



US00D480186S

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

(10) **Patent No.: US D480,186 S**

(45) **Date of Patent: \*\* Sep. 30, 2003**

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

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

(75) Inventors: **Jeffery A. Morgan**, Cuyahoga Falls, OH (US); **David G. Mueller**, North Canton, OH (US); **Adam C. Sclafani**, North Canton, OH (US); **Kevin L. Thomas**, North Canton, OH (US)

1,172,707 A \* 2/1916 Hill ..... 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

\* cited by examiner

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

*Primary Examiner*—Ian Simmons

*Assistant Examiner*—Robert A. Delehanty

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

(74) *Attorney, Agent, or Firm*—A. Burgess Lowe; Brett A. Schenck

(21) Appl. No.: **29/173,947**

(57) **CLAIM**

(22) Filed: **Jan. 9, 2003**

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

**Related U.S. Application Data**

**DESCRIPTION**

(62) Division of application No. 29/148,308, filed on Sep. 12, 2001, now Pat. No. Des. 469,935.

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.

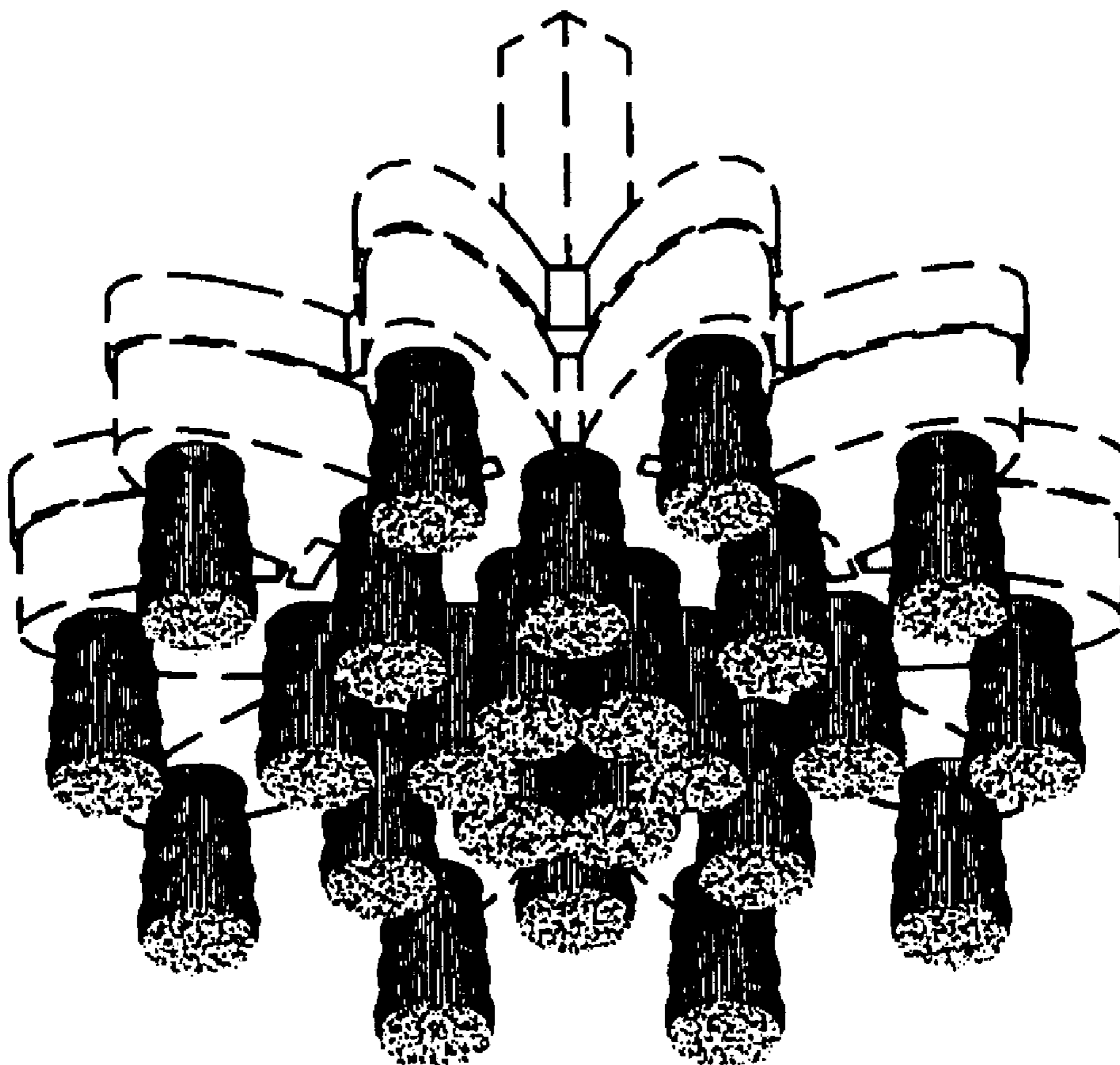
(51) **LOC (7) Cl.** ..... **15-05**

(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

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**



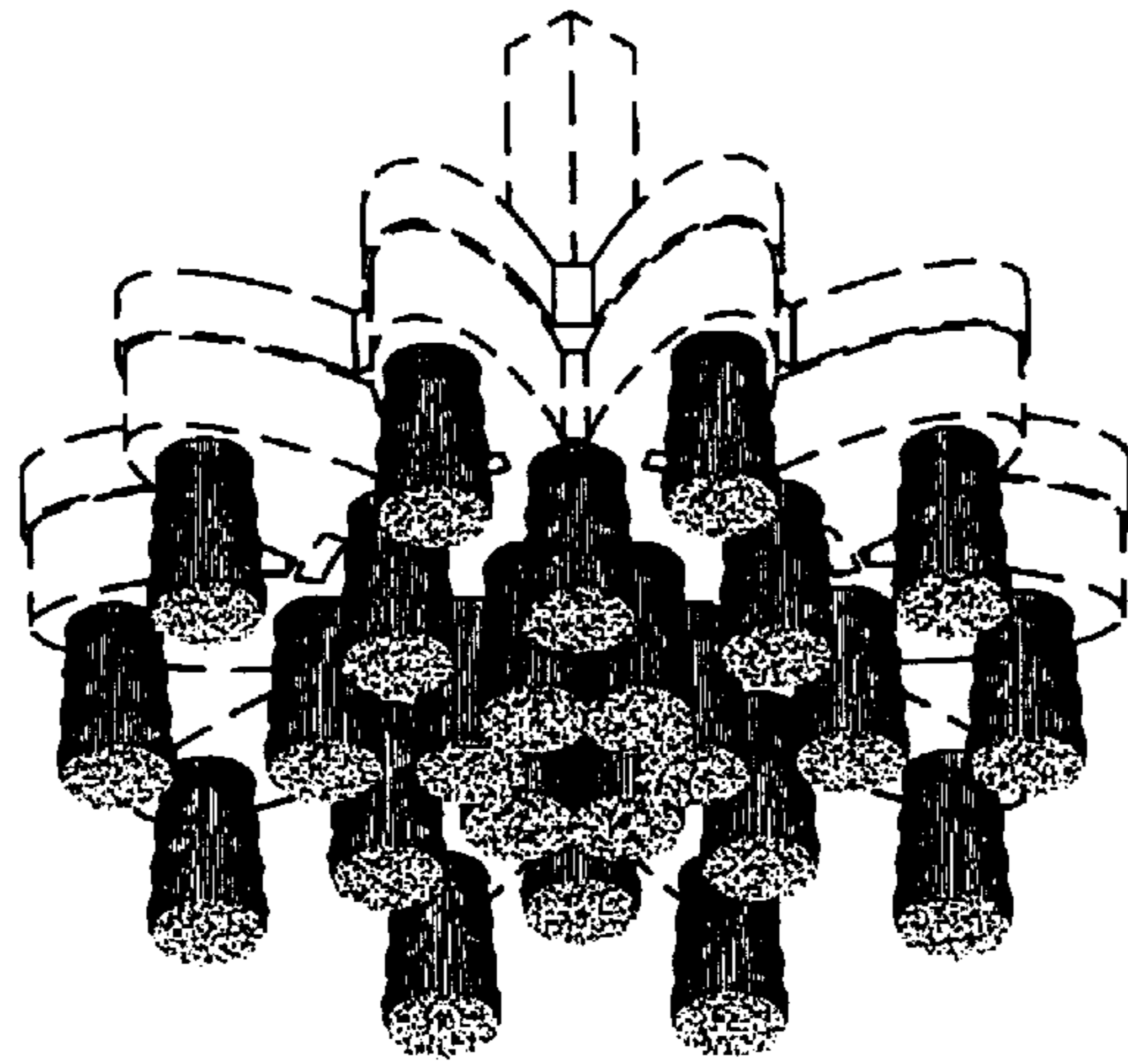


FIG-1



FIG-2

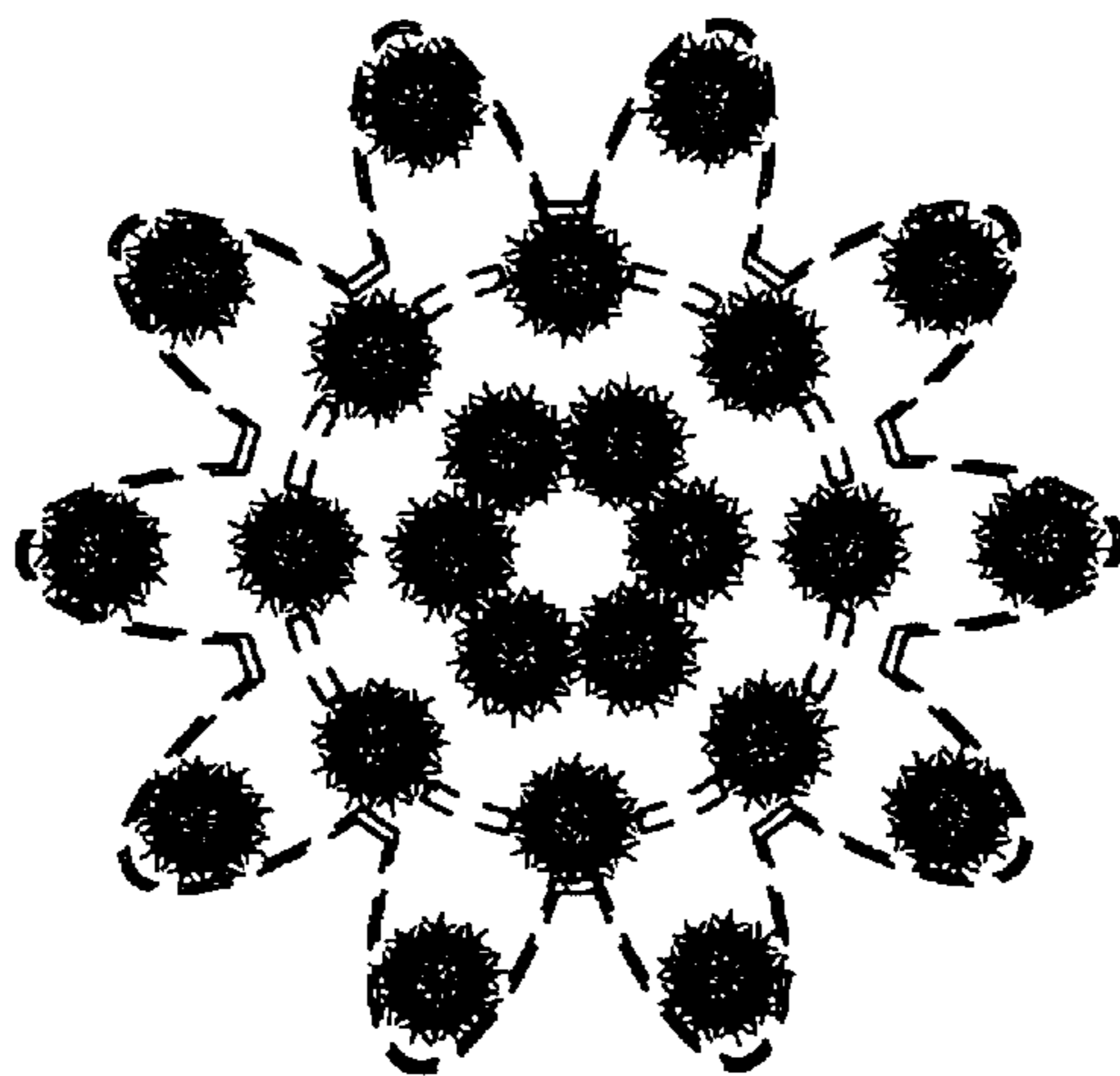


FIG-3