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

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(54) **CAP GRIPPER**  
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(\*\*) Term: **14 Years**  
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(52) **U.S. Cl. .... D8/40**  
(58) **Field of Search .... D8/33-43, 18, D8/19; 30/400-443; 81/3.07-3.49; 7/151-156**

2,631,482 3/1953 Rinehart .  
2,761,337 9/1956 Daniel .  
2,985,044 \* 5/1961 Gill ..... 81/3.4  
3,038,178 \* 6/1962 Schmacher ..... 7/151  
3,600,982 8/1971 Tholen .  
3,812,741 \* 5/1974 Heine ..... 81/3.4  
4,001,904 \* 1/1977 Gill ..... 7/151  
4,337,678 \* 7/1982 Mumford ..... 81/3.4  
4,414,865 \* 11/1983 Brooks et al. .... 81/3.09  
4,433,597 \* 2/1984 Rowland ..... 81/3.09  
4,660,445 \* 4/1987 Windom ..... 81/3.43  
4,702,129 10/1987 Allen .  
4,760,763 8/1988 Trick et al. .  
4,766,781 8/1988 Grise et al. .  
5,836,221 11/1998 Hystead .

\* cited by examiner

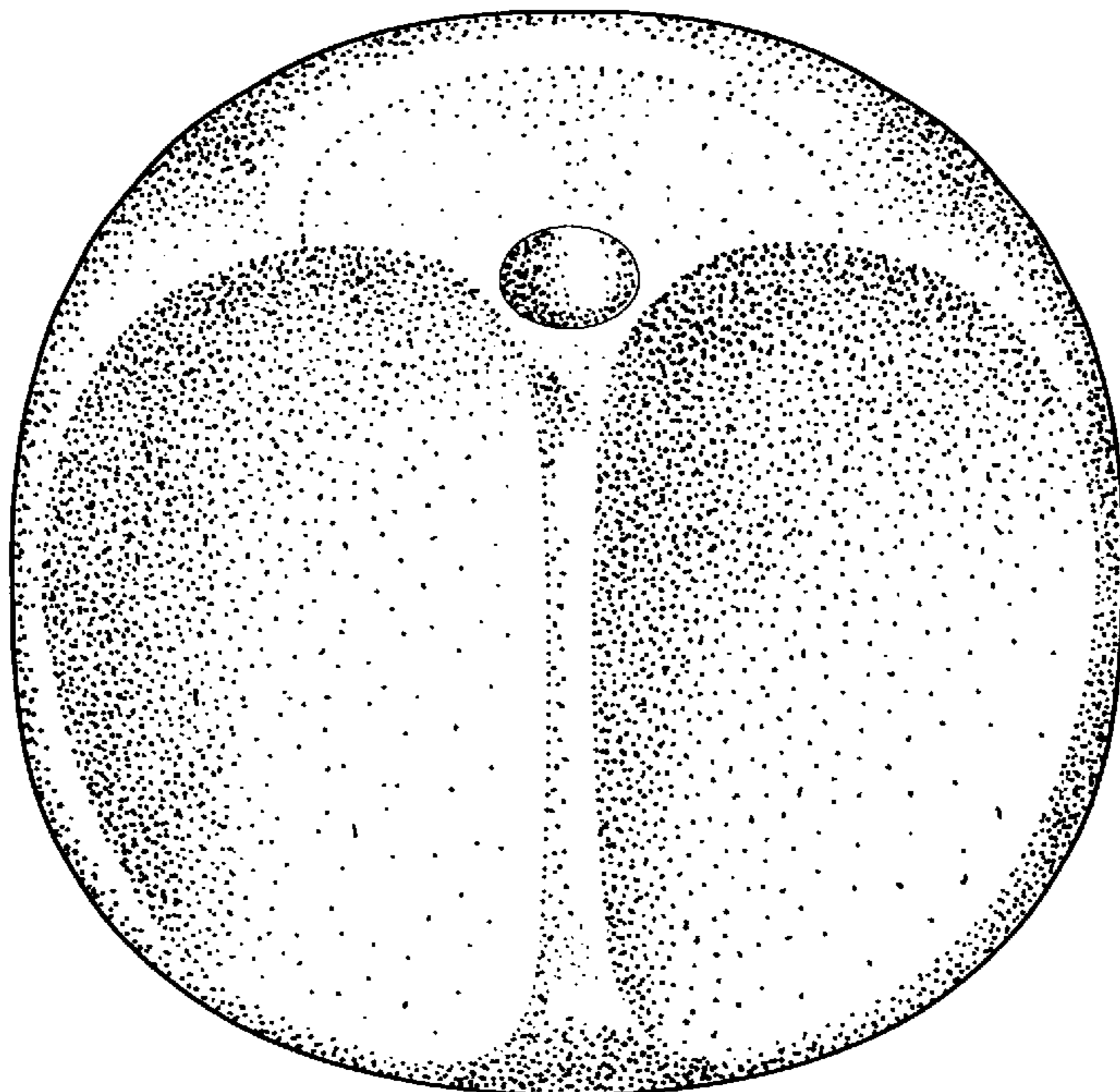
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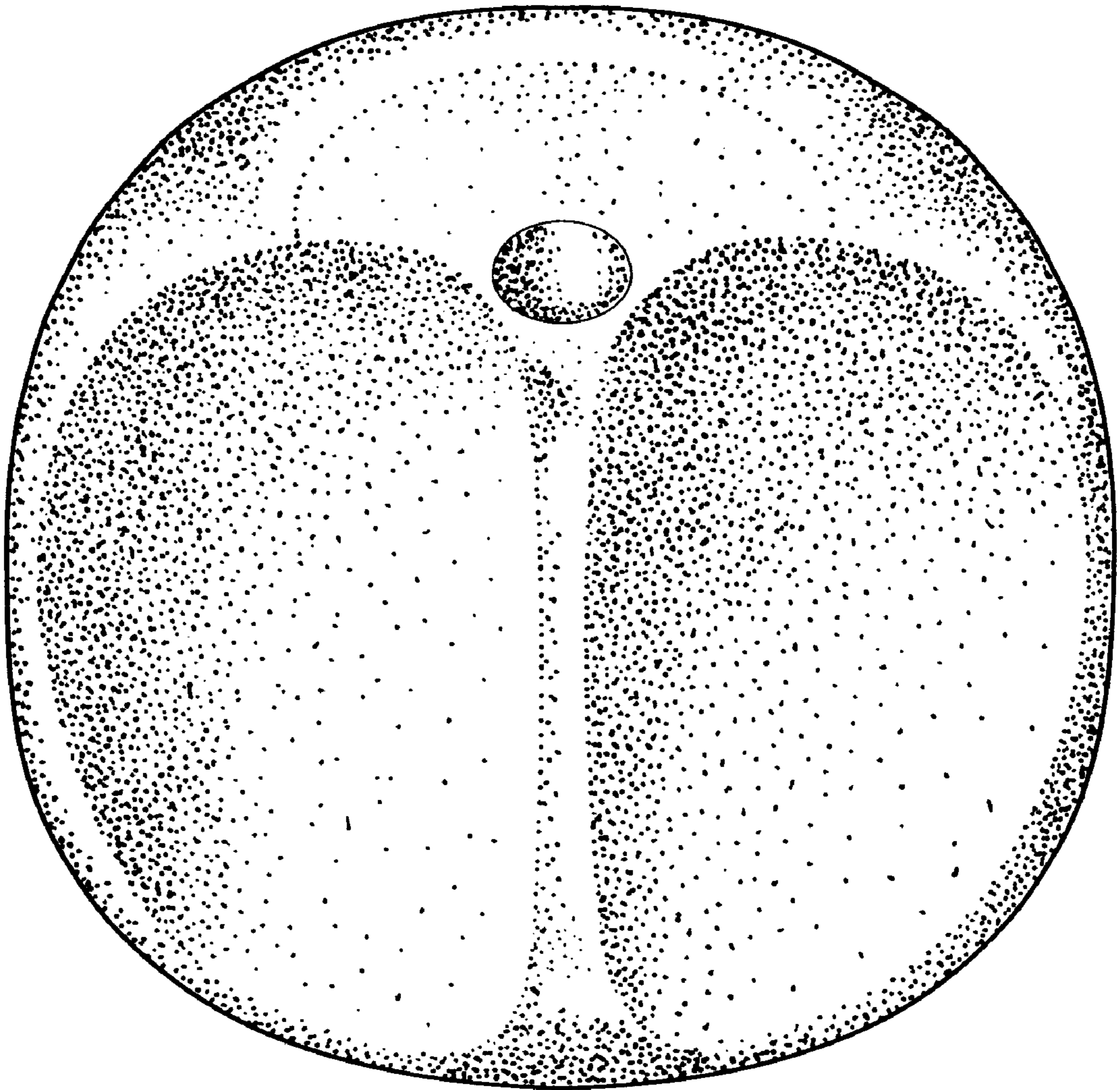
(56) **References Cited**  
**U.S. PATENT DOCUMENTS**  
D. 161,569 1/1951 Bushman .  
D. 184,726 3/1959 Gill .  
D. 193,899 10/1962 Harrison .  
D. 249,452 9/1978 Gendron .  
D. 261,854 11/1981 Nielson .  
D. 277,160 1/1985 Antone .  
D. 280,594 9/1985 Dow .  
D. 320,916 10/1991 Riddle et al. .  
D. 334,326 3/1993 Detling .  
D. 365,261 12/1995 Munro .  
D. 381,881 8/1997 Shaul et al. .  
D. 401,127 11/1998 Plantz et al. .  
D. 410,493 \* 6/1999 Leveen et al. .... D19/53  
1,952,660 \* 3/1934 Dryden ..... 81/3.4

(57) **CLAIM**  
The ornamental design for a cap gripper, as shown and described.

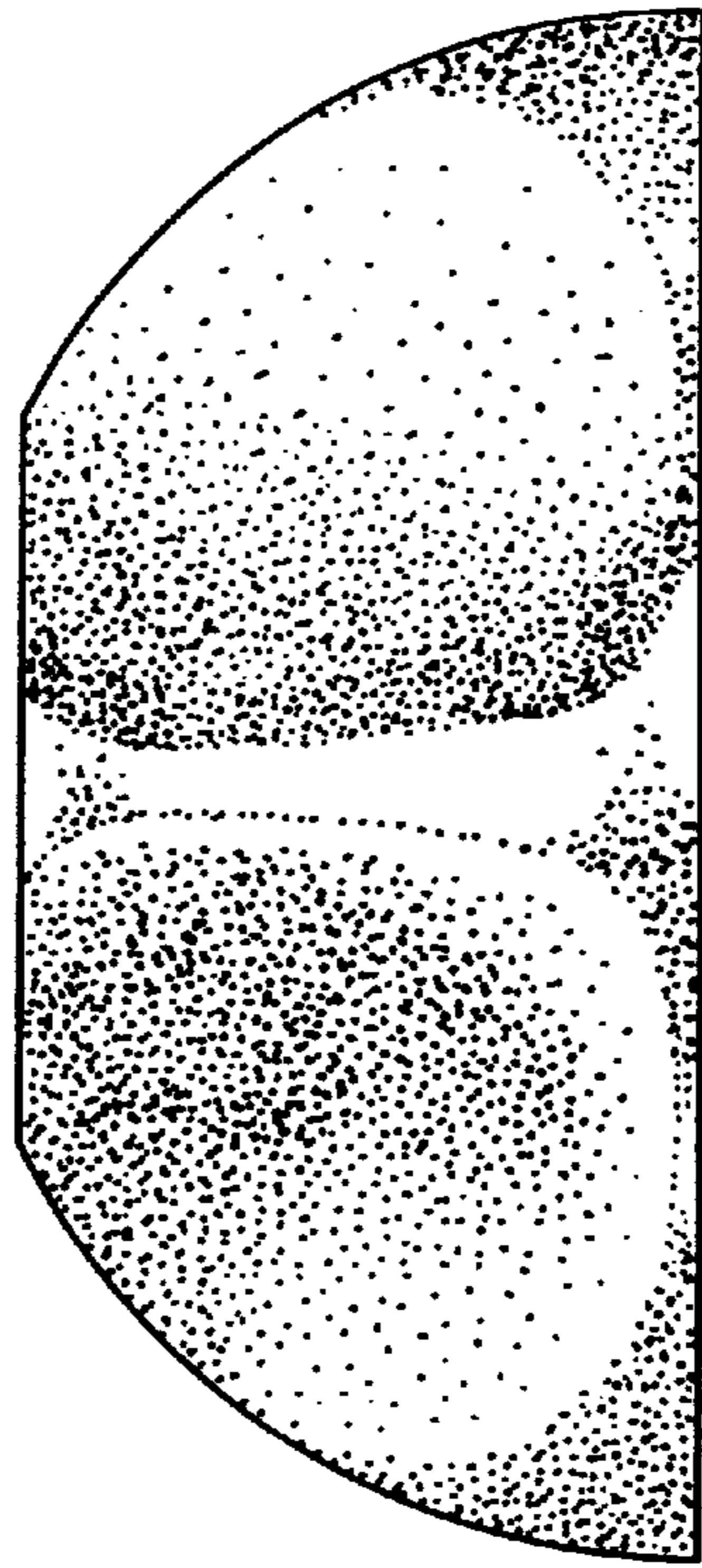
**DESCRIPTION**  
FIG. 1 is a perspective view of a design for a cap gripper in accordance with the present invention;  
FIG. 2 is a rear view of the design of FIG. 1;  
FIG. 3 is a front view of the design of FIG. 1;  
FIG. 4 is a top view of the design of FIG. 1;  
FIG. 5 is a bottom view of the design of FIG. 1;  
FIG. 6 is a right side view of the design of FIG. 1; and,  
FIG. 7 is a left side view of the design of FIG. 1.

**1 Claim, 4 Drawing Sheets**

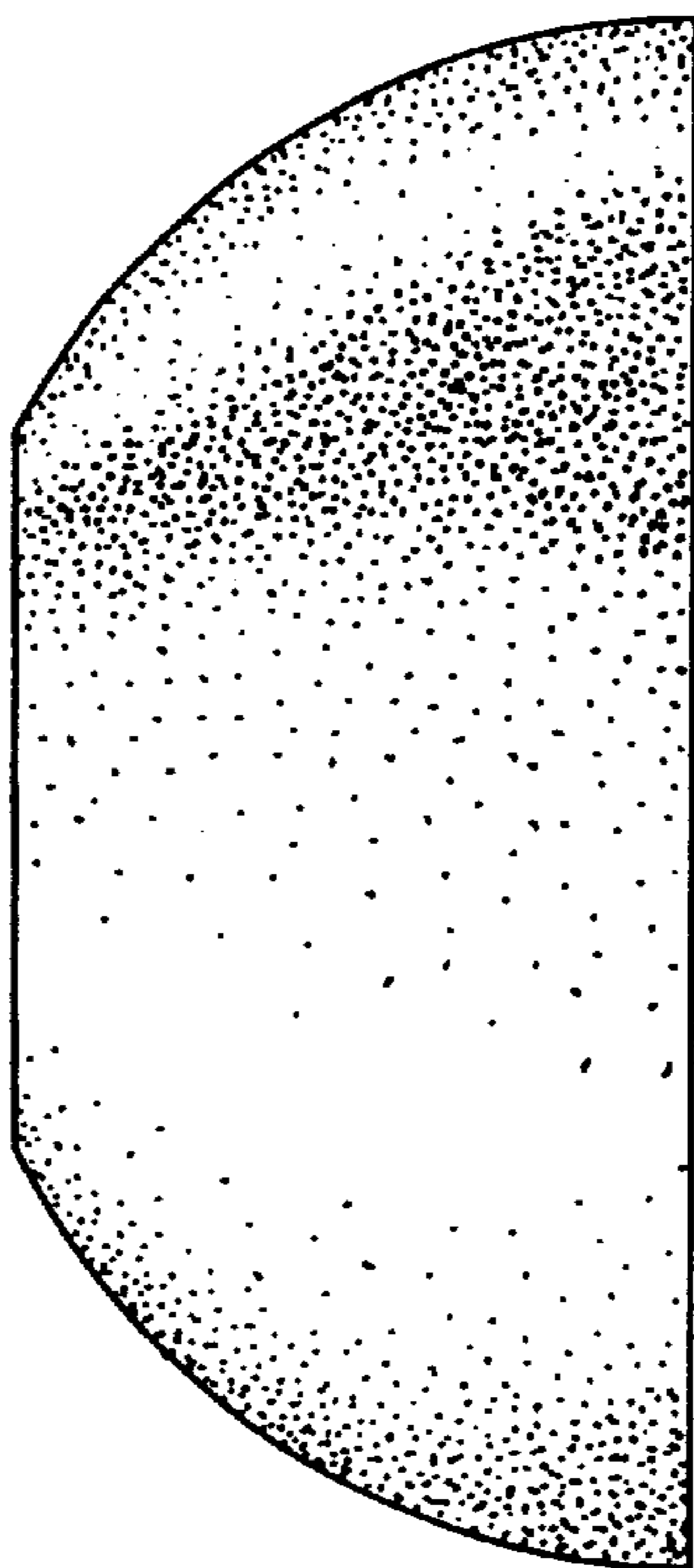




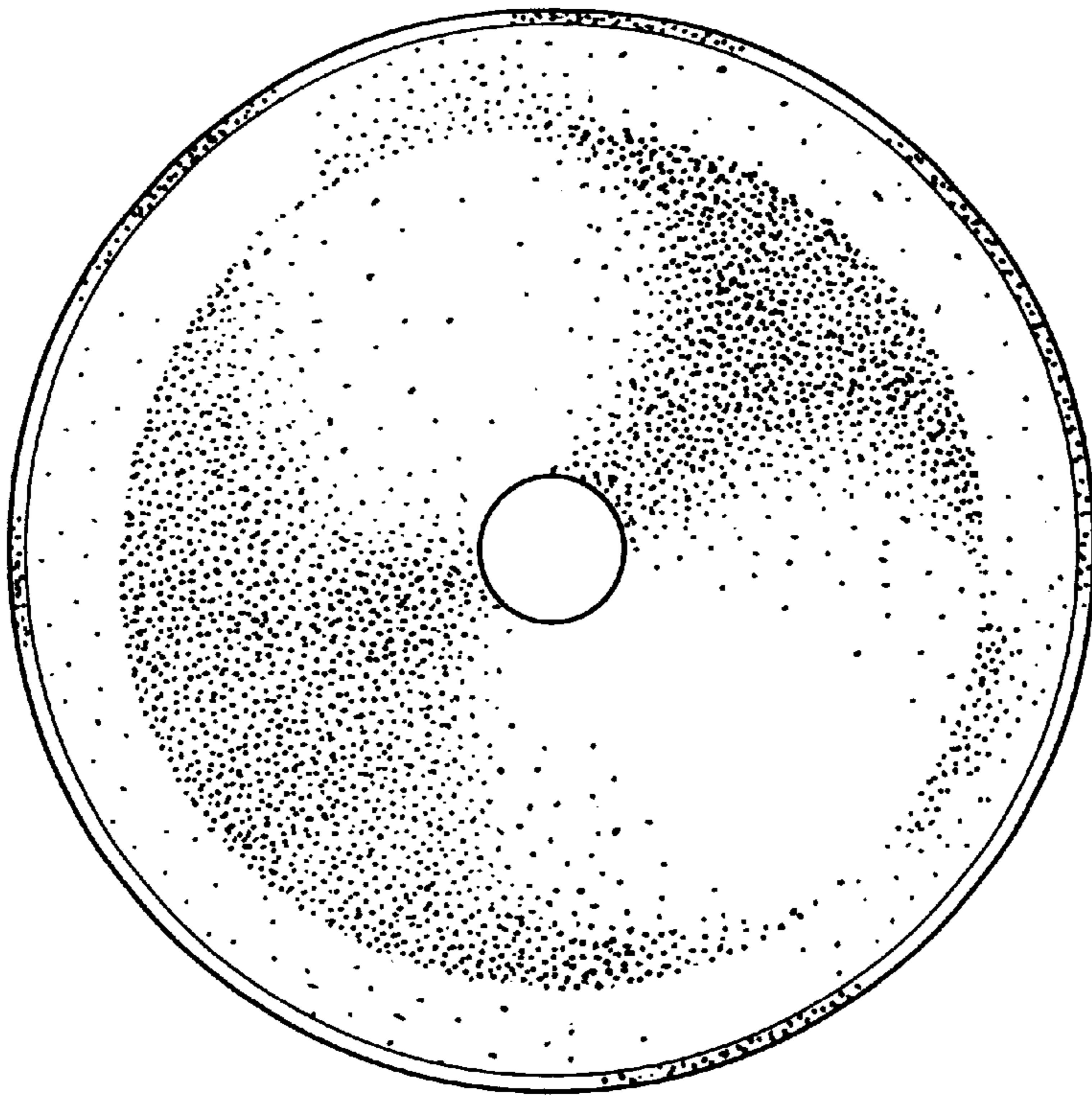
**FIG. 1**



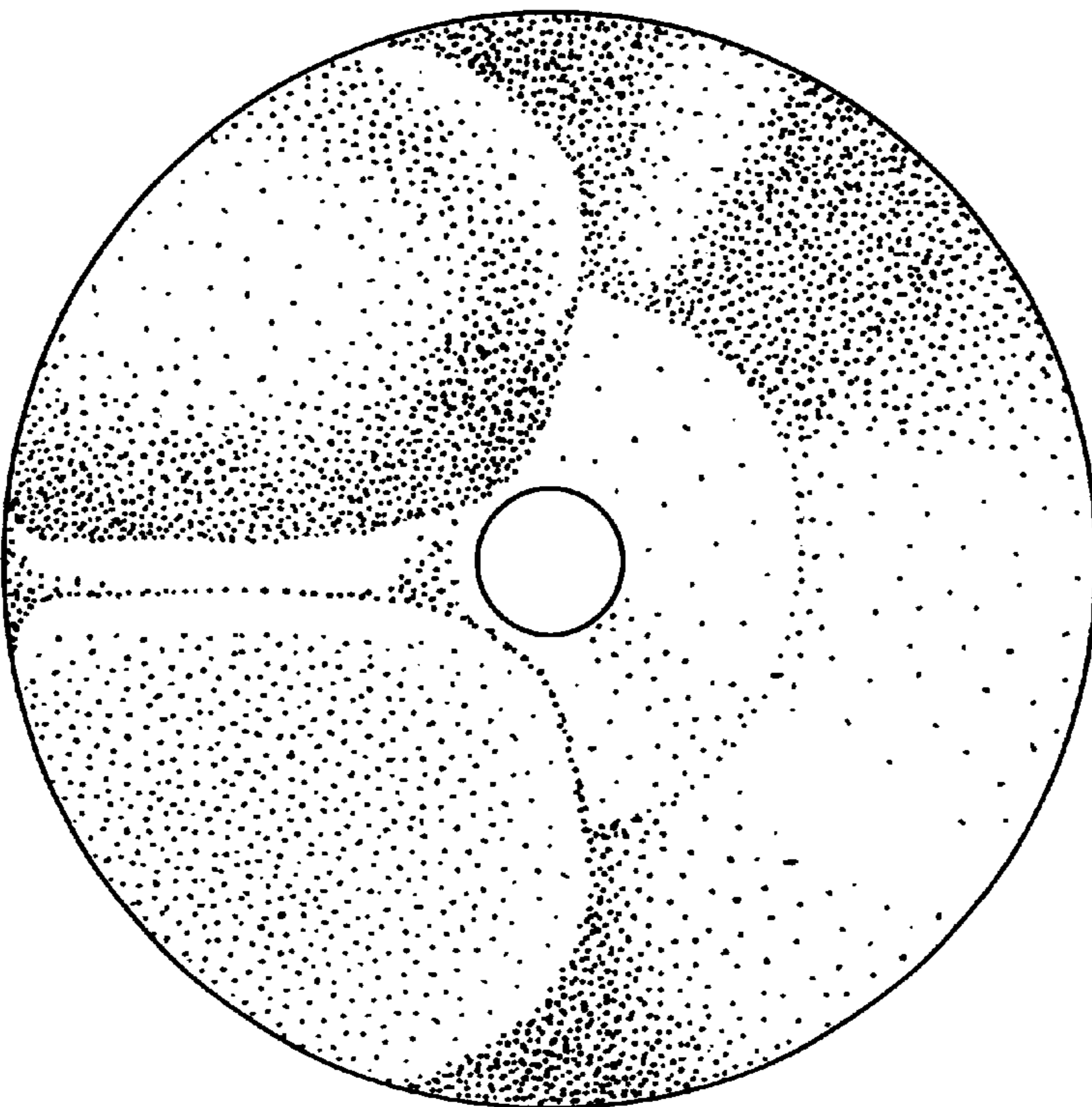
**FIG. 2**



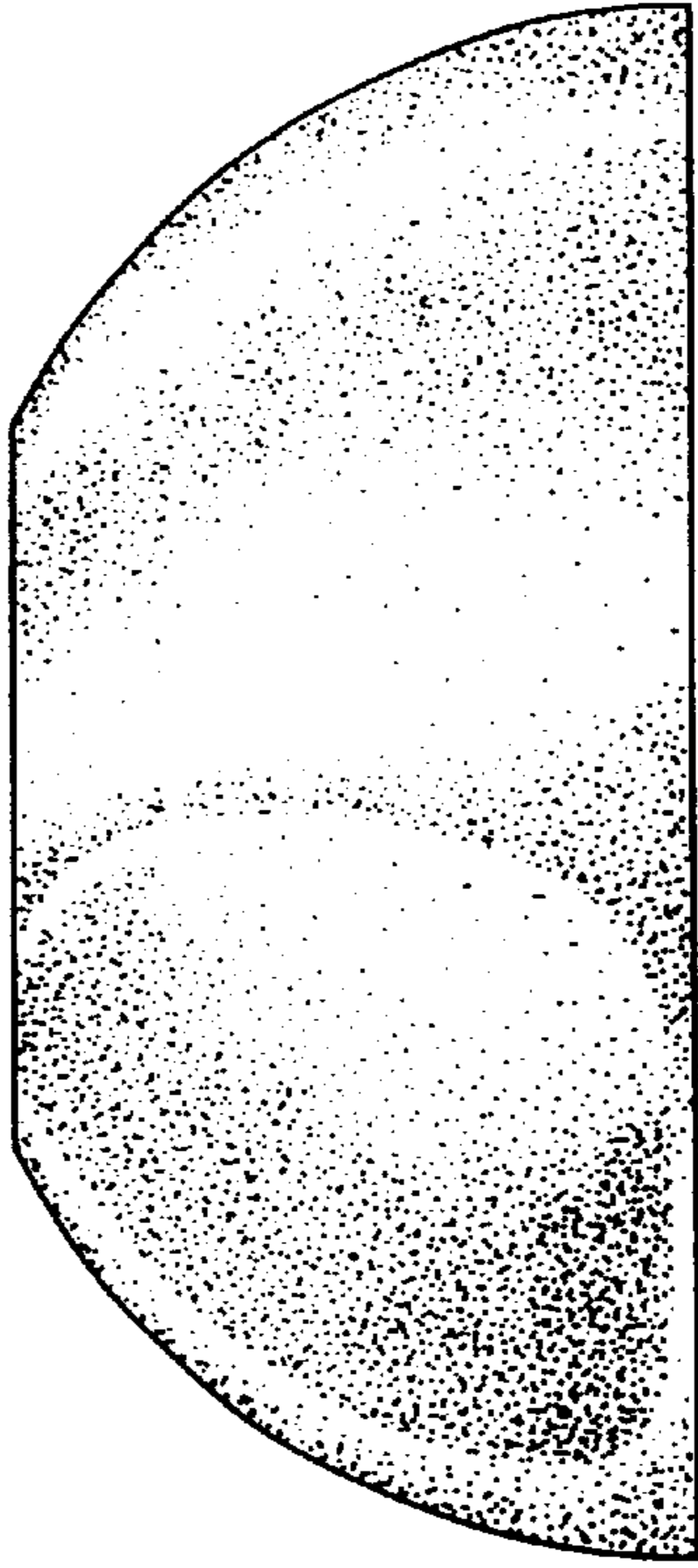
**FIG. 3**



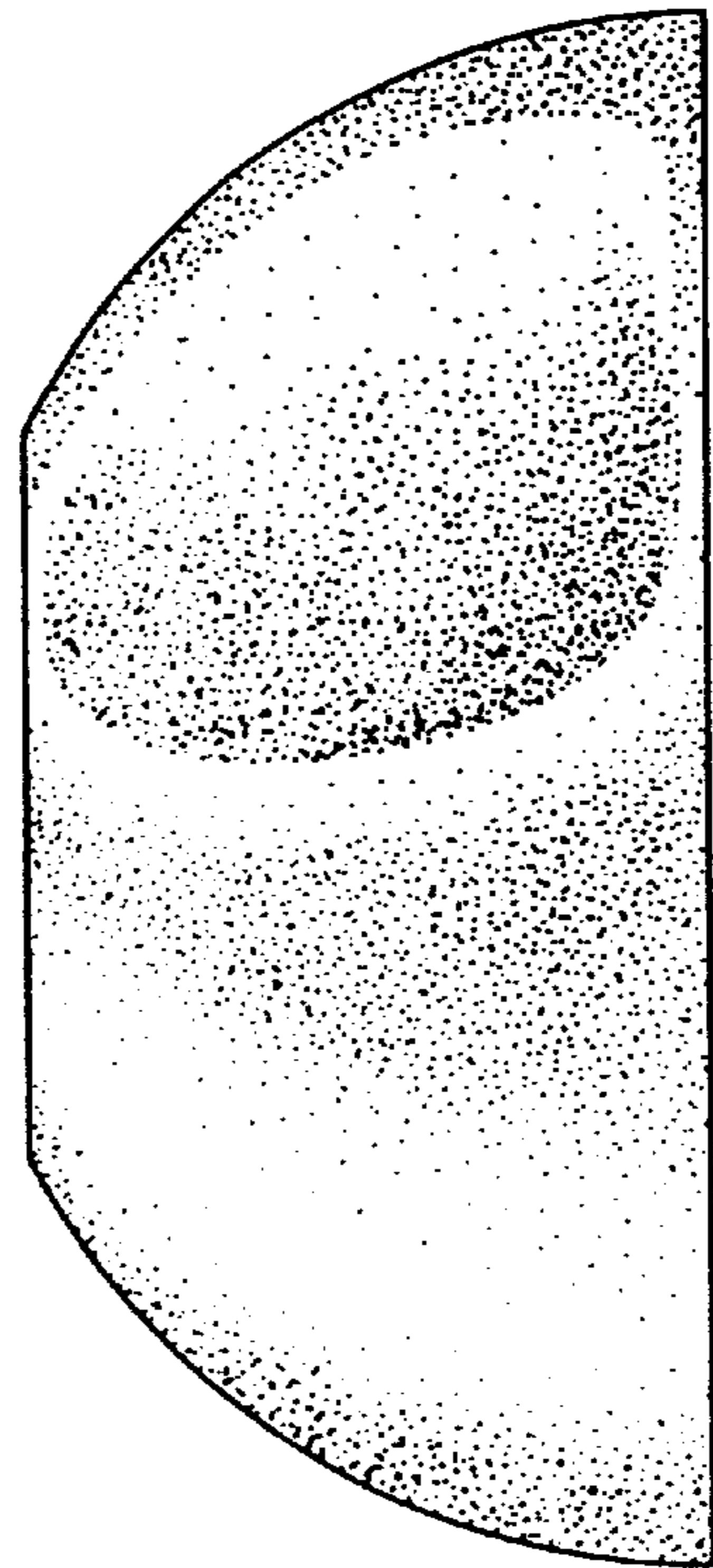
**FIG. 5**



**FIG. 4**



**FIG. 6**



**FIG. 7**