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(12) **United States Design Patent**
Ishibashi

(10) **Patent No.:** **US D800,401 S**

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(54) **ROLLER FOR SUBSTRATE CLEANING**

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(71) Applicant: **EBARA CORPORATION**, Tokyo (JP)

(57) **CLAIM**

(72) Inventor: **Tomoatsu Ishibashi**, Tokyo (JP)

The ornamental design for a roller for substrate cleaning, as shown and described.

(73) Assignee: **EBARA CORPORATION**, Tokyo (JP)

DESCRIPTION

(**) Term: **15 Years**

(21) Appl. No.: **29/558,949**

(22) Filed: **Mar. 23, 2016**

(30) **Foreign Application Priority Data**

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Sep. 24, 2015	(JP)	2015-021001

(51) **LOC (10) Cl.** **15-05**

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

(58) **Field of Classification Search**
USPC D7/387, 393; D32/25, 40, 35
CPC B08B 1/04; B08B 3/08; B08B 3/02; B05C
17/0207; D04H 18/04; H01L 21/67046
See application file for complete search history.

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(Continued)

Primary Examiner — Michael A. Pratt
Assistant Examiner — Michelle E Wilson

FIG. 1 is a first perspective view observed from rear, right and top sides of a first roller for substrate cleaning showing my new design;

FIG. 2 is a second perspective view observed from front, left and top sides thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a top view thereof, a bottom view being identical thereto;

FIG. 5 is a right side view thereof;

FIG. 6 is a left side view thereof;

FIG. 7 is a first perspective view observed from rear, right and top sides of a second roller for substrate cleaning showing my new design;

FIG. 8 is a second perspective view observed from front, left and top sides thereof;

FIG. 9 is a front view thereof;

FIG. 10 is a top view thereof, a bottom view being identical thereto;

FIG. 11 is a right side view thereof;

FIG. 12 is a left side view thereof;

FIG. 13 is a first perspective view observed from rear, right and top sides of a third roller for substrate cleaning showing my new design;

FIG. 14 is a second perspective view observed from front, left and top sides thereof;

FIG. 15 is a front view thereof;

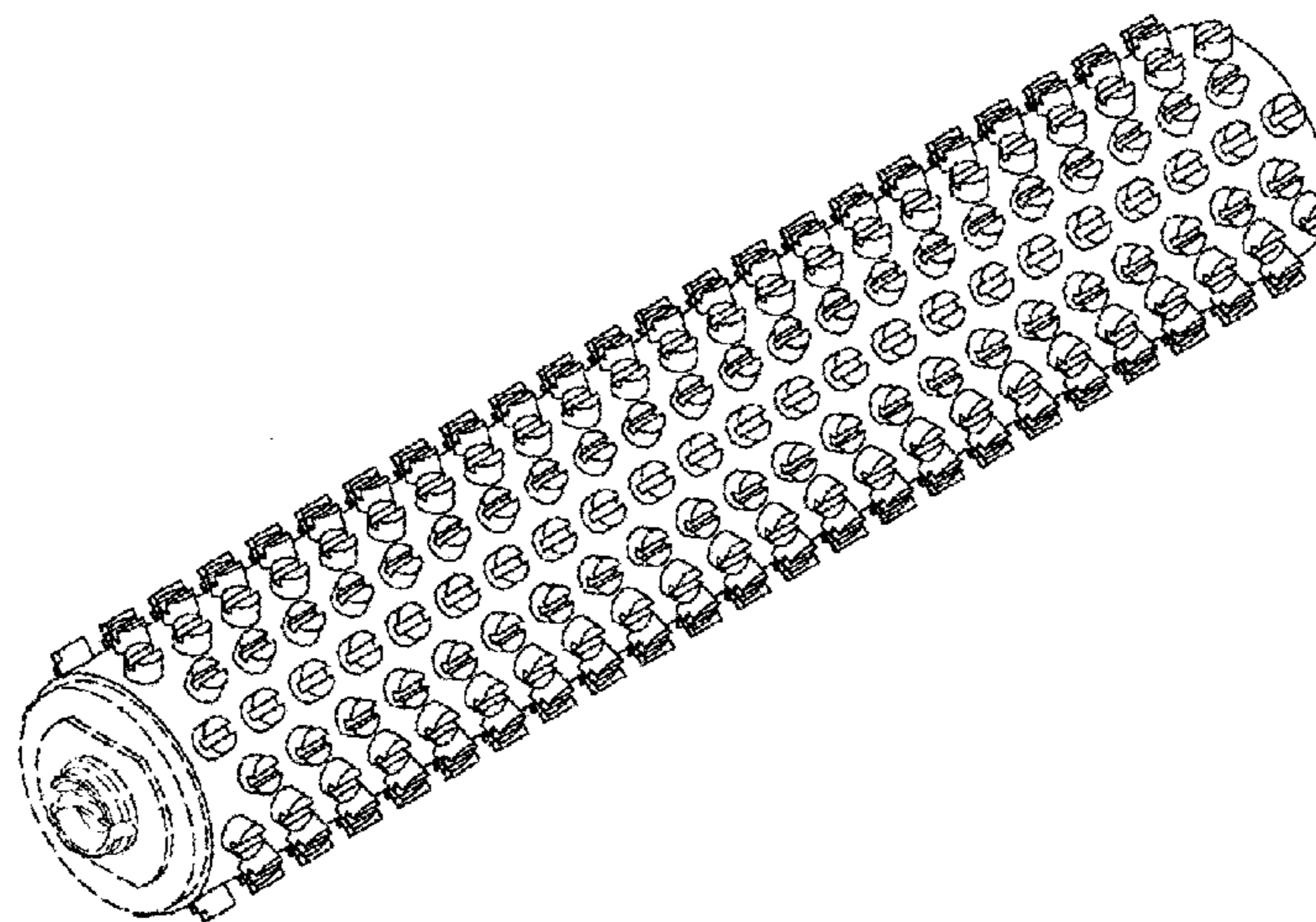
FIG. 16 is a top view thereof, a bottom view being identical thereto;

FIG. 17 is a right side view thereof; and,

FIG. 18 is a left side view thereof.

The broken lines depict environmental subject matter only and form no part of the claimed design.

1 Claim, 15 Drawing Sheets



(56)

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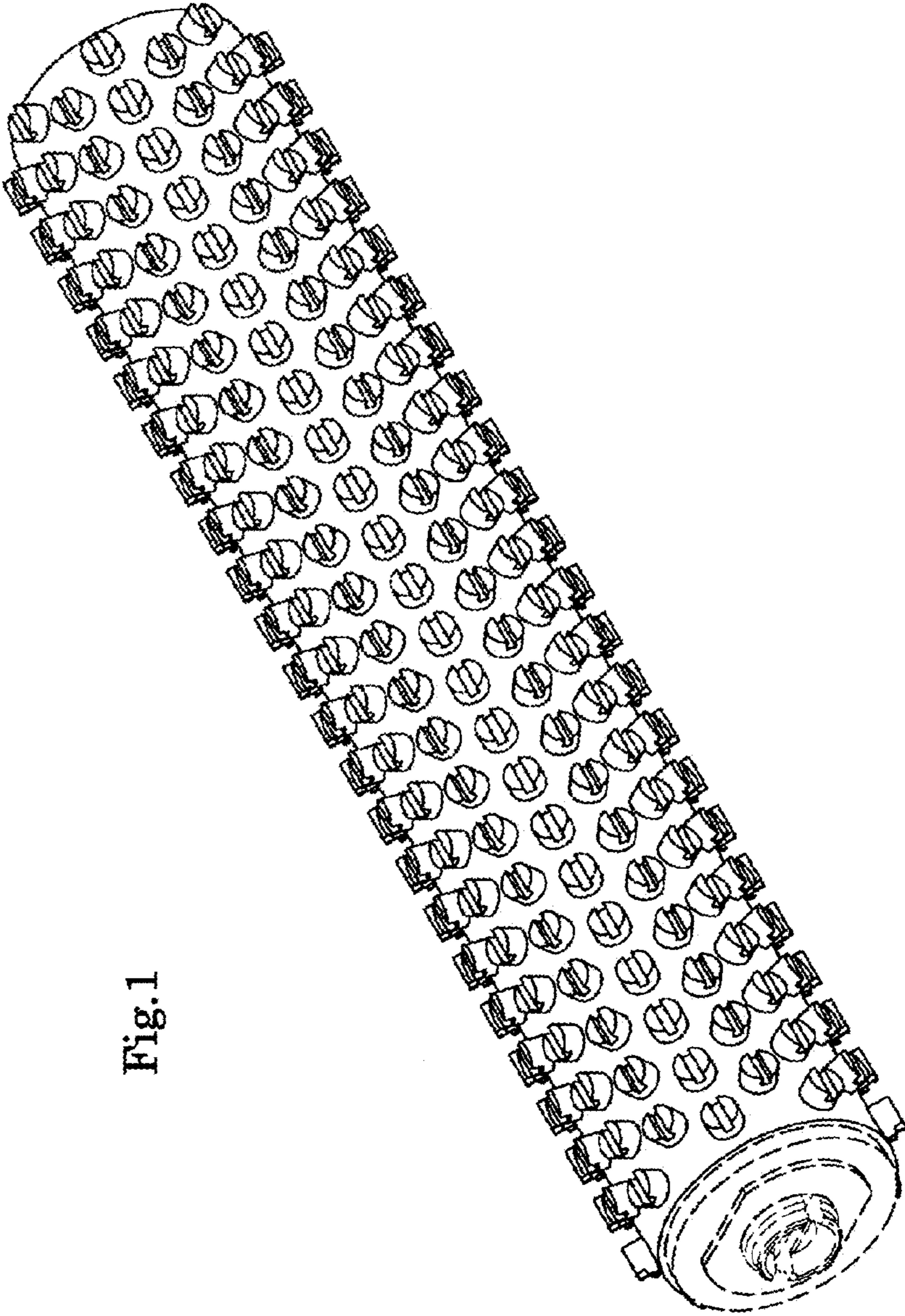


Fig.1

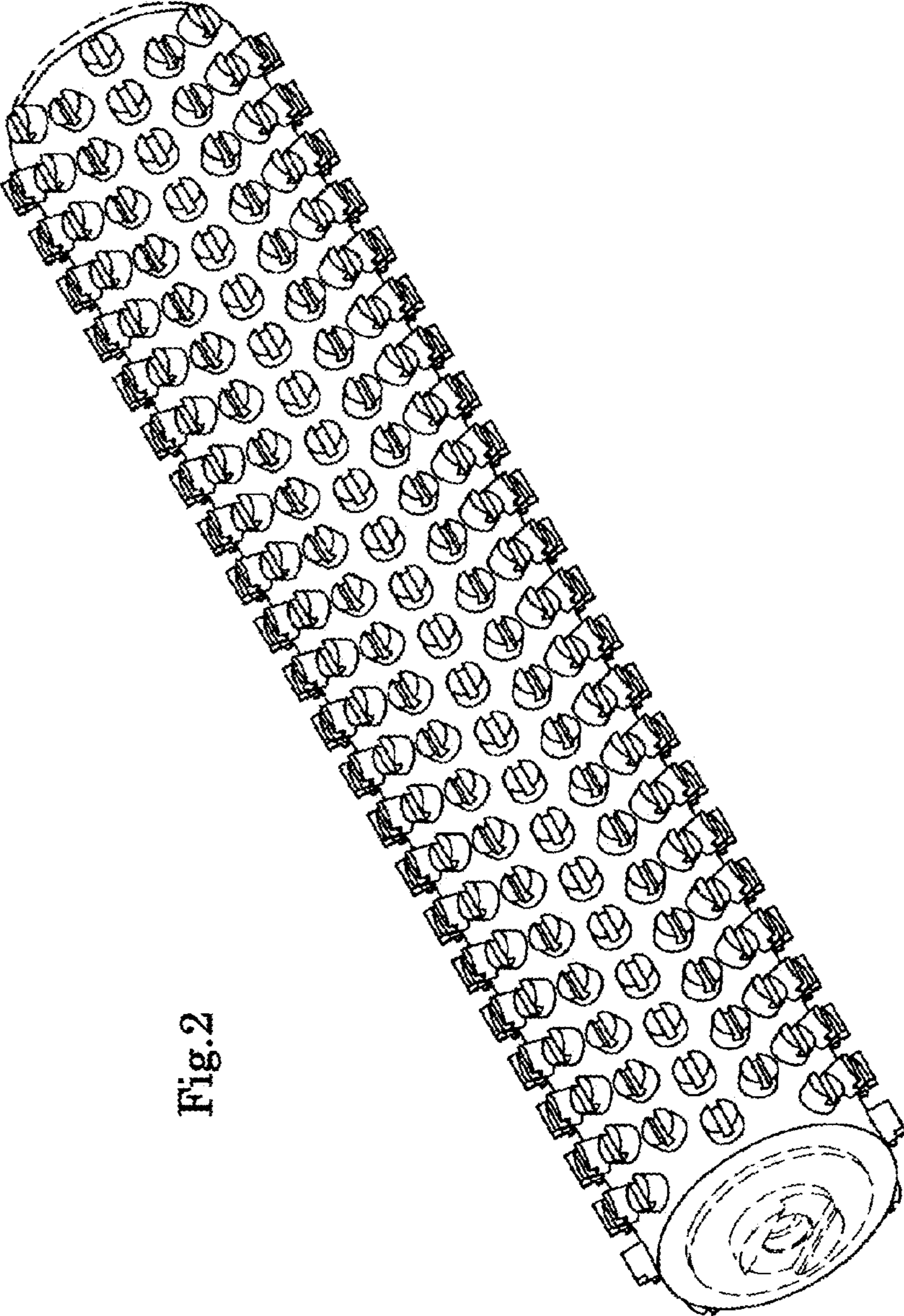


Fig.2

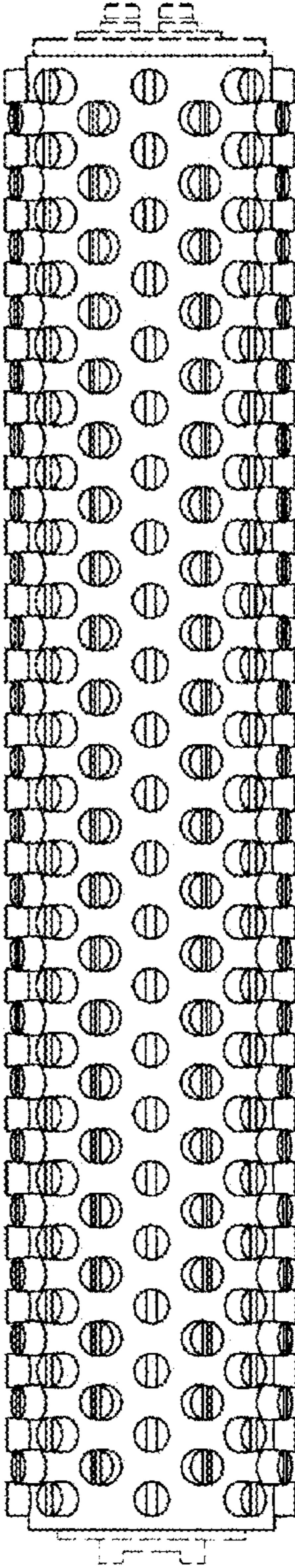


Fig.3

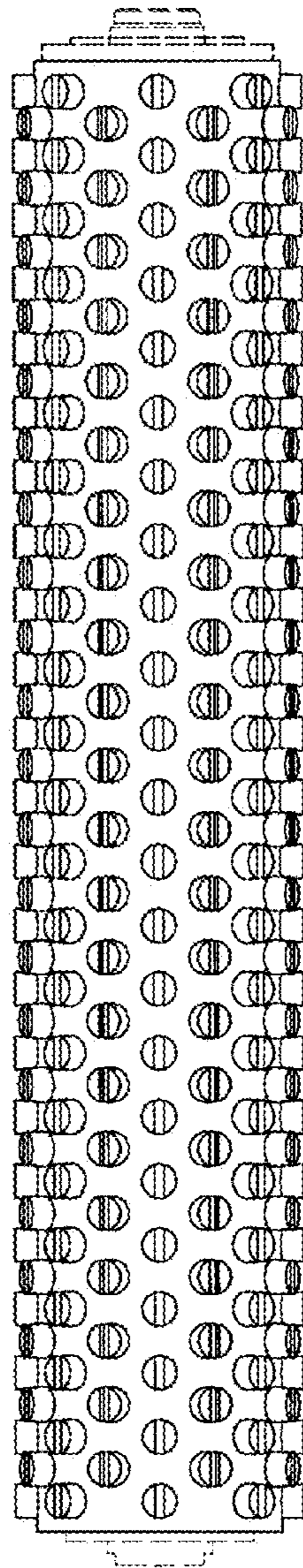


Fig.4

Fig.5

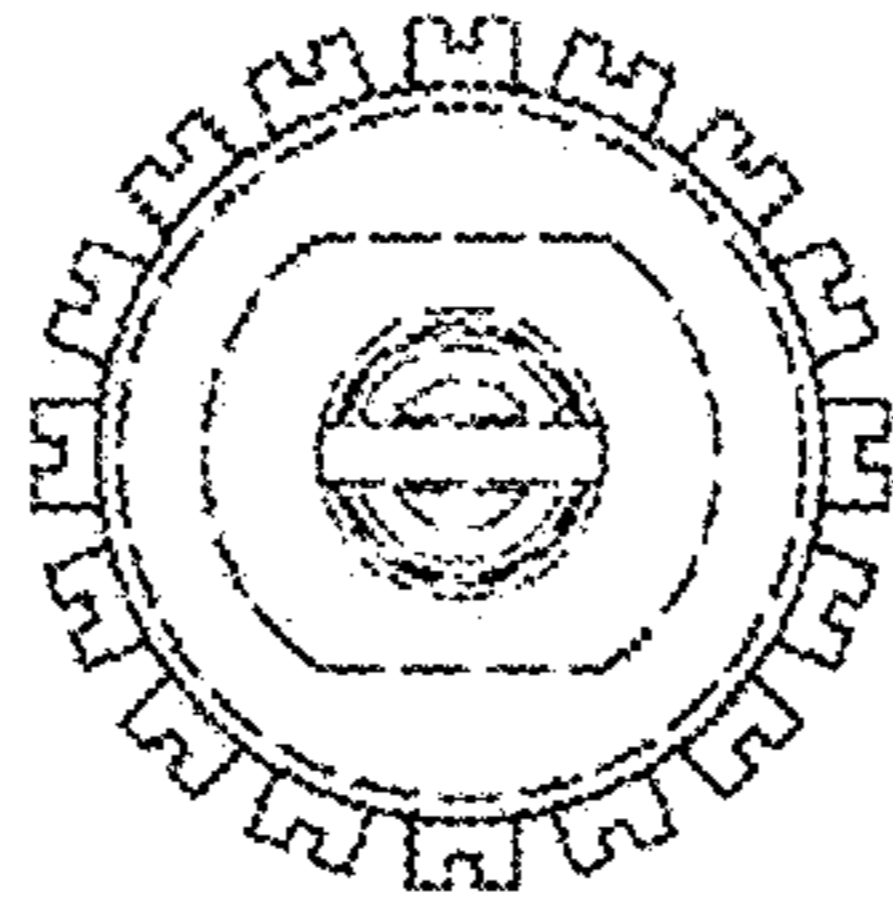
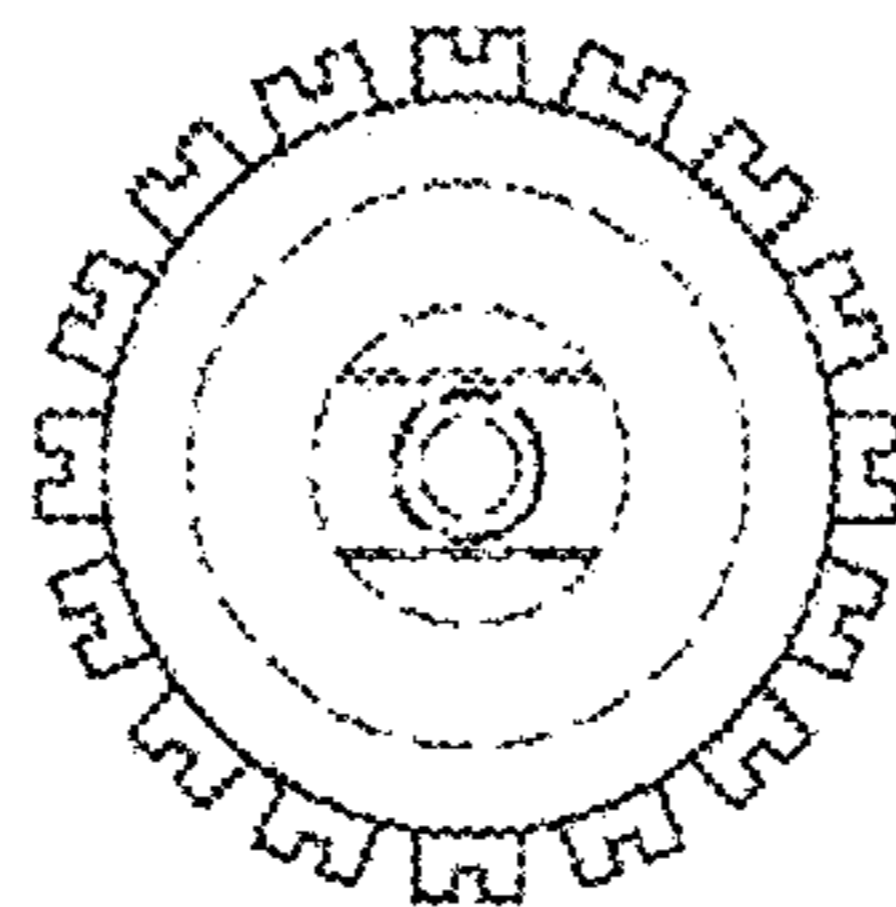


Fig.6



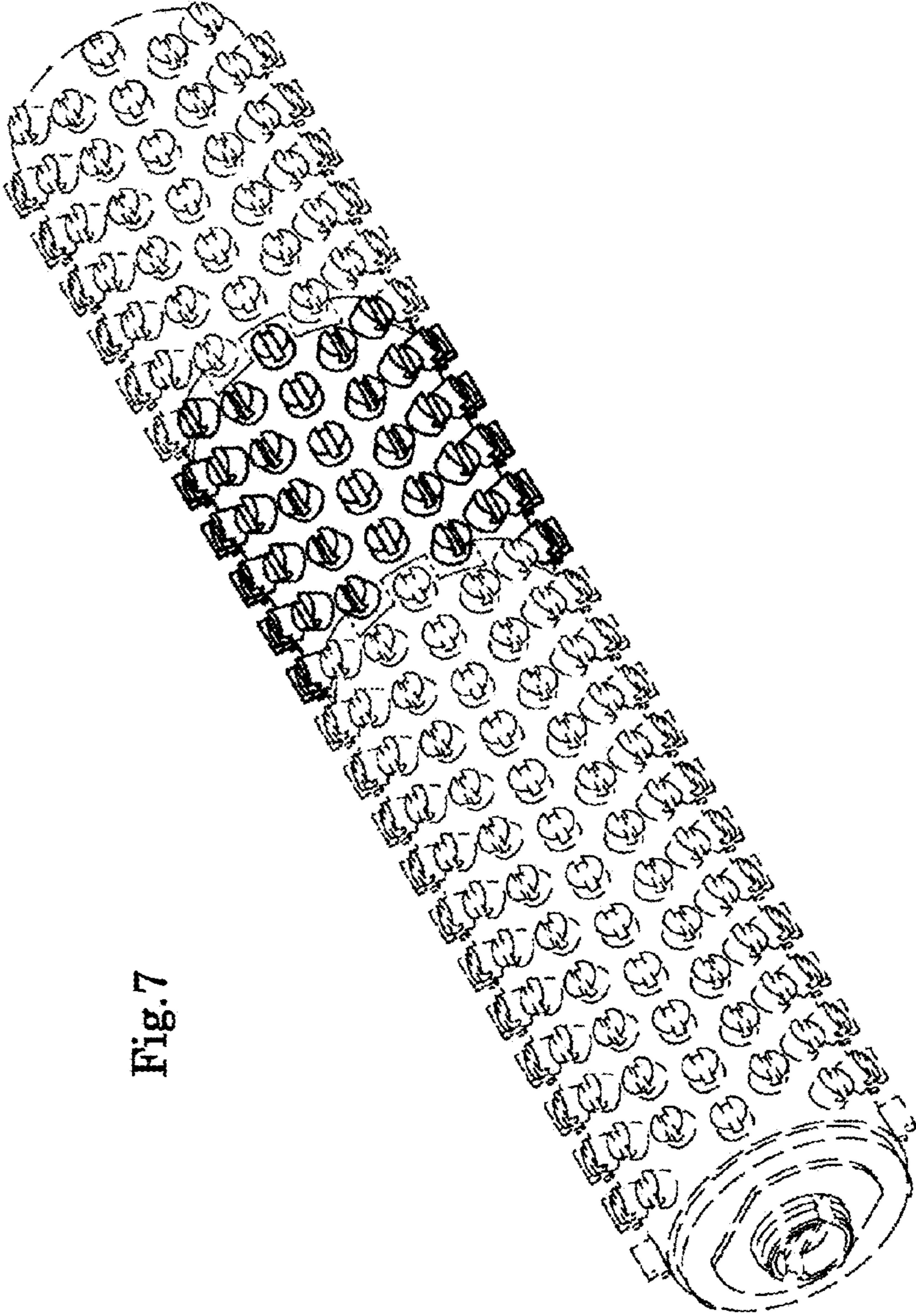


Fig. 7

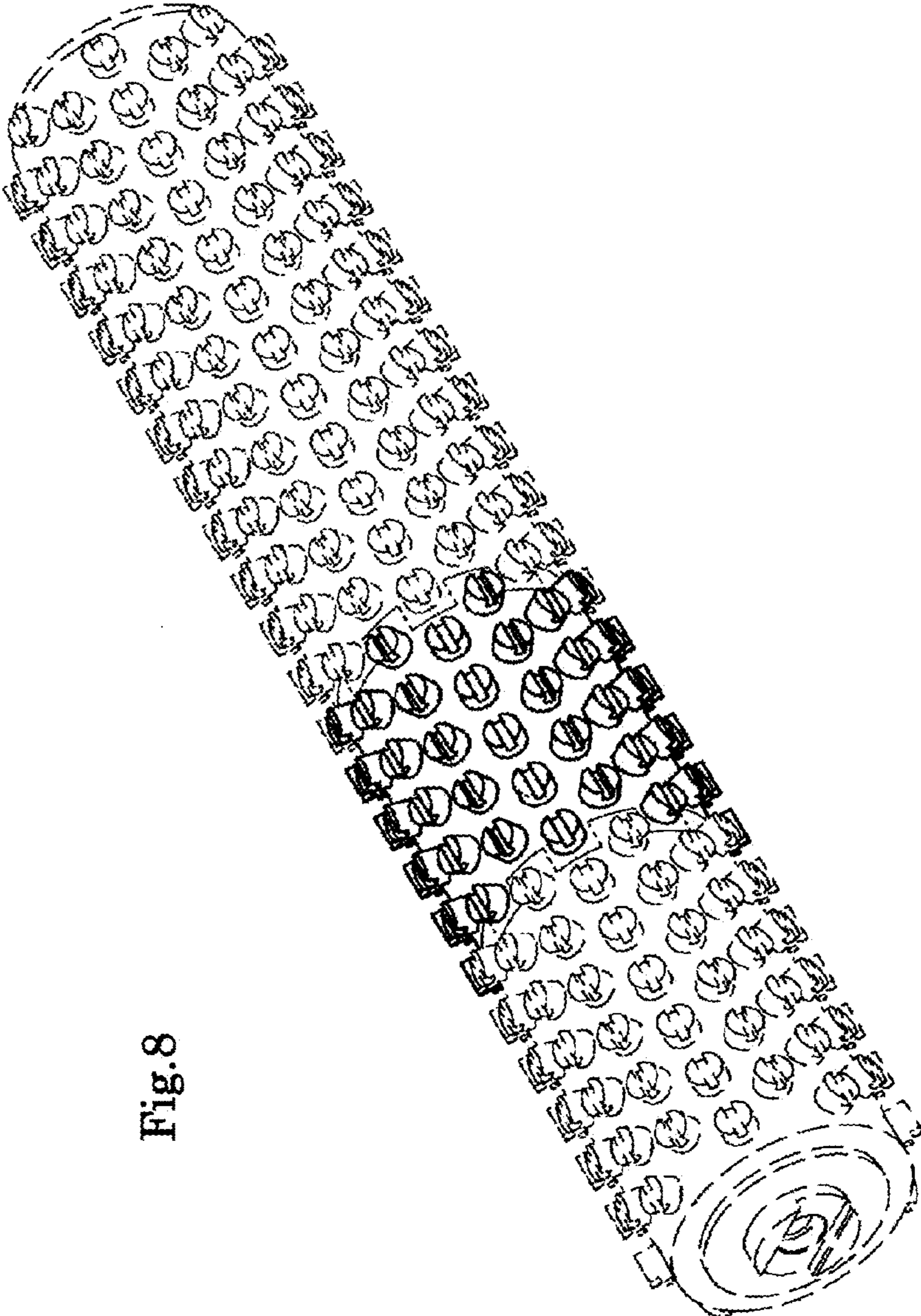


Fig. 8

Fig.9

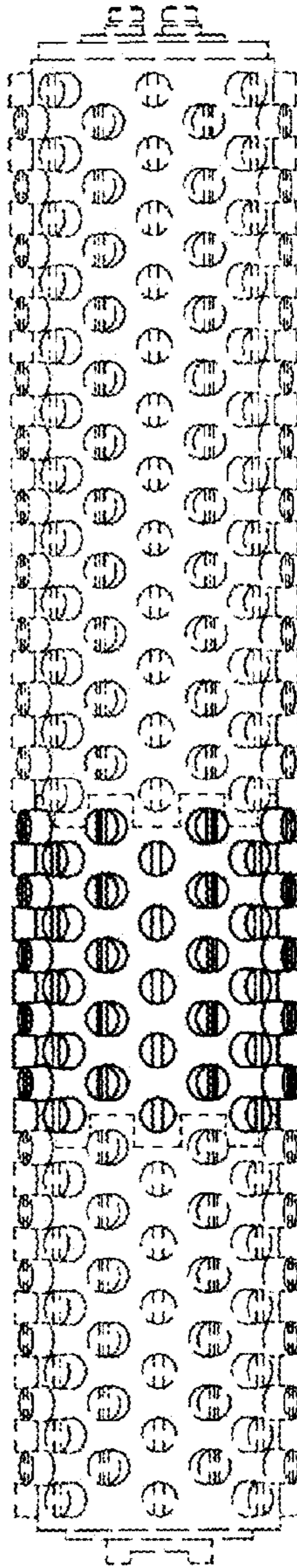


Fig.10

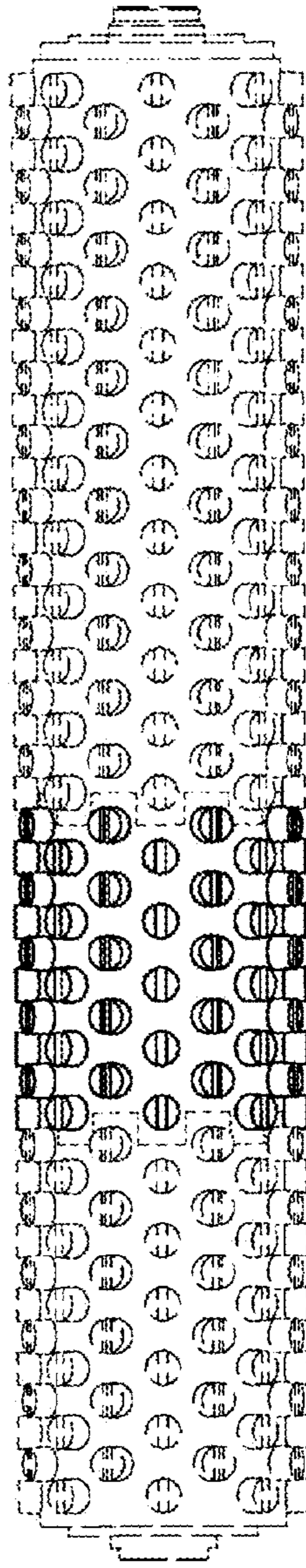


Fig.11

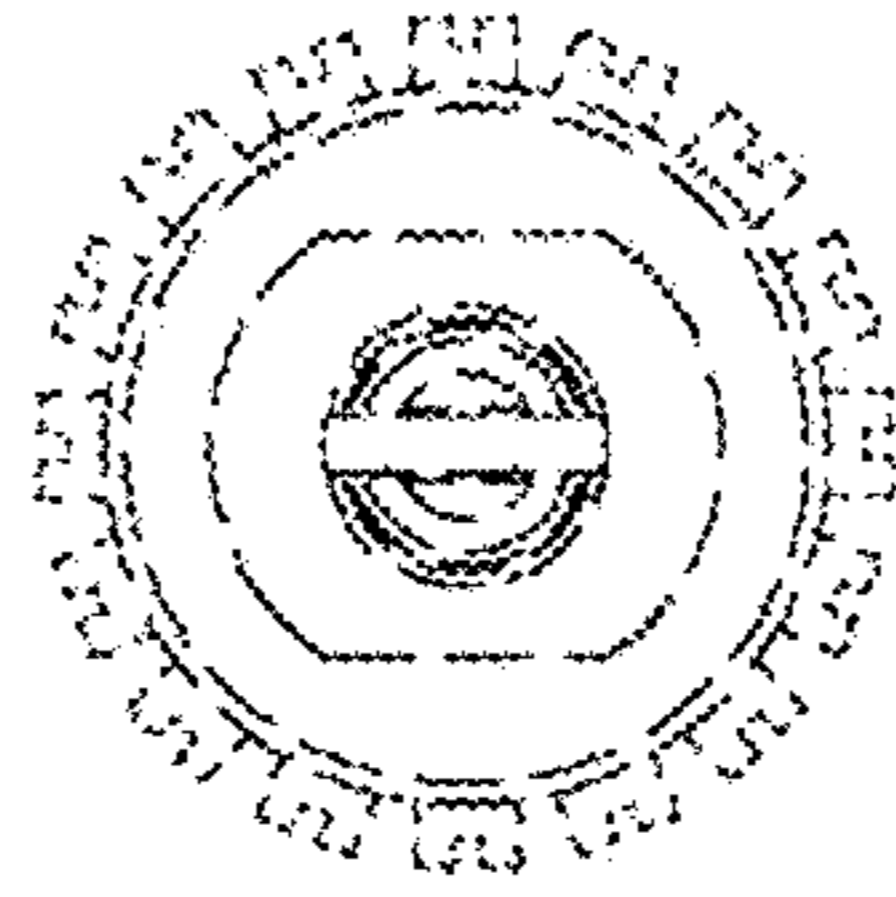
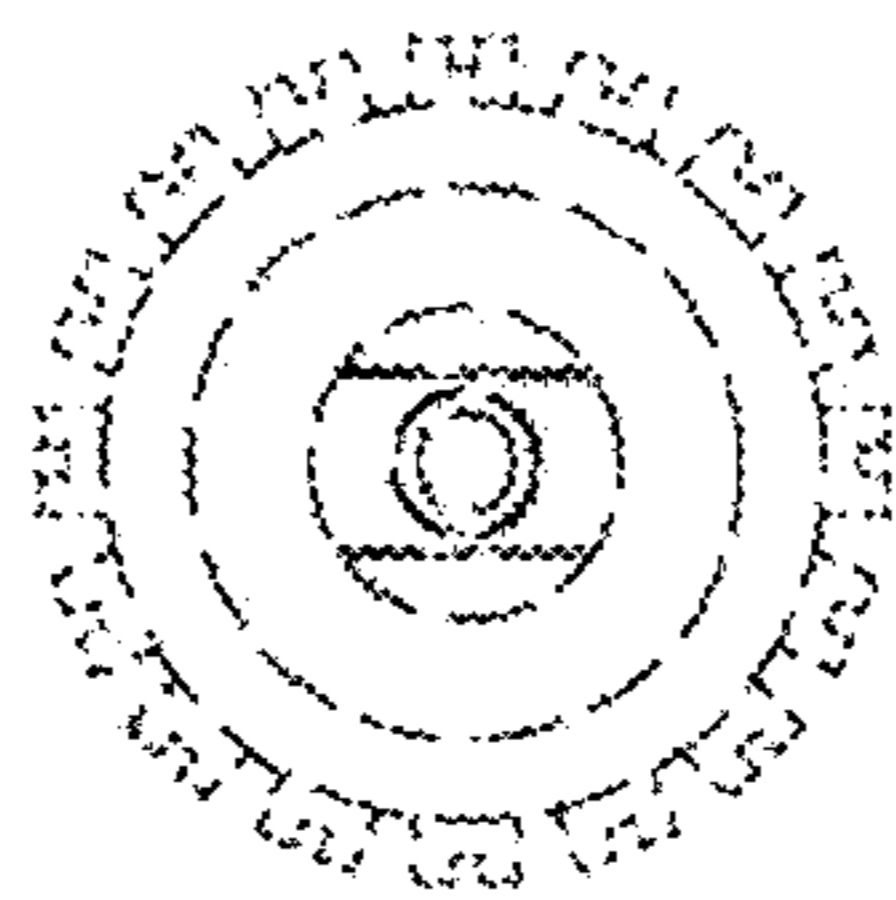


Fig.12



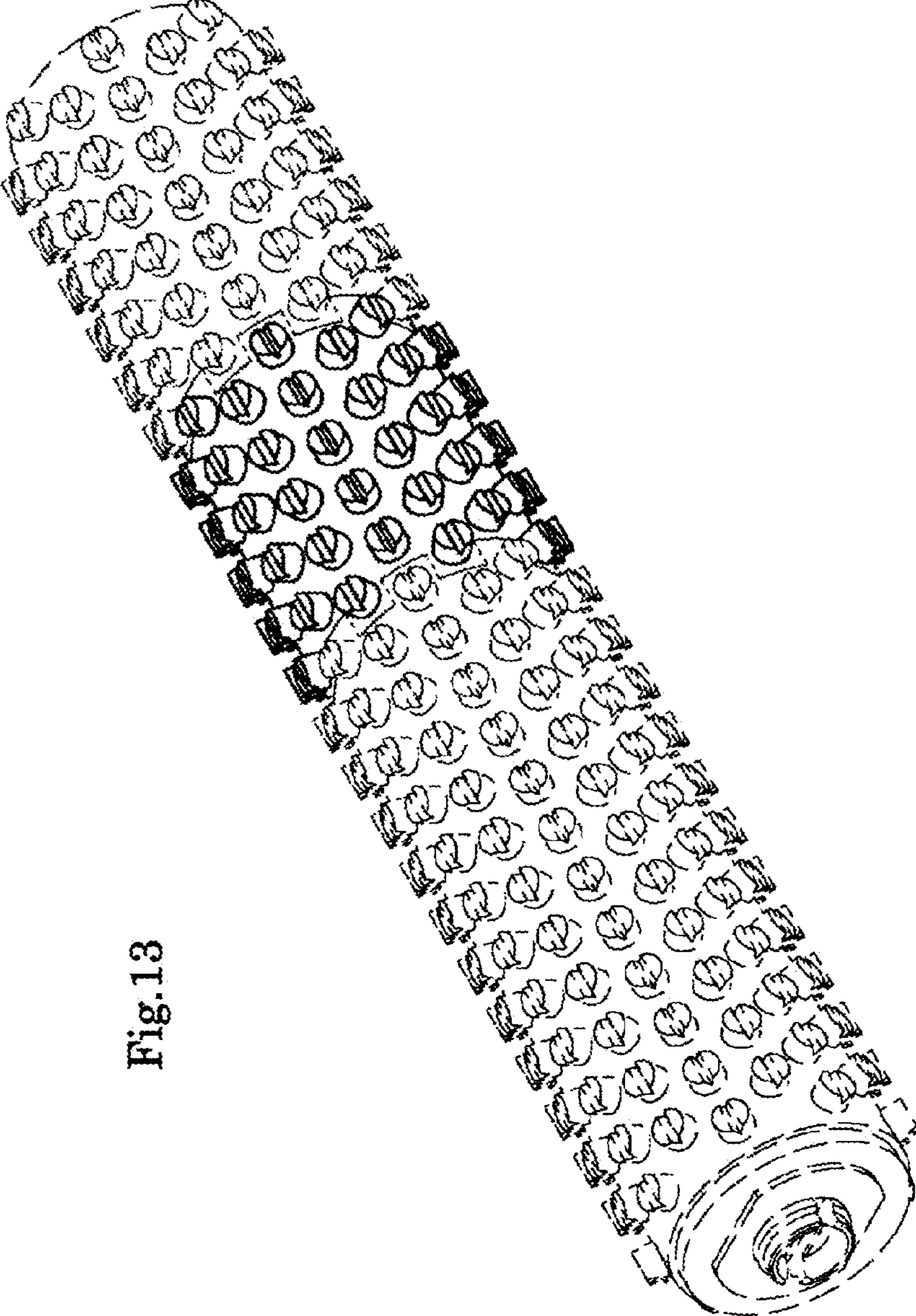


Fig. 13

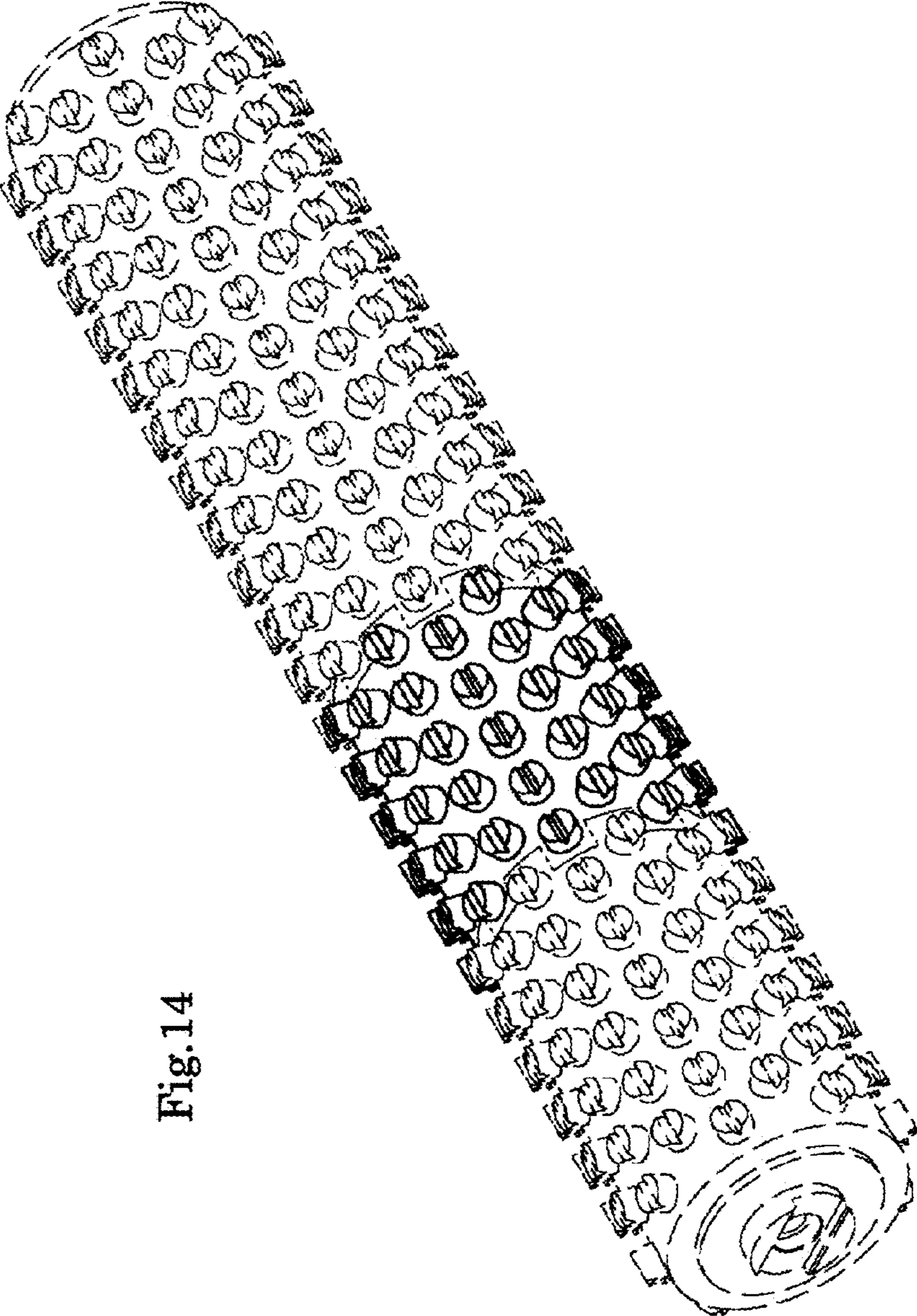


Fig.14

Fig. 15

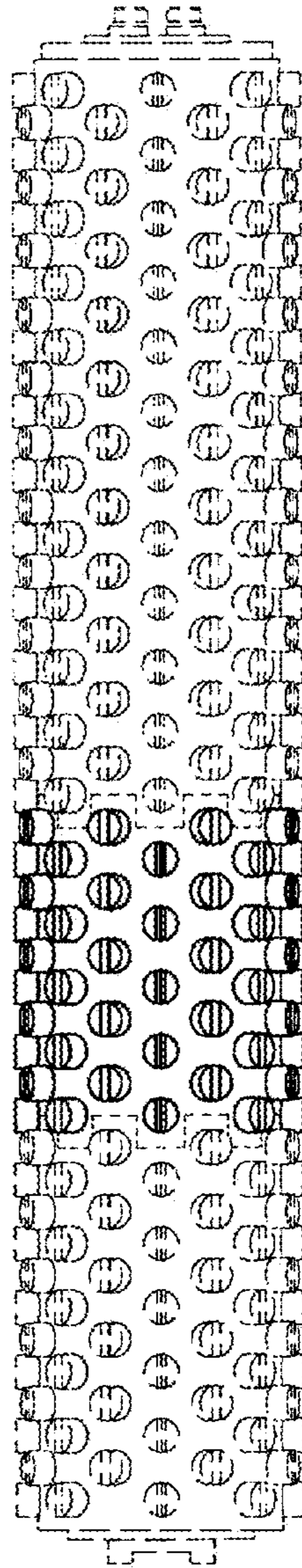


Fig.16

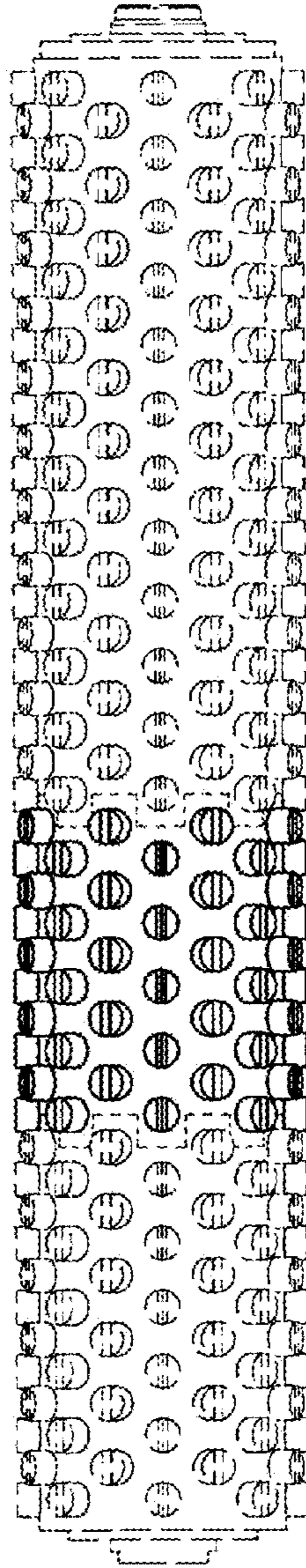


Fig.17

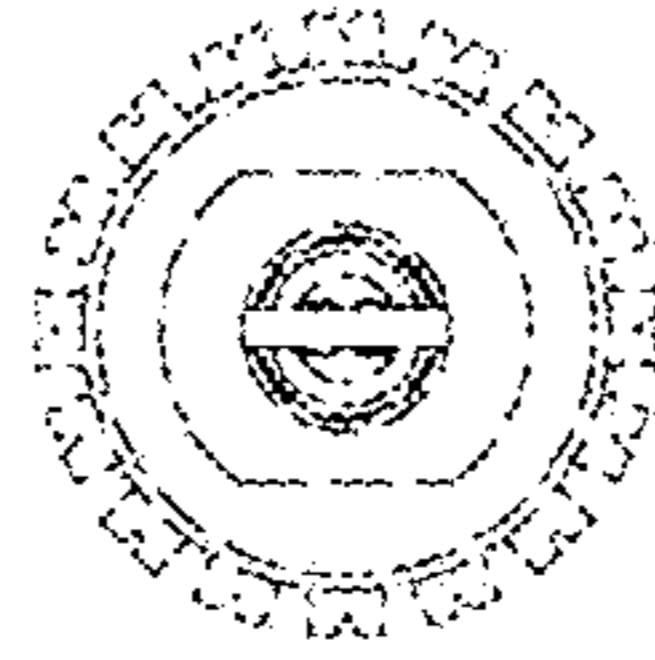


Fig.18

