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

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(45) **Date of Patent:** **\*\* Jul. 18, 2006**

(54) **ROTARY IMPACT DRILL BIT**

6,655,479 B1 \* 12/2003 Kleine et al. .... 175/394

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\* cited by examiner

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

(57) **CLAIM**

The ornamental design for a rotary impact drill bit, as shown and described.

(21) Appl. No.: **29/208,036**

(22) Filed: **Jun. 23, 2004**

**DESCRIPTION**

(30) **Foreign Application Priority Data**

Dec. 24, 2003 (DE) ..... 403 08 156

The file of this patent contains a least one drawing executed in color. Copies of this patent with color drawings will be provided by the United States Patent and Trademark Office upon request and payment of the necessary fee.

(51) **LOC (8) Cl.** ..... **15-09**

(52) **U.S. Cl.** ..... **D15/139**

(58) **Field of Classification Search** ..... D15/139;  
175/39-40, 57, 93, 296, 393, 395, 401, 415,  
175/417

FIG. 1 is a front view of a rotary impact drill bit illustrating my new Design;

FIG. 2 is a left side view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a right side view thereof;

FIG. 5 is a top view thereof;

FIG. 6 is a bottom view thereof;

FIG. 7 is an enlarged view of the upper portion of the drill bit shown in FIGS. 1-6, taken from a direction between the front and left side views;

FIG. 8 is an enlarged rear view of the upper portion of the drill bit shown in FIGS. 1-6; and,

FIG. 9 is an enlarged top and rear perspective view of the upper portion of the drill bit shown in FIGS. 1-6.

I consider the blue-colored helix as one of the ornamental features of my new Design.

See application file for complete search history.

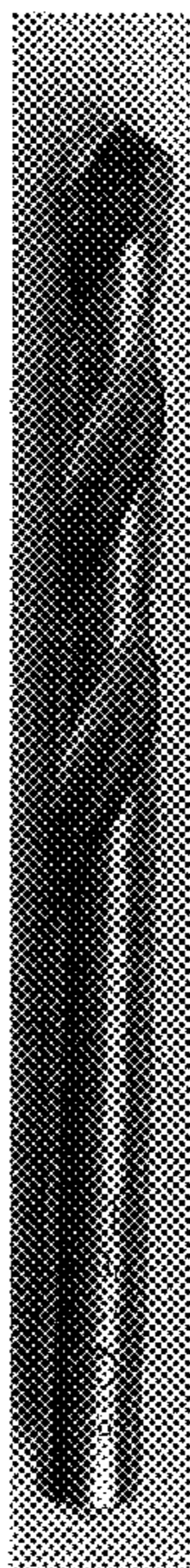
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**1 Claim, 4 Drawing Sheets**

**(4 of 4 Drawing Sheet(s) Filed in Color)**



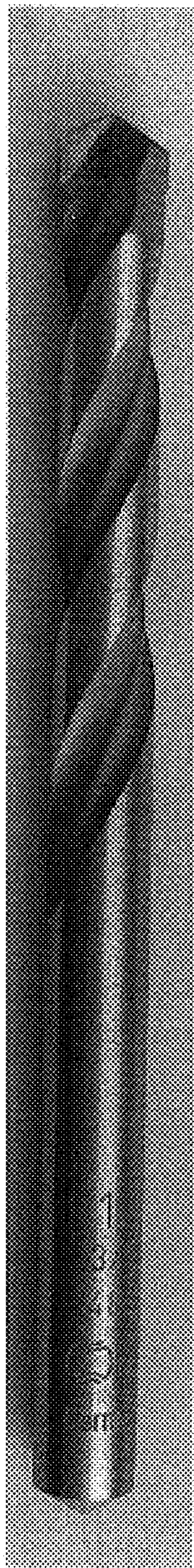


FIG. 1

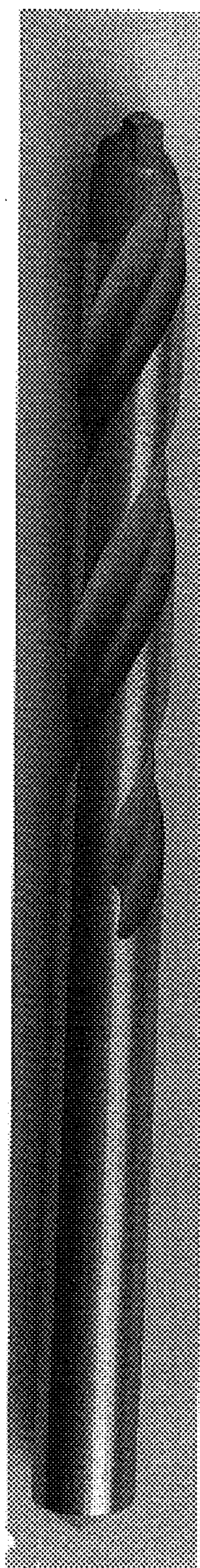


FIG. 2

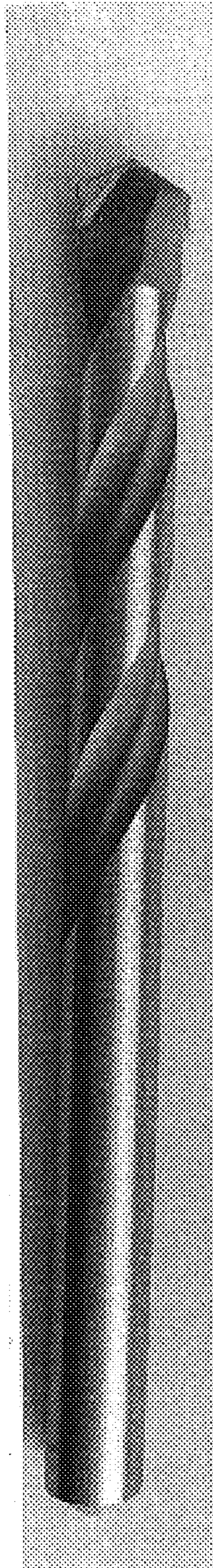


FIG. 3

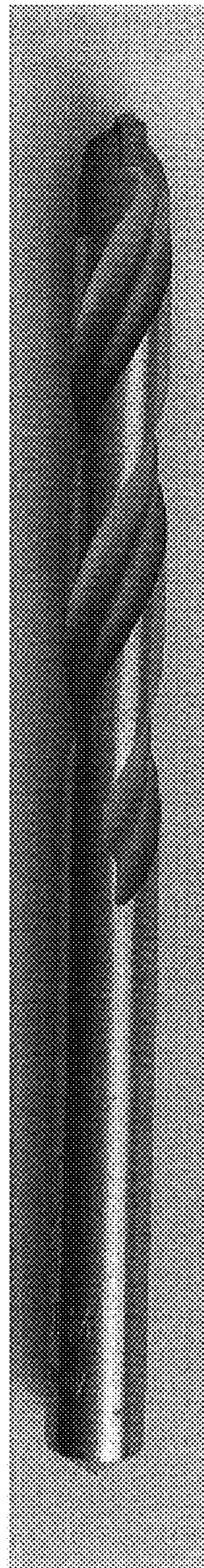


FIG. 4

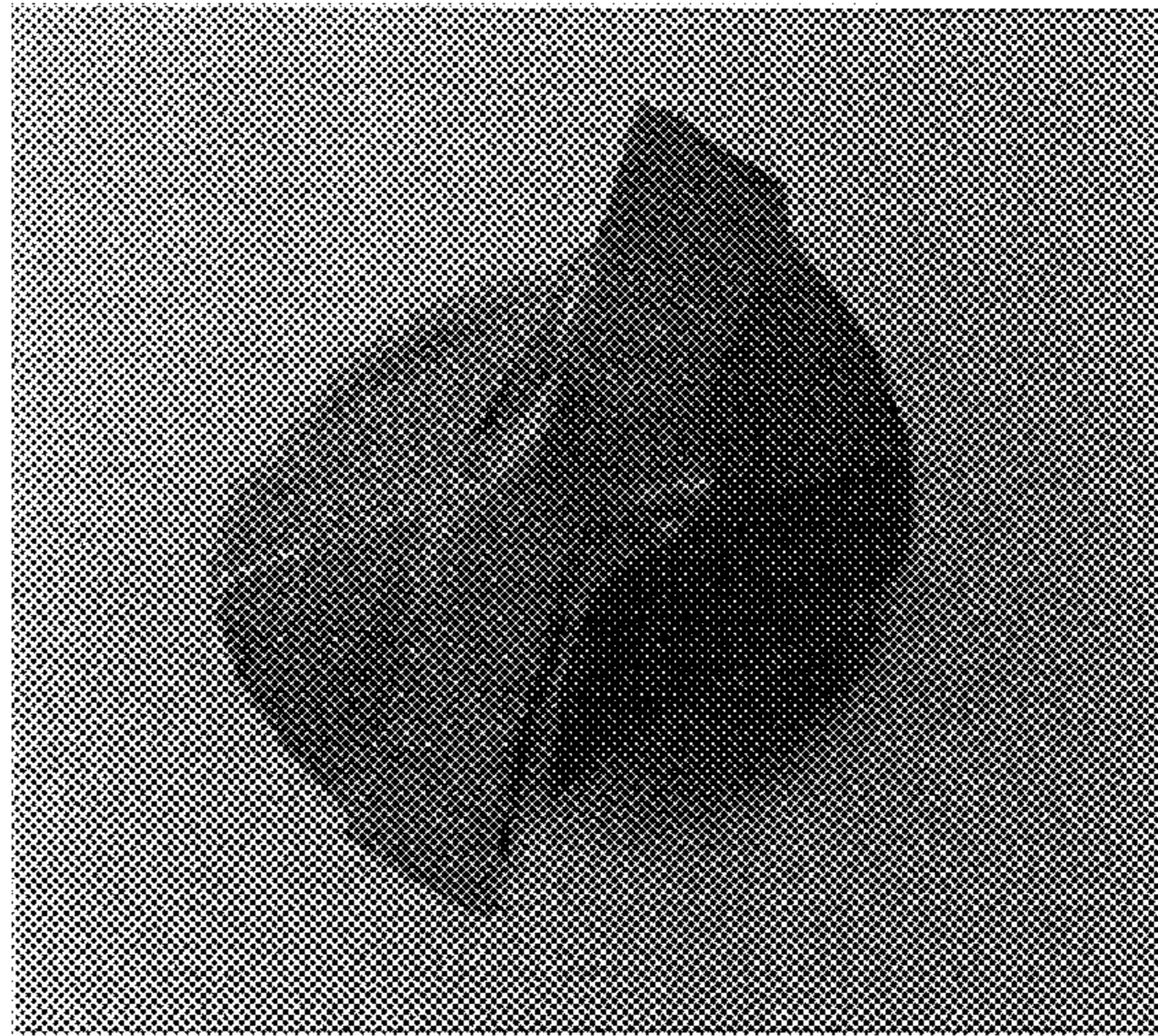


FIG. 5

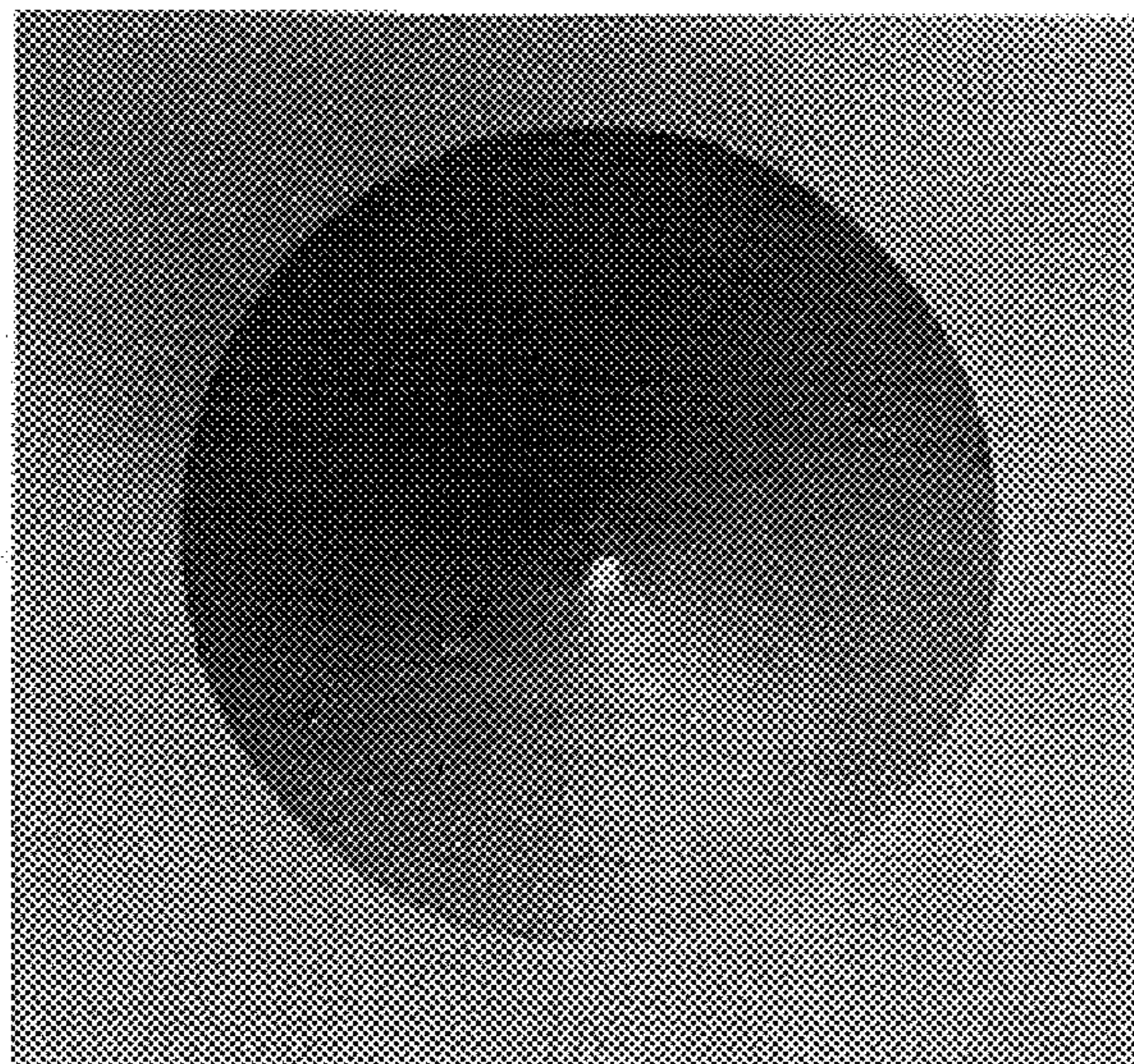


FIG. 6

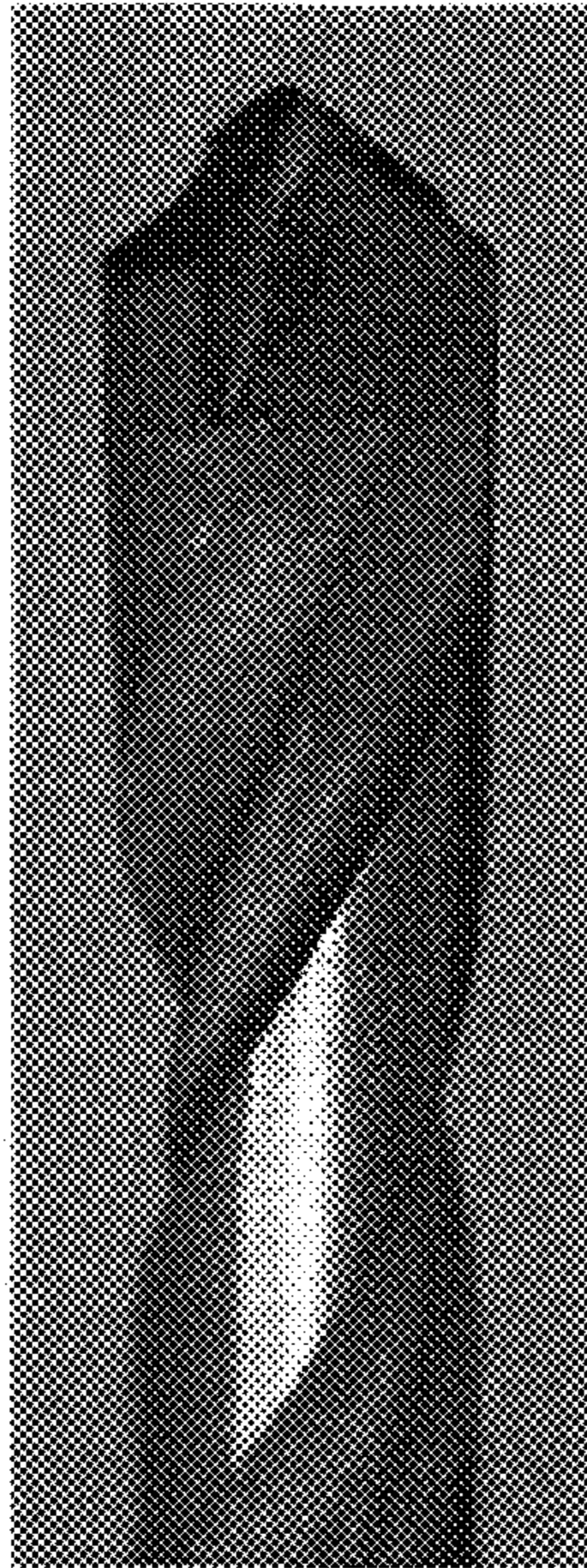


FIG. 7

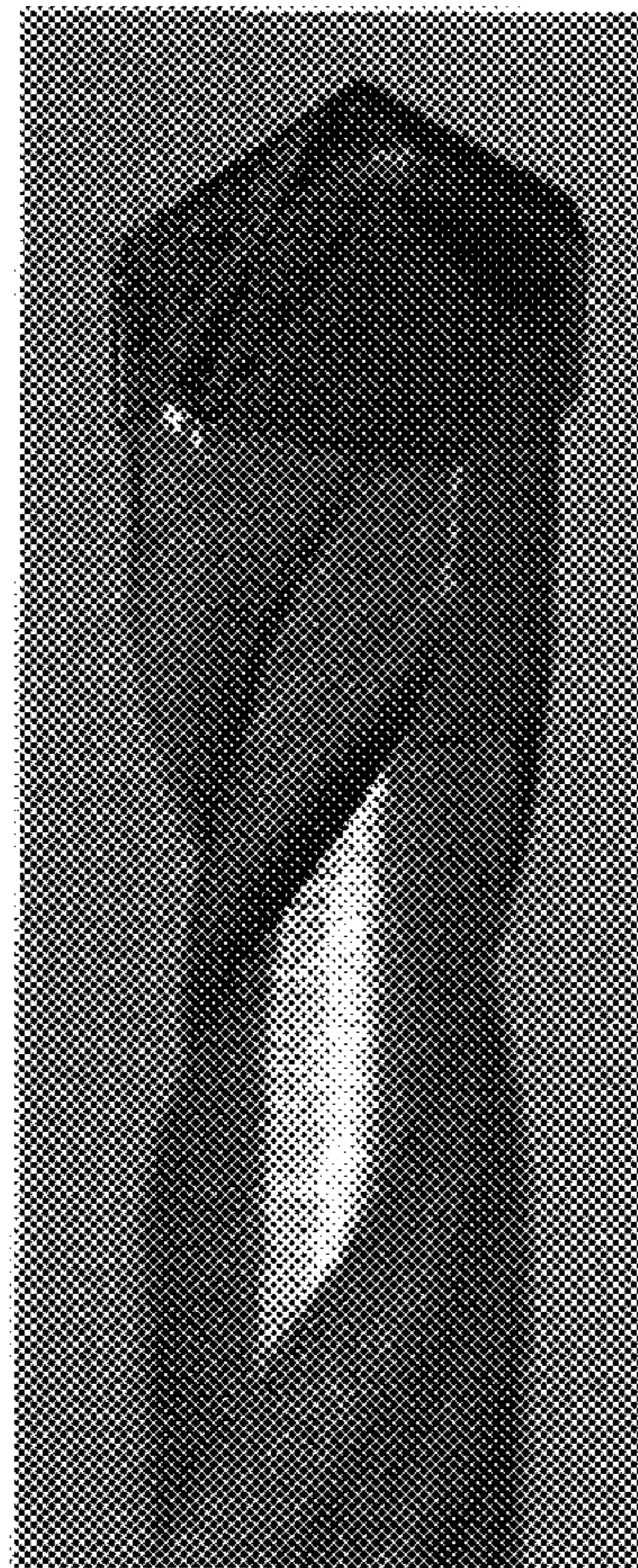


FIG. 8

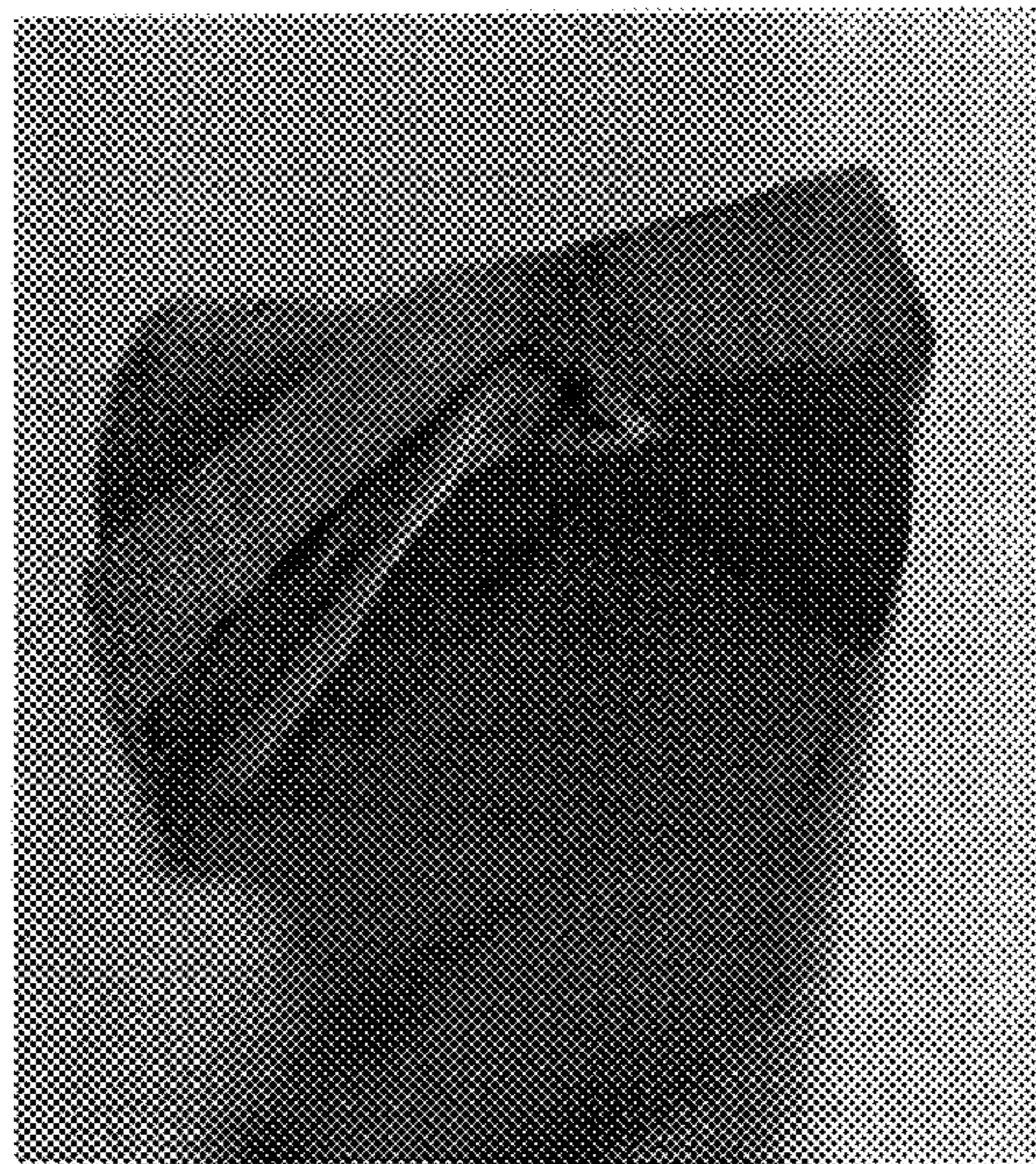


FIG. 9