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Pan

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(54) 3D PRINT FILAMENT

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(**) Term: 15 Years

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USPC D15/122, 138, 141, 144.2; D18/50, 53, D18/56
CPC B29C 64/118; B29C 64/00; B29C 48/00; B29C 48/16; B29C 48/17; B29C 48/175; B33Y 10/00; B33Y 70/00; B33Y 70/10; D01F 8/00

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D364,079	S	*	11/1995	Skinner	D15/138
D376,078	S	*	12/1996	Skinner	D15/138
D855,104	S	*	7/2019	Austermeier	D18/19
D1,025,148	S	*	4/2024	Zhang	D15/138
D1,025,149	S	*	4/2024	Zhang	D15/138
D1,036,515	S	*	7/2024	Zhang	D15/138
2016/0281267	A1	*	9/2016	Wetzel	B29C 66/5241
2018/0229441	A1	*	8/2018	Wang	B29C 64/00
2018/0265685	A1	*	9/2018	Yuasa	C08K 7/06
2022/0022374	A1	*	1/2022	Beljean	A01D 34/4168
2022/0033998	A1	*	2/2022	Wetzel	B29D 11/00701
2022/0331109	A1	*	10/2022	Szivek	B33Y 40/20
2023/0015346	A1	*	1/2023	Dunn	B29C 48/21
2023/0287605	A1	*	9/2023	Ando	D02G 3/40
2023/0392303	A1	*	12/2023	Takenaka	B33Y 70/10

OTHER PUBLICATIONS

[OVV3D Tri-Colors Pla 3D Printer Filament], available in Amazon.com, date first available Jan. 12, 2022 [online], [site visited Nov. 7, 2024], Available from the internet URL: https://www.amazon.com/Filament-Tri-Colors-Coextrusion-Red-Yellow-Blue-Printing/dp/B0B431Y8RJ/ref=sr_1_3 (Year: 2022).*
[AMOLEN Silk PLA 3D Printer Filament], available in Amazon.com, date first available Jan. 1, 2024 [online], [site visited Nov. 7, 2024], Available from the internet URL: https://www.amazon.com/AMOLEN-Printer-Filament-Multicolor-Printing/dp/B0D8HZL62X/ref=sr_1_45 (Year: 2024).*

* cited by examiner

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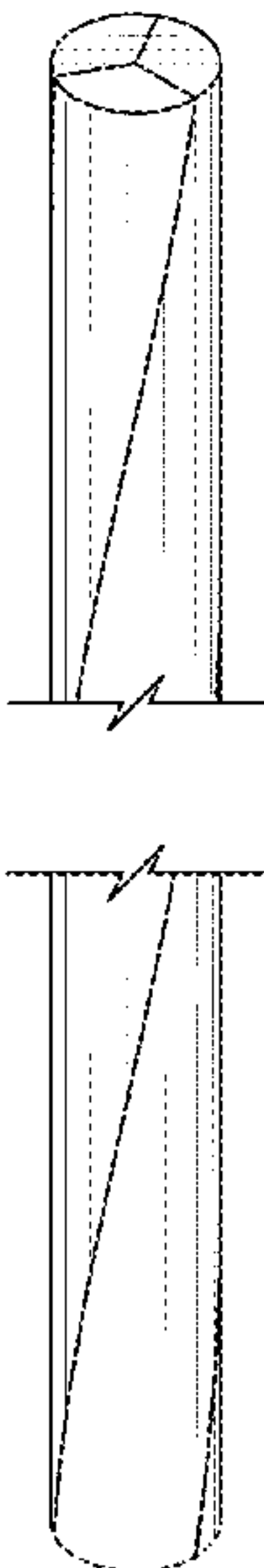
(57) CLAIM

The ornamental design for the 3D print filament as shown and described.

DESCRIPTION

FIG. 1 is a top-front perspective view of a 3D print filament showing my new design;
FIG. 2 is a bottom-rear perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a left-side elevational view thereof;
FIG. 6 is a right-side elevational view thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.
The broken line showing the bottom end of the filament in FIG. 1 through 8 is included for the purpose of showing environmental structure and forms no part of the claimed design. The 3D print filament is shown with a symbolic break in its length. The appearance of any portion of the article between the break lines forms no part of the claimed design.

1 Claim, 8 Drawing Sheets



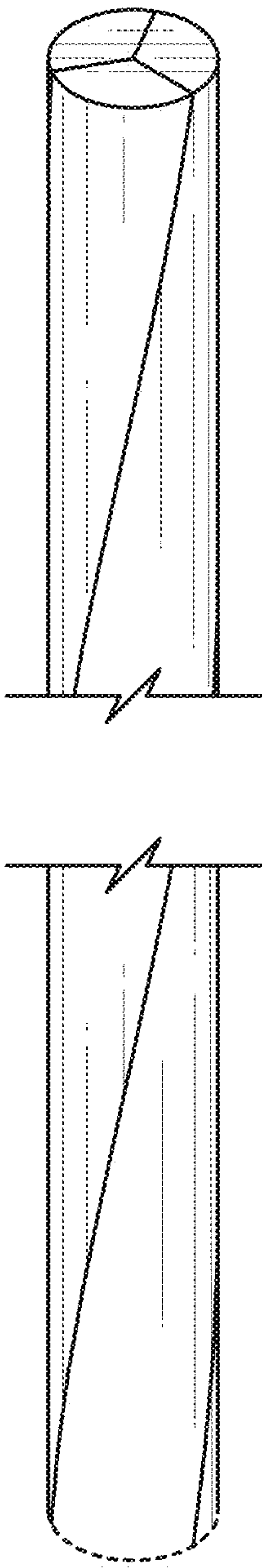


FIG. 1

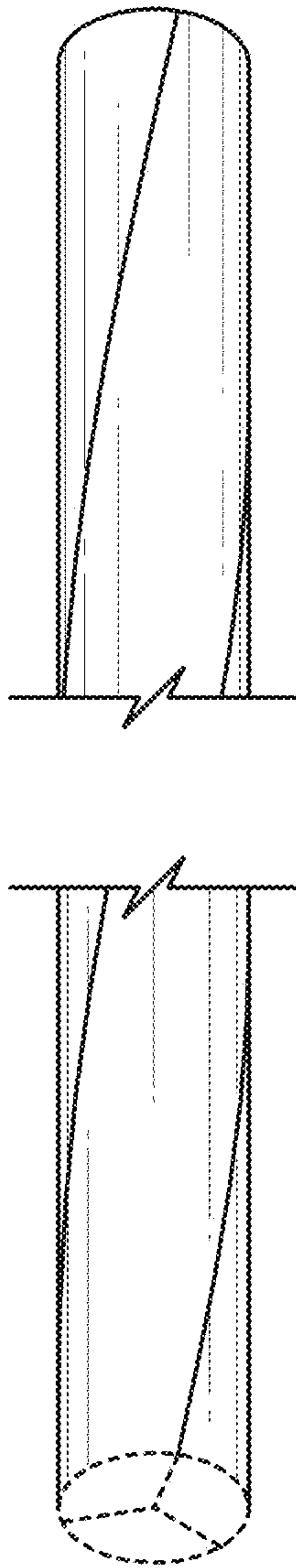


FIG. 2

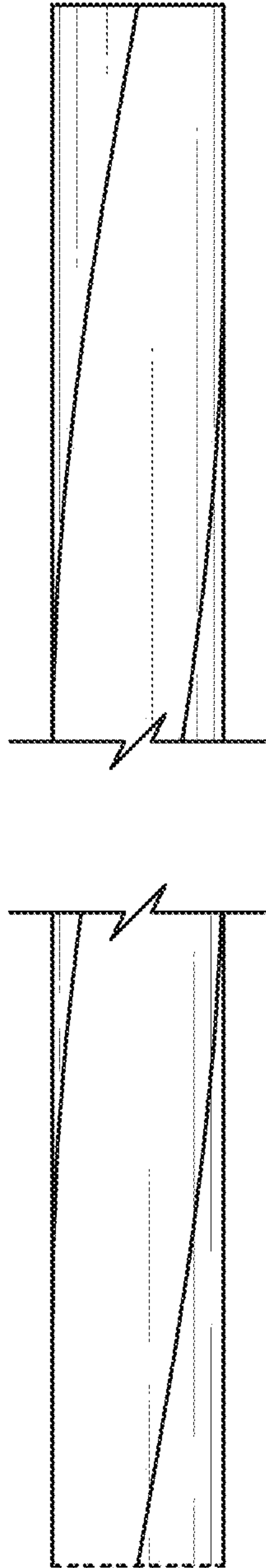


FIG. 3

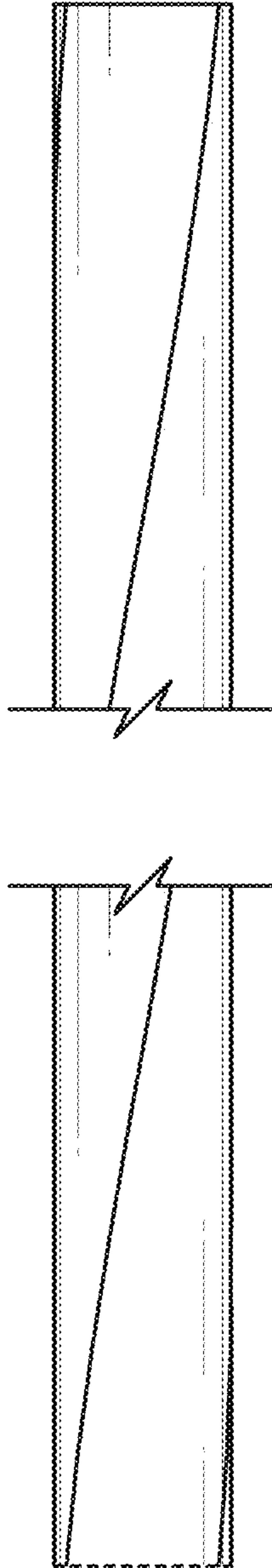


FIG. 4

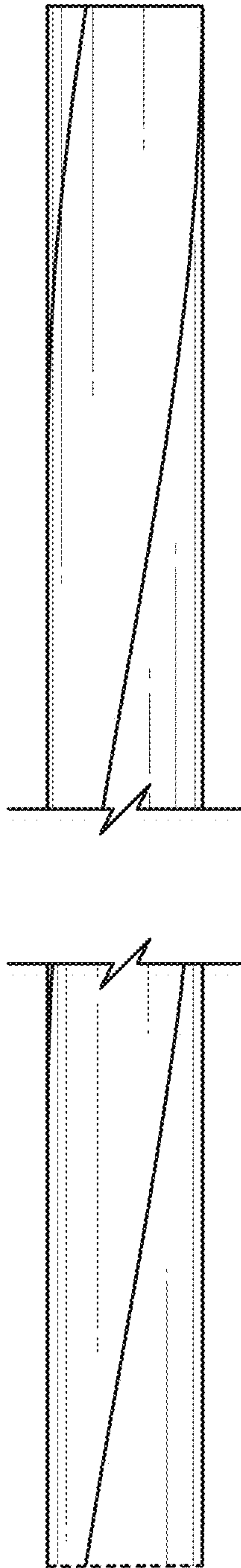


FIG. 5

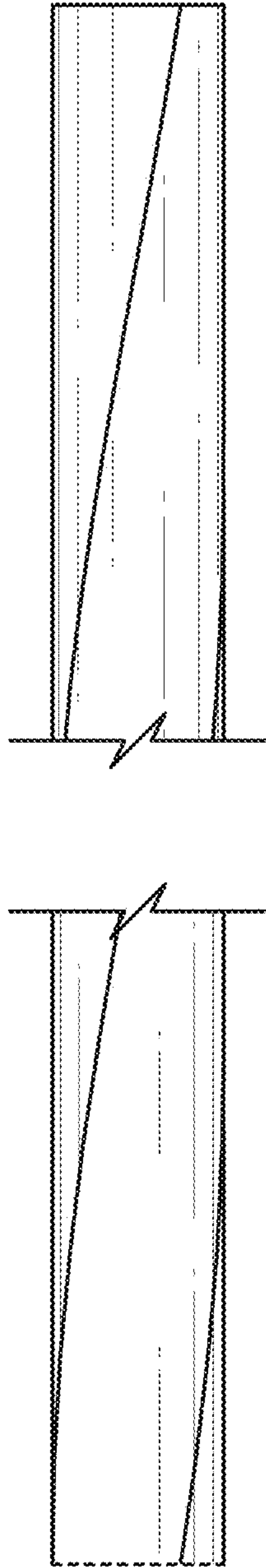


FIG. 6

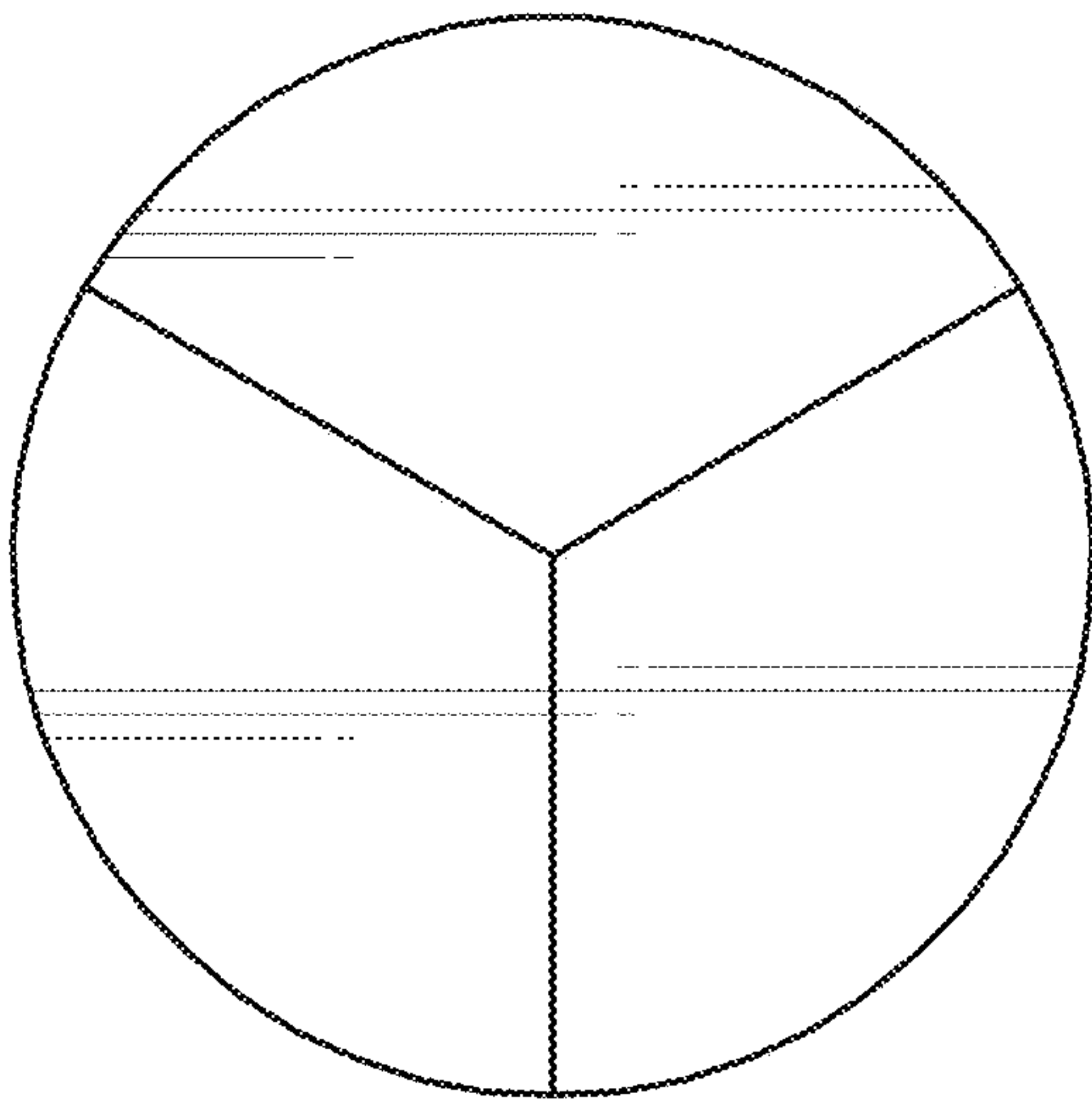


FIG. 7

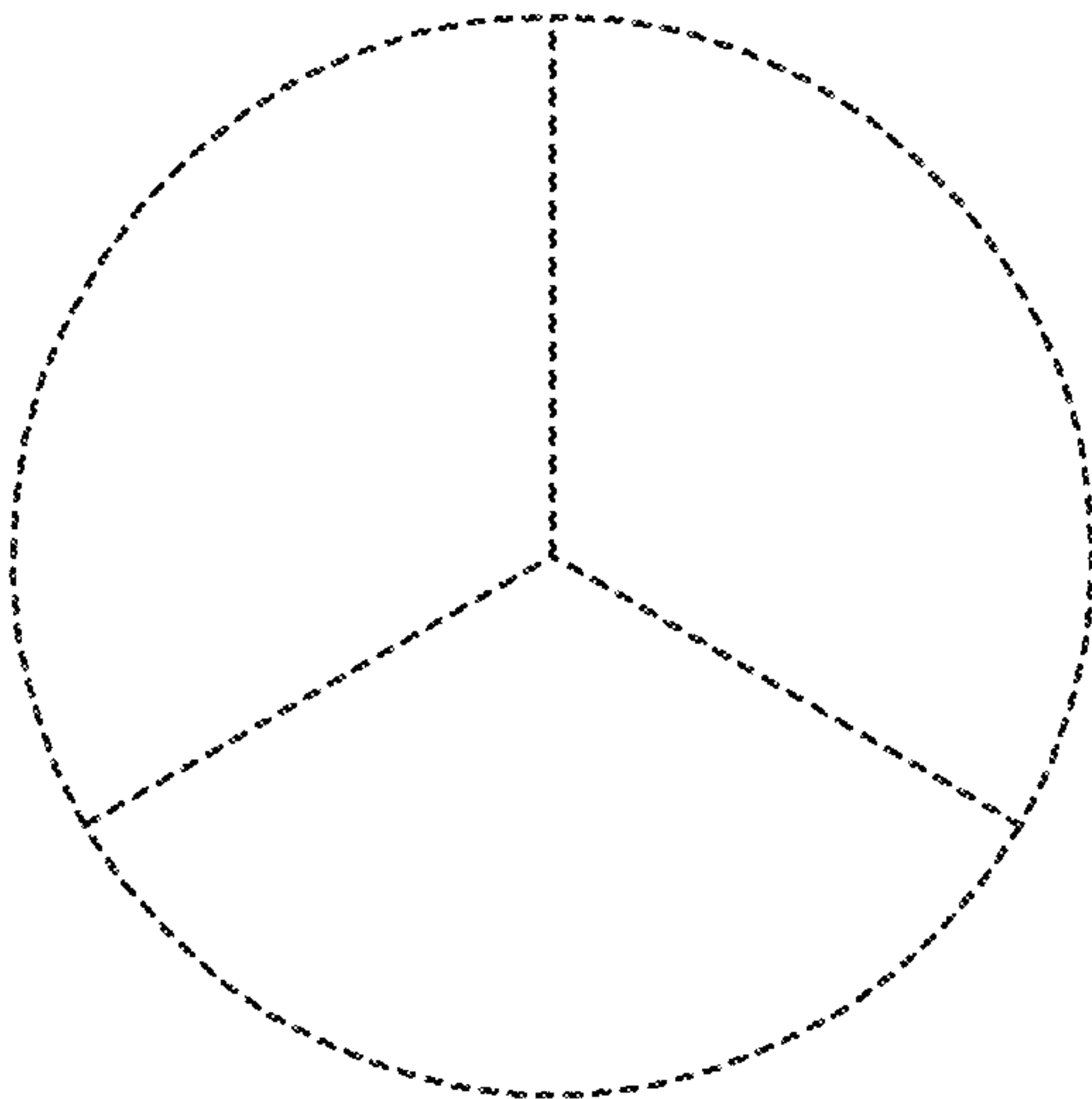


FIG. 8