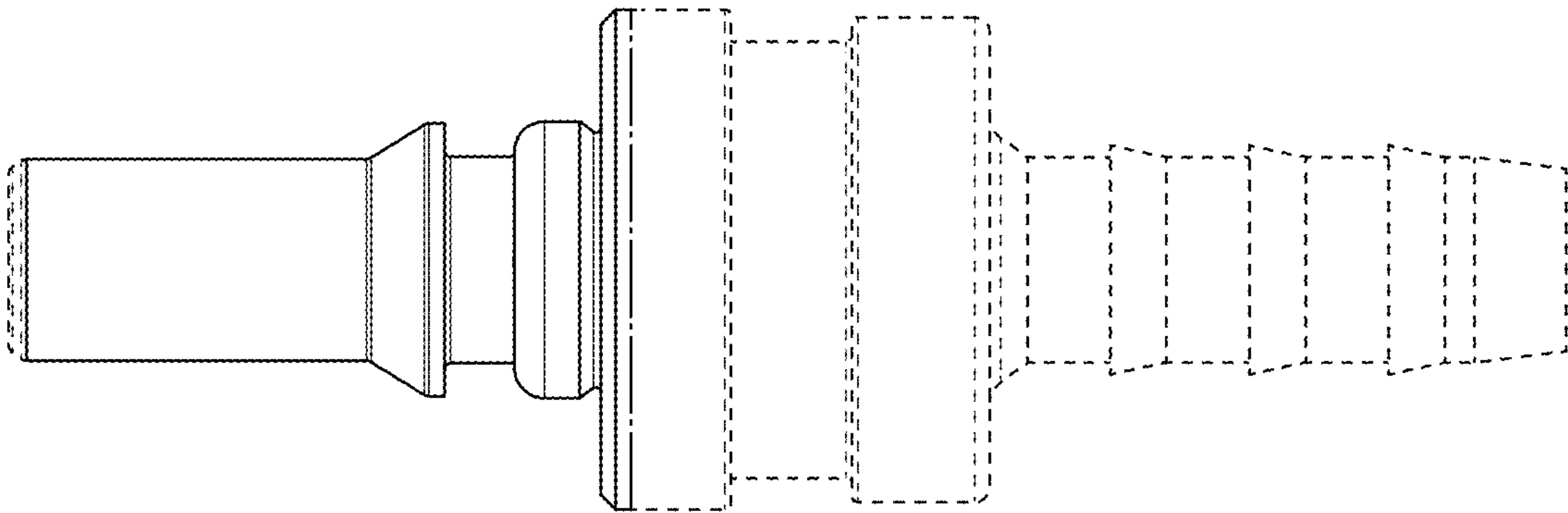


FIG. 2

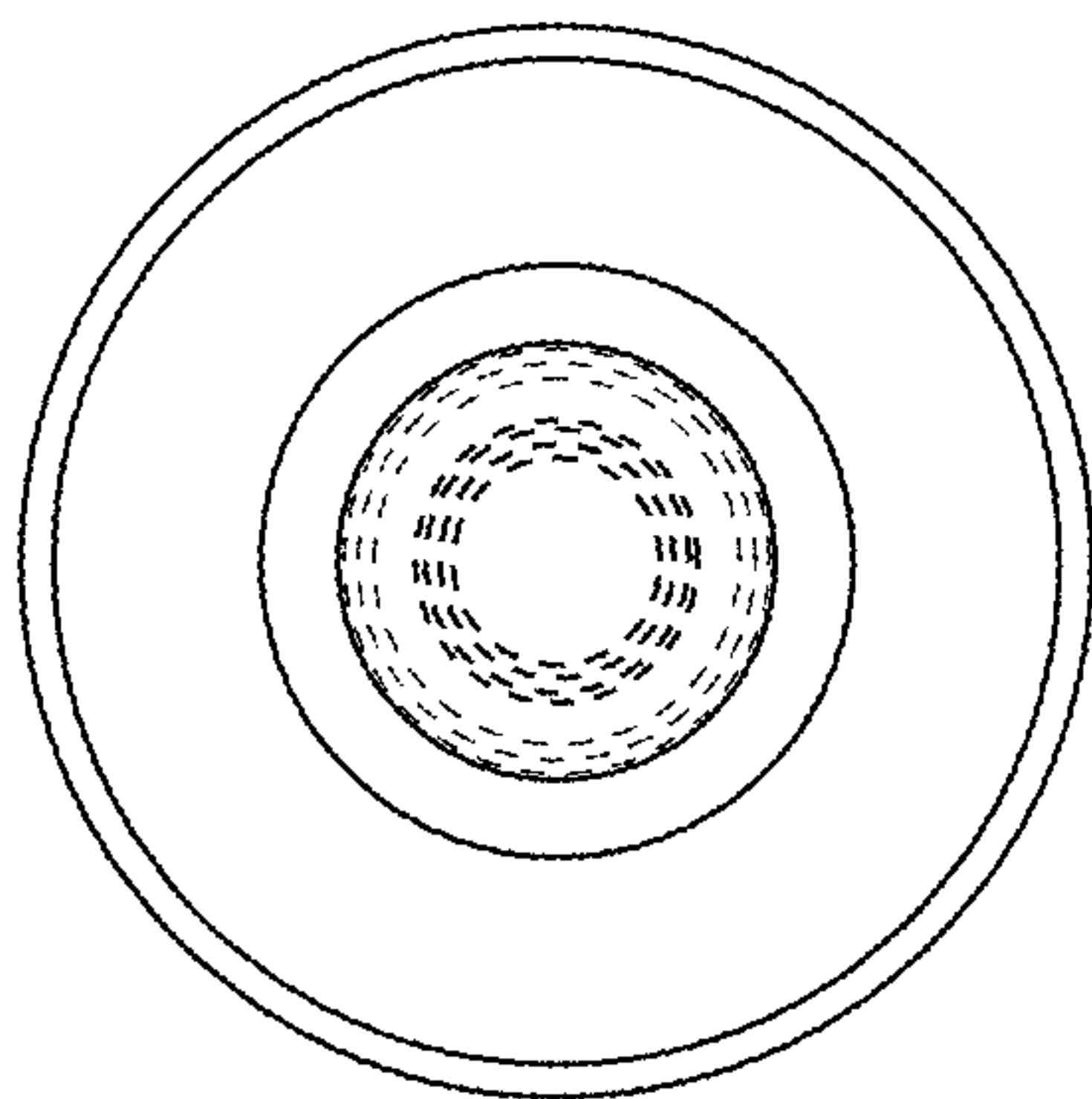


FIG. 3

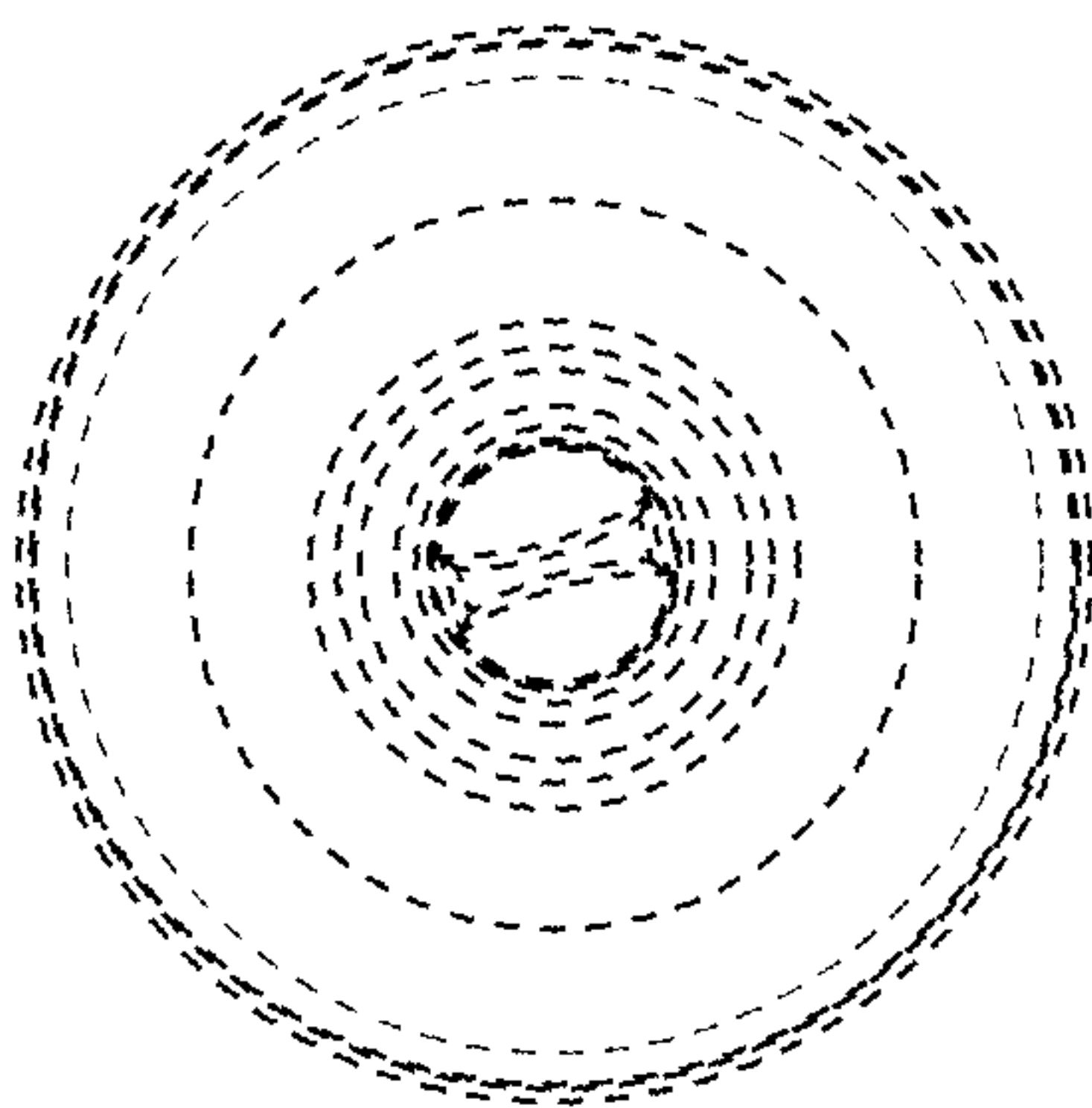


FIG. 4