



US00D483631S

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

(10) **Patent No.:** **US D483,631 S**

(45) **Date of Patent:** **\*\* Dec. 16, 2003**

(54) **ROTARY CUTTING DIAMOND GRINDER**

**FOREIGN PATENT DOCUMENTS**

(75) Inventors: **Akihiro Koike**, Fujieda (JP); **Takahiro Hirata**, Fujieda (JP)

JP Des. 946990 2/1996  
JP 11-207633 8/1999  
KR 30-0268083 \* 10/2000

(73) Assignee: **A.L.M.T. Corp.**, Tokyo (JP)

\* cited by examiner

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

*Primary Examiner*—Doris V. Coles

*Assistant Examiner*—Elizabeth A. Albert

(21) Appl. No.: **29/165,606**

(74) *Attorney, Agent, or Firm*—W. F. Fasse; W. G. Fasse

(22) Filed: **Aug. 13, 2002**

(57) **CLAIM**

(30) **Foreign Application Priority Data**

The ornamental design for a rotary cutting diamond grinder, as shown and described.

Apr. 16, 2002 (JP) ..... 2002-010260

**DESCRIPTION**

(51) **LOC (7) Cl.** ..... **08-03**

FIG. 1 is a front view of a rotary cutting diamond grinder showing our new design;

(52) **U.S. Cl.** ..... **D8/20**

FIG. 2 is a rear view thereof;

(58) **Field of Search** ..... D8/8, 9, 20, 66,  
D8/70; D15/133, 139; 30/347, 355, 388,  
389, 390, 391; 76/112, 115; 83/835; 125/15,  
18; 451/541, 548

FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a left side view thereof;

FIG. 6 is a right side view thereof;

(56) **References Cited**

FIG. 7 is a sectional view taken along the line VII—VII of FIG. 1;

**U.S. PATENT DOCUMENTS**

4,516,560 A \* 5/1985 Cruickshank et al. .... D8/20  
D293,074 S \* 12/1987 Inoue ..... D8/20  
D392,864 S 3/1998 Koike et al.  
D401,822 S \* 12/1998 Pearlman ..... D8/20  
D422,865 S 4/2000 Koike et al.

FIG. 8 is an sectional view taken along the line VIII—VIII of FIG. 1; and,

FIG. 9 is a sectional view taken along the line IX—IX of FIG. 1.

**1 Claim, 3 Drawing Sheets**

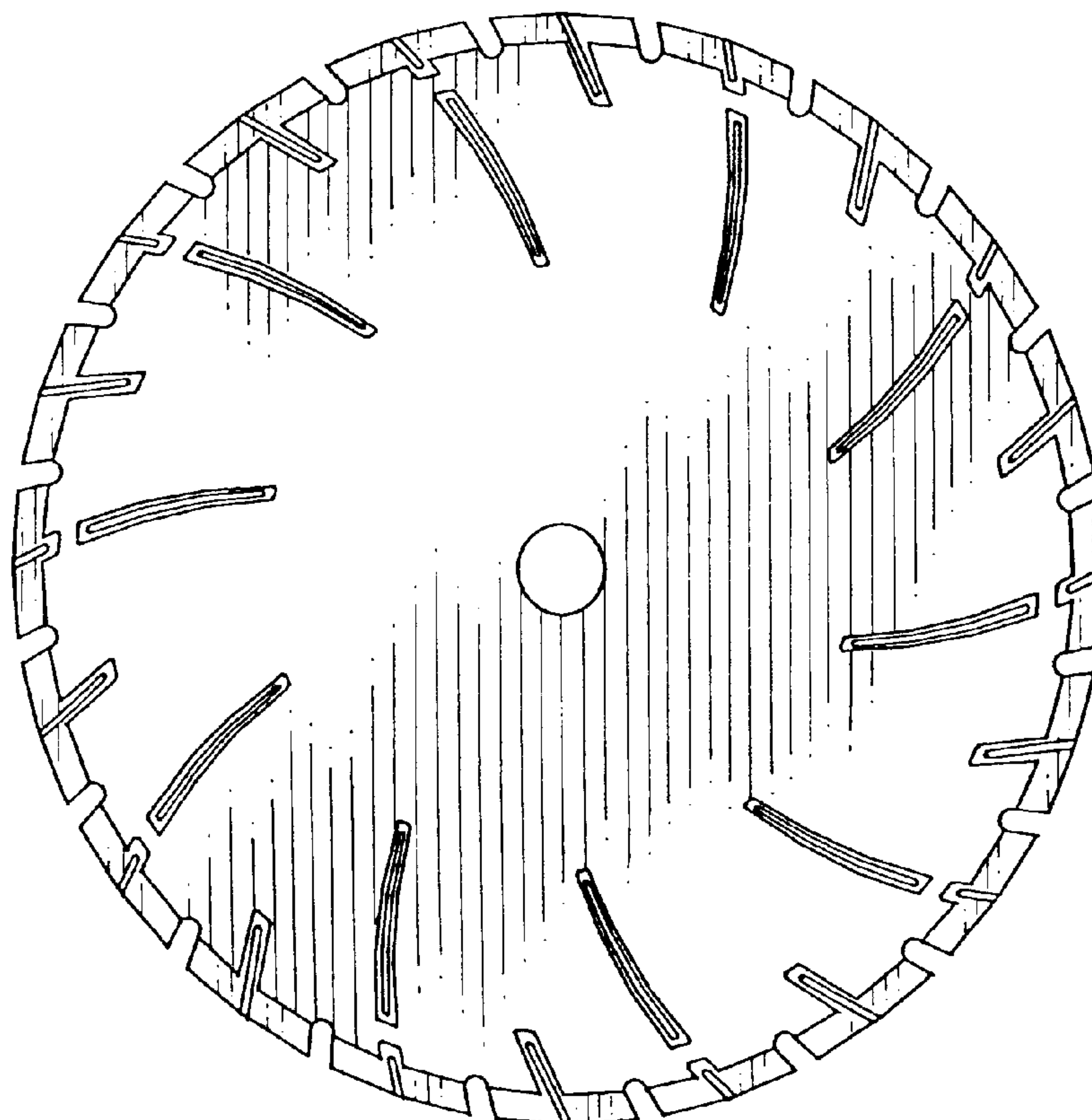


Fig. 1

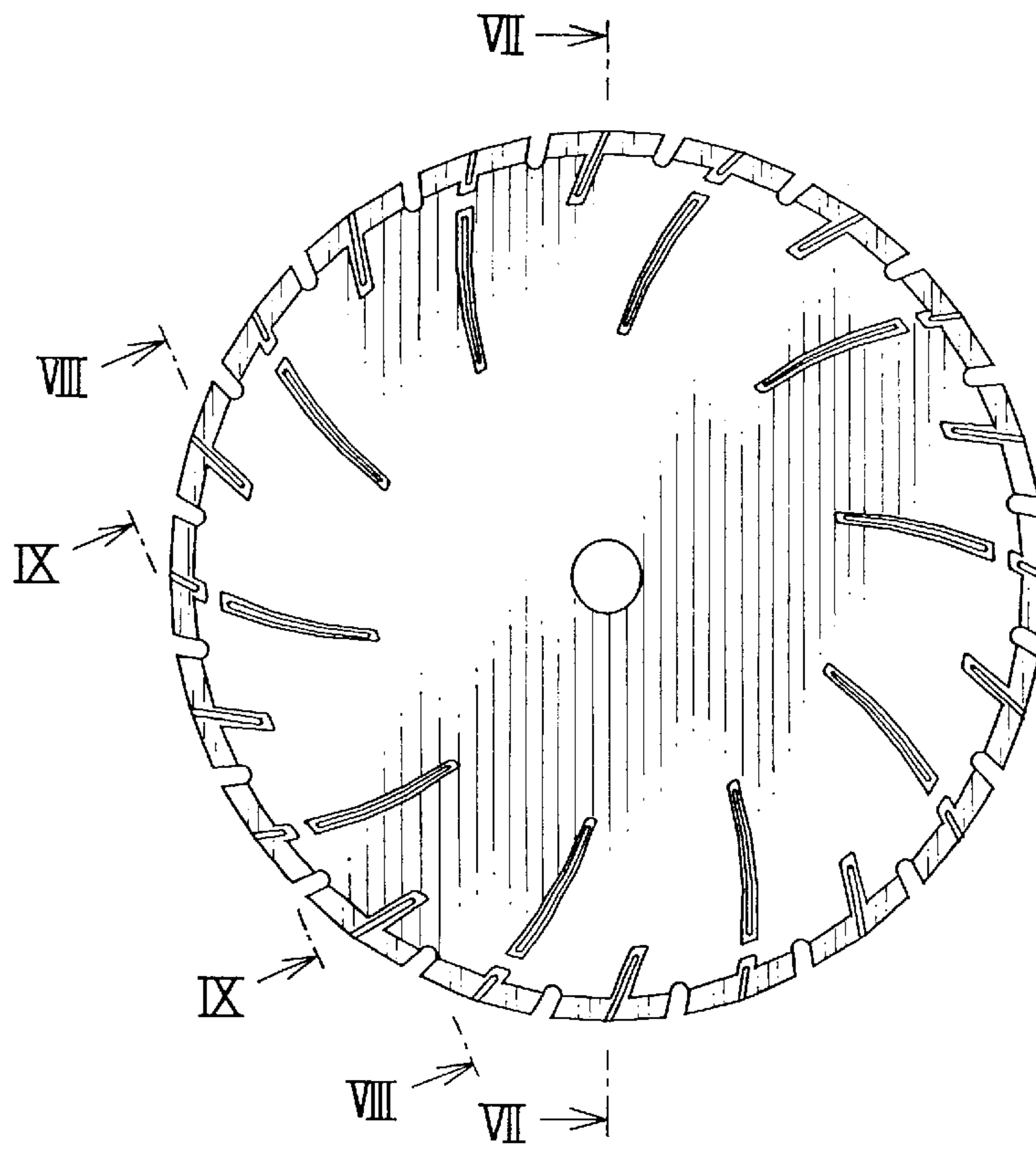


Fig. 2

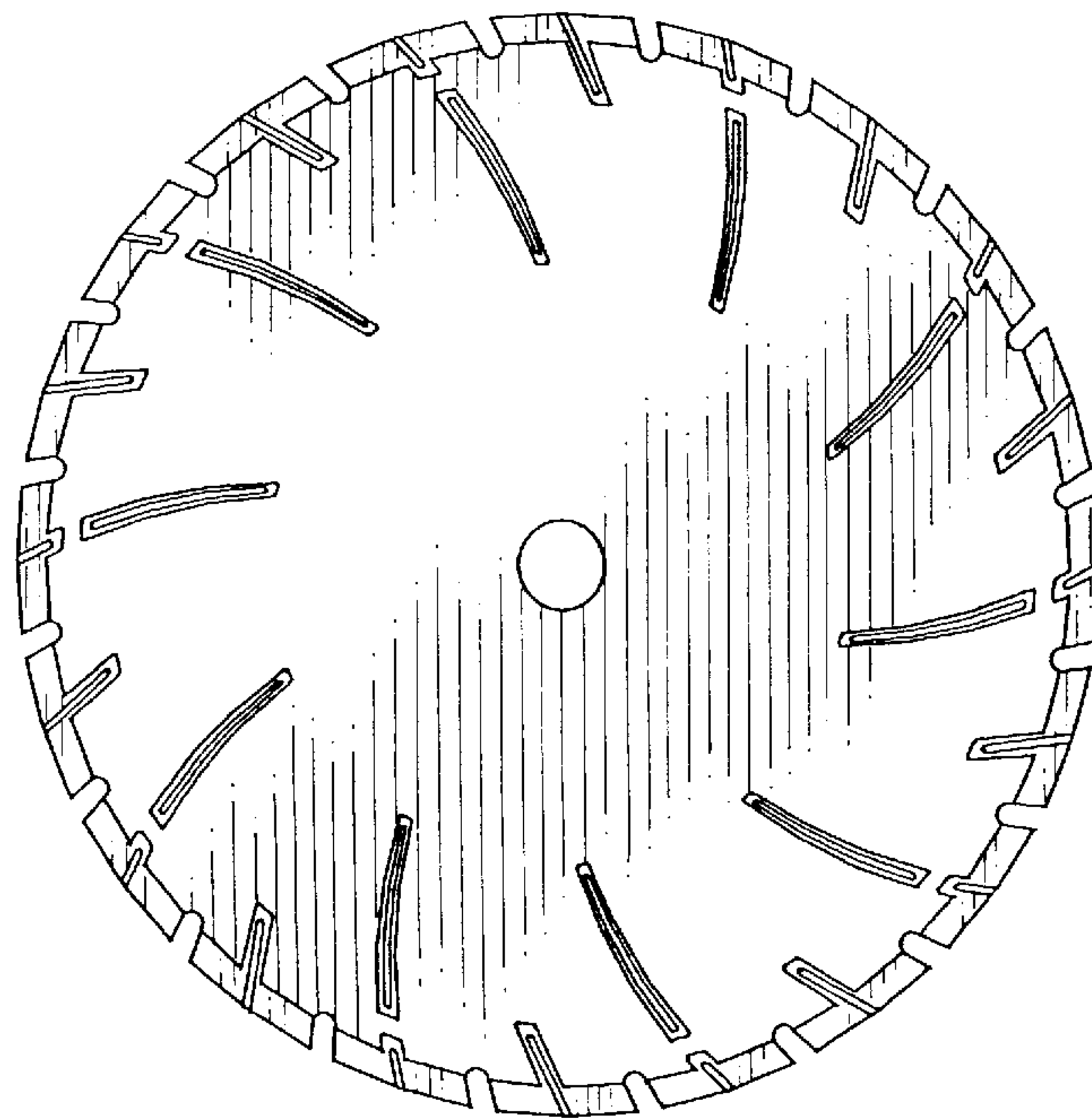


Fig. 3

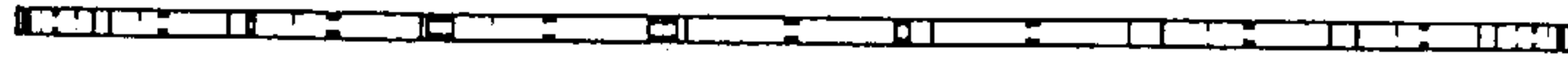


Fig. 4

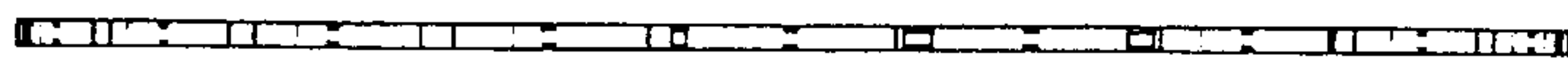


Fig. 5



Fig. 6



Fig. 7

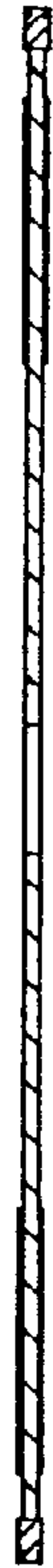


Fig. 8



Fig. 9

