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(12) **United States Design Patent**  
**Morgan et al.**

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(54) **SCRUBBING BRUSH FOR A FLOOR CLEANER**

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(73) Assignee: **The Hoover Company**, North Canton, OH (US)

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/148,308**

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(51) **LOC (7) Cl.** ..... **15-05**

(52) **U.S. Cl.** ..... **D32/25**

(58) **Field of Search** ..... D32/15-16, 19-20, D32/21.23, 25, 31; D4/119-120, 102; 15/28, 87, 256.52, 327.6, 327.7, 415.1, 345

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

462,156	A	*	10/1891	Pederson	.....	15/28	X
548,201	A	*	10/1895	Hvass	.....	15/87	
1,172,707	A	*	2/1916	Hill	.....	15/28	
1,232,517	A	*	7/1917	Ely	.....	15/28	
1,243,825	A	*	10/1917	Escutchen	.....	15/28	
D95,319	S	*	4/1935	Eaton et al.	.....	D4/119	

D188,653	S	*	8/1960	Hulsh	.....	D32/25	
3,024,883	A	*	3/1962	Eriksson	.....	15/28	X
3,903,564	A	*	9/1975	Morinaga	.....	15/347	X
D286,706	S	*	11/1986	McCloskey	.....	D4/102	
4,771,498	A	*	9/1988	Torta	.....	15/87	X
D352,828	S	*	11/1994	Chen	.....	D4/102	
5,511,269	A	*	4/1996	Watson	.....	15/28	X
5,839,161	A	*	11/1998	Liang	.....	15/415.1	X
6,044,521	A	*	4/2000	Sebek	.....	15/415.1	X
6,009,593	A1		1/2001	Crouser et al.	.....	15/320	

\* cited by examiner

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(57) **CLAIM**

The ornamental design of a scrubbing brush for a floor cleaner, as shown and described.

**DESCRIPTION**

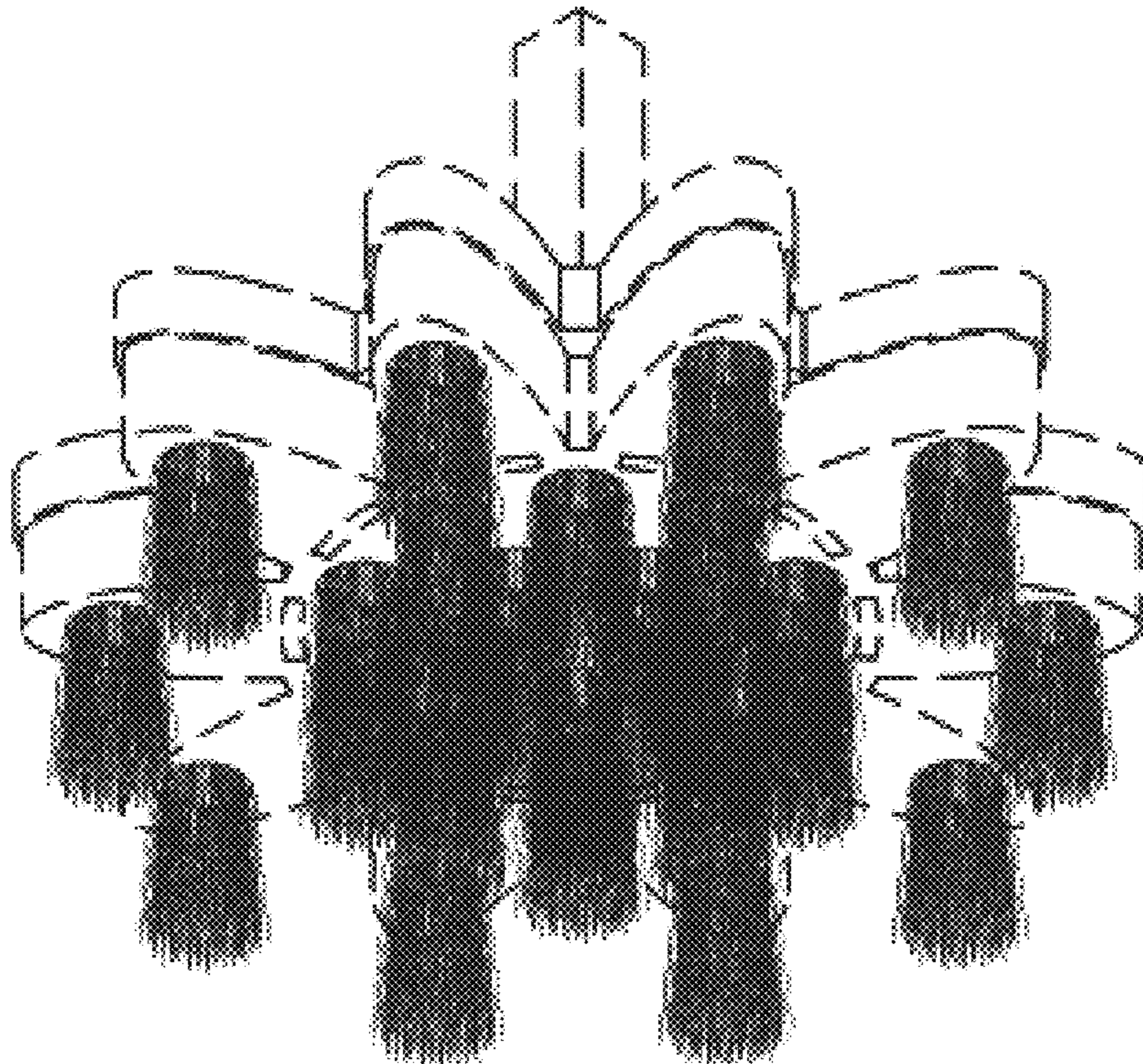
FIG. 1 is a bottom and side perspective view of a scrubbing brush for a floor cleaner showing the new design;

FIG. 2 is a side elevational view thereof; and,

FIG. 3 is a bottom plan view thereof.

The portion of the scrubbing brush shown in broken lines in the figures is for illustrative purposes only and forms no part of the claimed design.

**1 Claim, 1 Drawing Sheet**



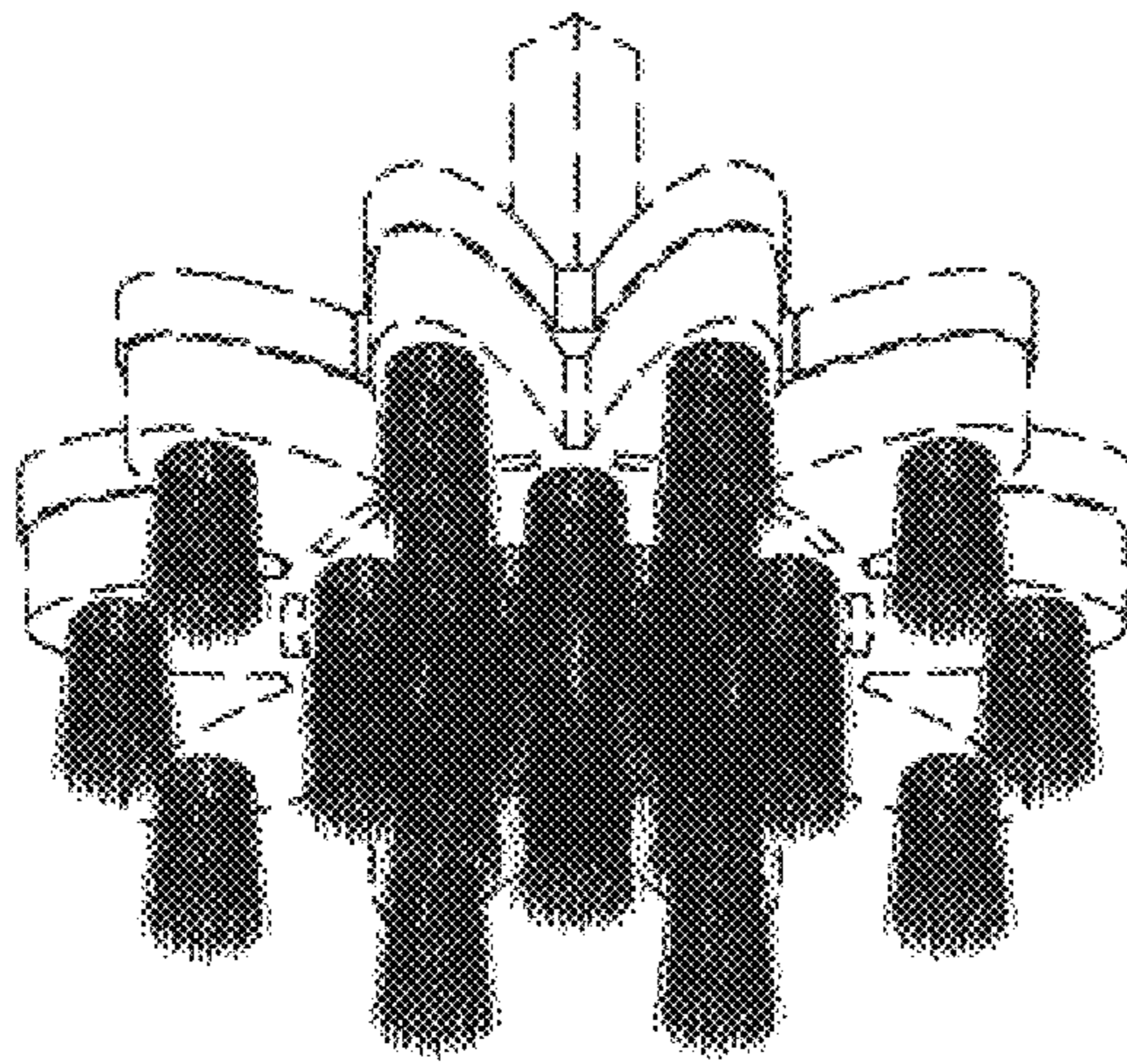


FIG-1

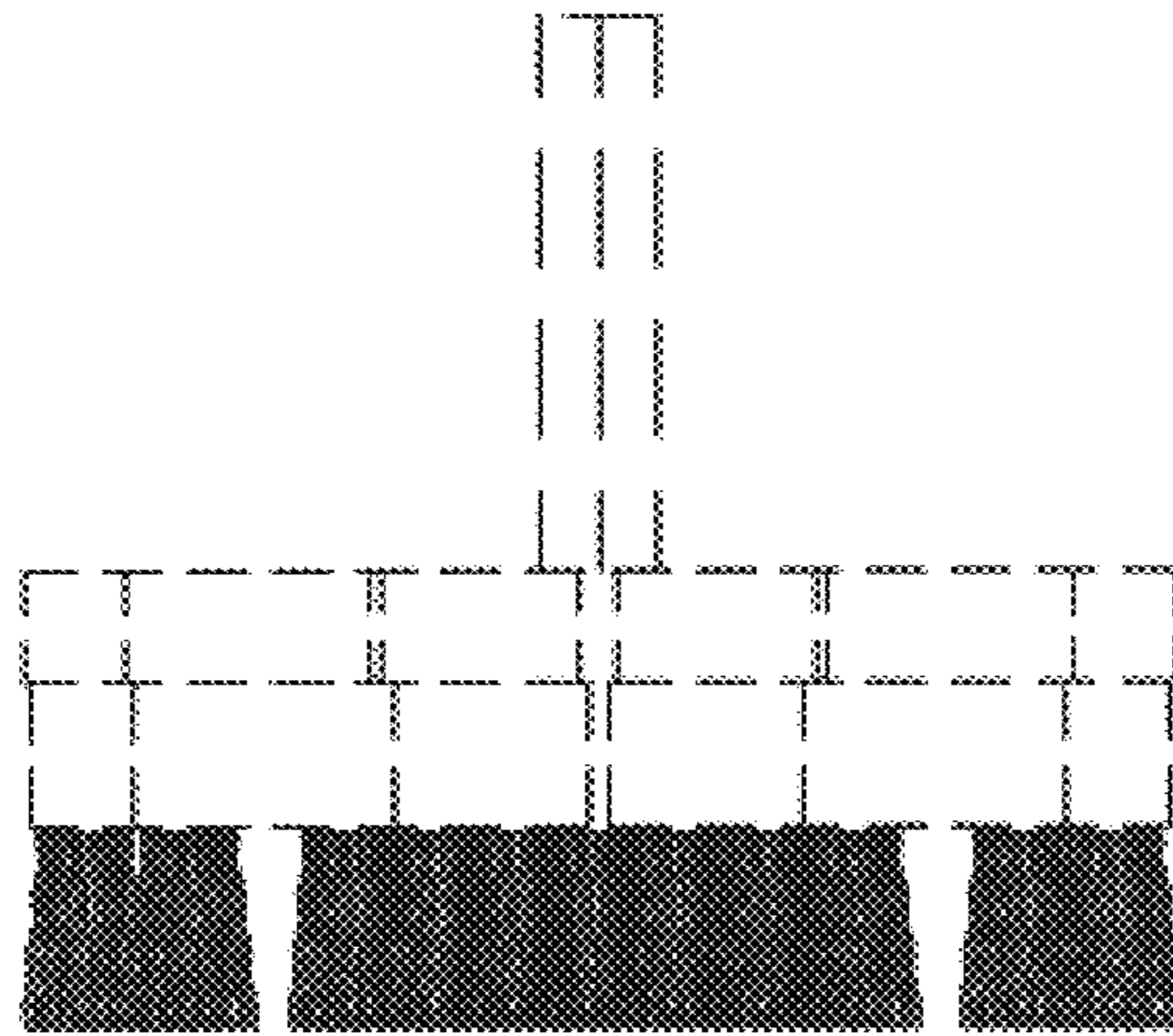


FIG-2

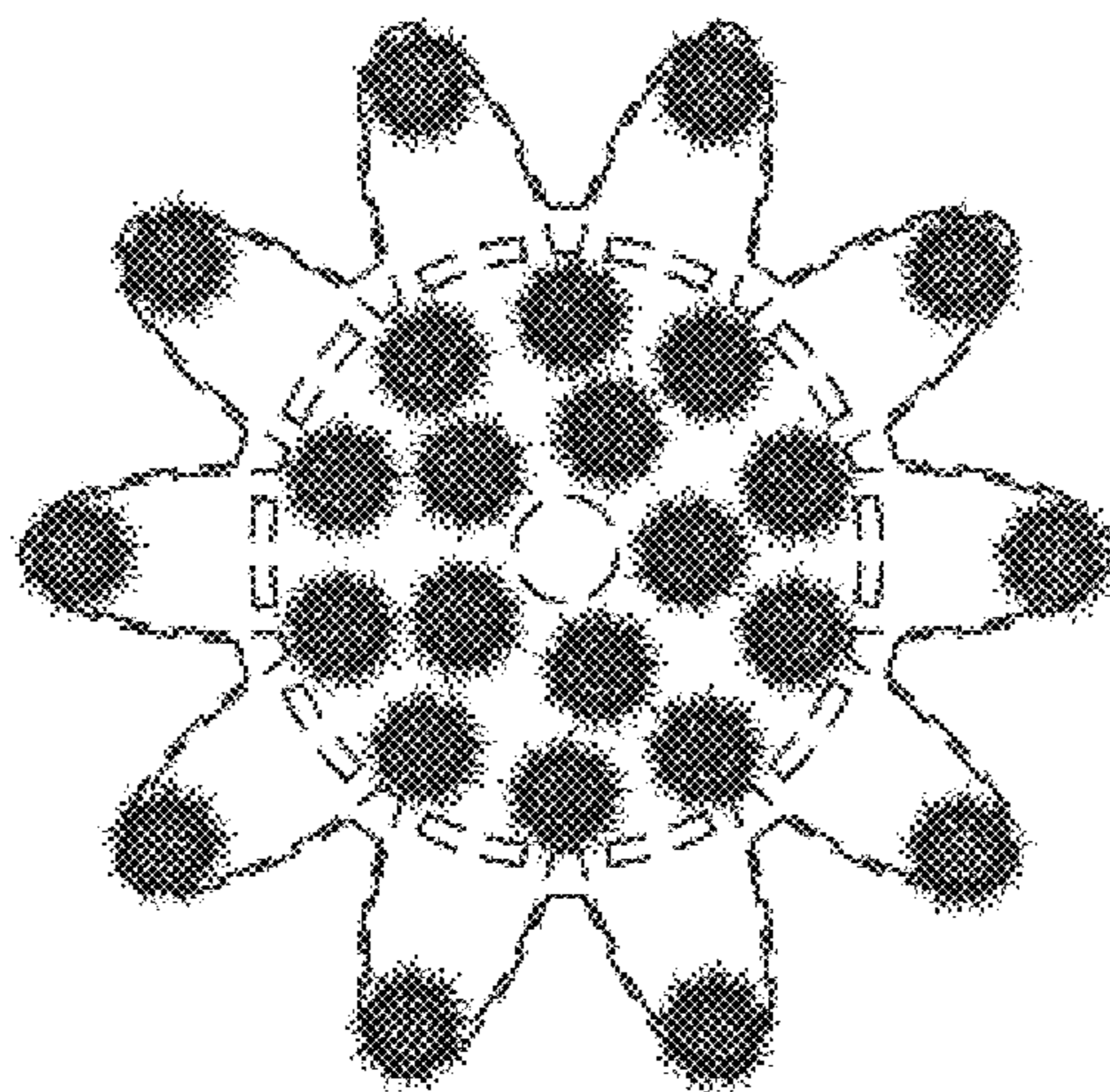


FIG-3