

US00D533203S

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

(10) **Patent No.:** **US D533,203 S**  
(45) **Date of Patent:** **\*\* Dec. 5, 2006**

(54) **WIRE SAW**

(75) Inventors: **Toshiyuki Tsukamoto**, Fujieda (JP);  
**Toshinobu Shimizu**, Fujieda (JP)

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

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

(21) Appl. No.: **29/230,935**

(22) Filed: **May 31, 2005**

(30) **Foreign Application Priority Data**

Nov. 30, 2004 (JP) ..... 2004-036527

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

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

(58) **Field of Classification Search** ..... D15/139;  
D8/98, 385; 125/18, 21, 22, 16.01; 83/651.1;  
D23/266, 386

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,856,490 A \* 8/1989 Kawase et al. .... 125/21  
4,907,564 A \* 3/1990 Sowa et al. .... 125/21  
5,080,086 A \* 1/1992 Tomlinson et al. .... 125/21  
5,216,999 A \* 6/1993 Han ..... 125/21  
5,377,659 A \* 1/1995 Tank et al. .... 125/21

D359,968 S \* 7/1995 Ekblad et al. .... D15/139  
6,105,568 A \* 8/2000 Yu ..... 125/18  
6,131,558 A \* 10/2000 Weber ..... 125/21  
6,526,960 B1 \* 3/2003 Asada et al. .... 125/21  
2001/0035173 A1 \* 11/2001 Asada et al. .... 125/16.01

**FOREIGN PATENT DOCUMENTS**

JP 05-345219 12/1993  
JP 6-6884 2/1994  
JP 06-126610 5/1994

\* cited by examiner

*Primary Examiner*—Philip S. Hyder

(74) *Attorney, Agent, or Firm*—Birch, Stewart, Kolasch & Birch, LLP

(57) **CLAIM**

The ornamental design for a wire saw, as shown.

**DESCRIPTION**

FIG. 1 is a perspective view of a wire saw showing our new design;

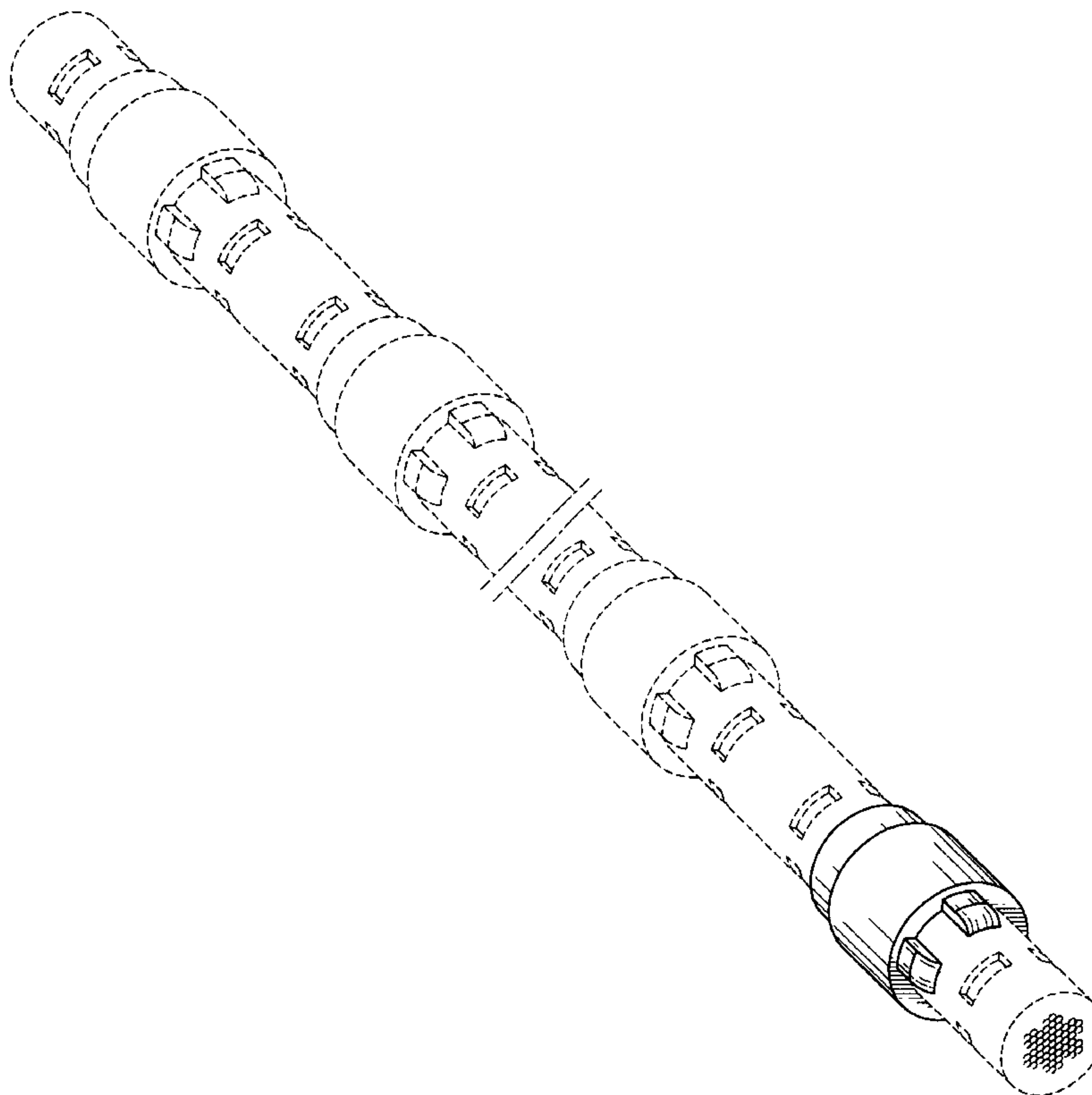
FIG. 2 is a front view thereof;

FIG. 3 is a right side view thereof; and,

FIG. 4 is an enlarged right side view thereof.

The broken line portions of the disclosure are for illustrative purposes only and form no part of the claimed design.

**1 Claim, 2 Drawing Sheets**



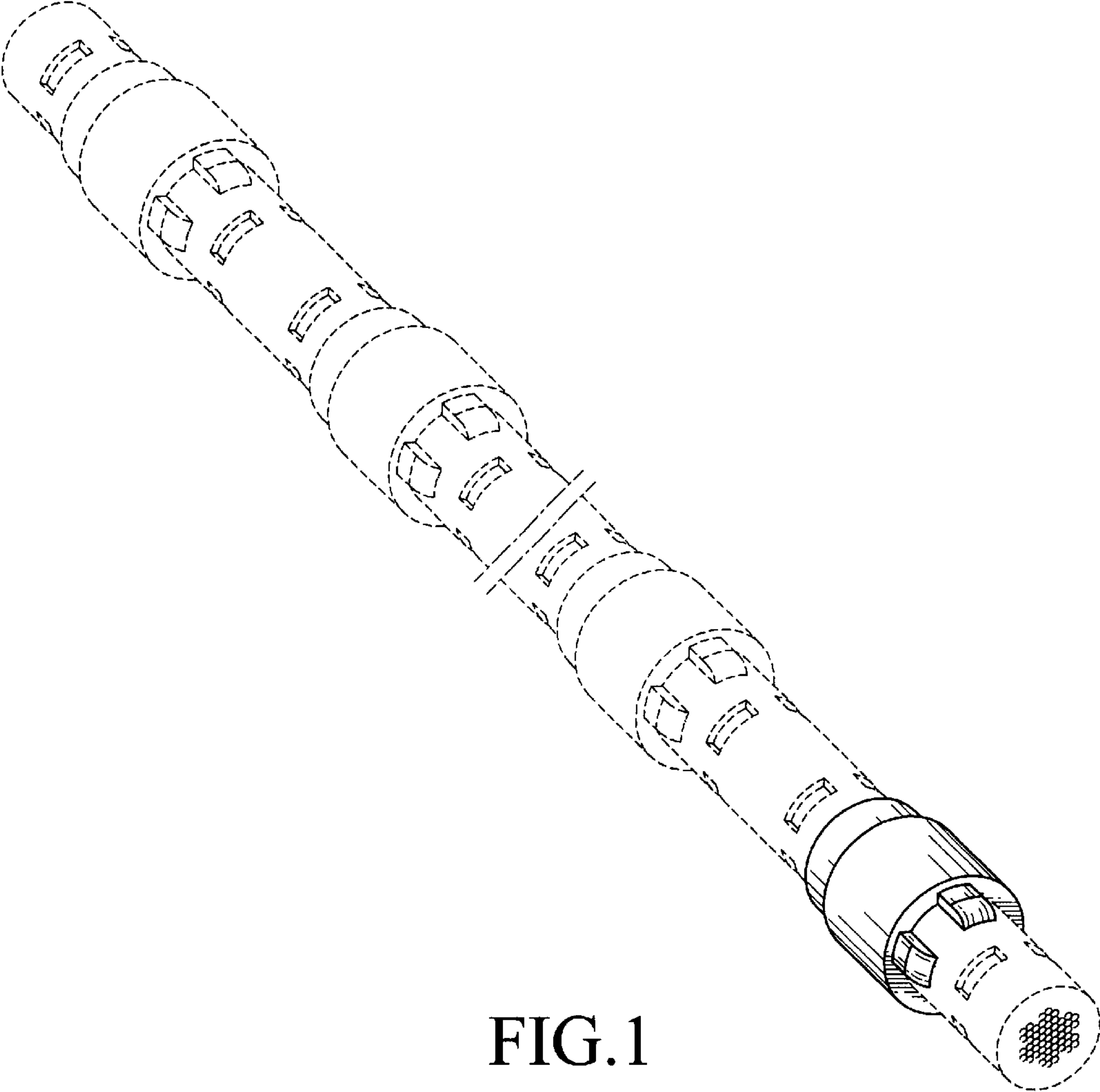


FIG. 1

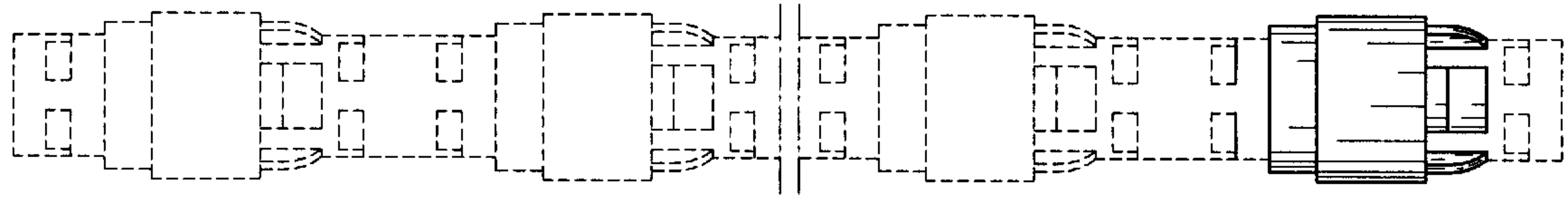


FIG. 2

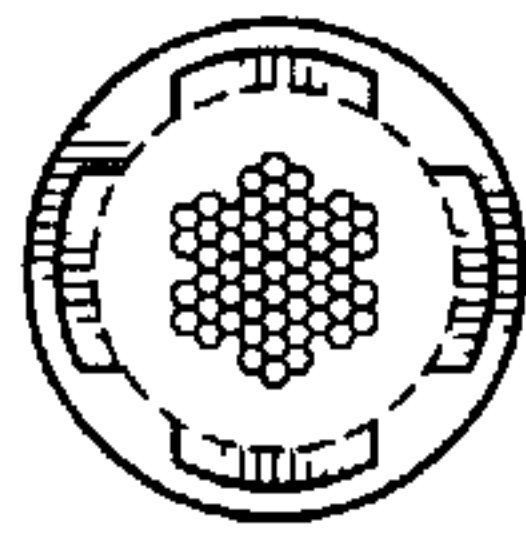


FIG. 3

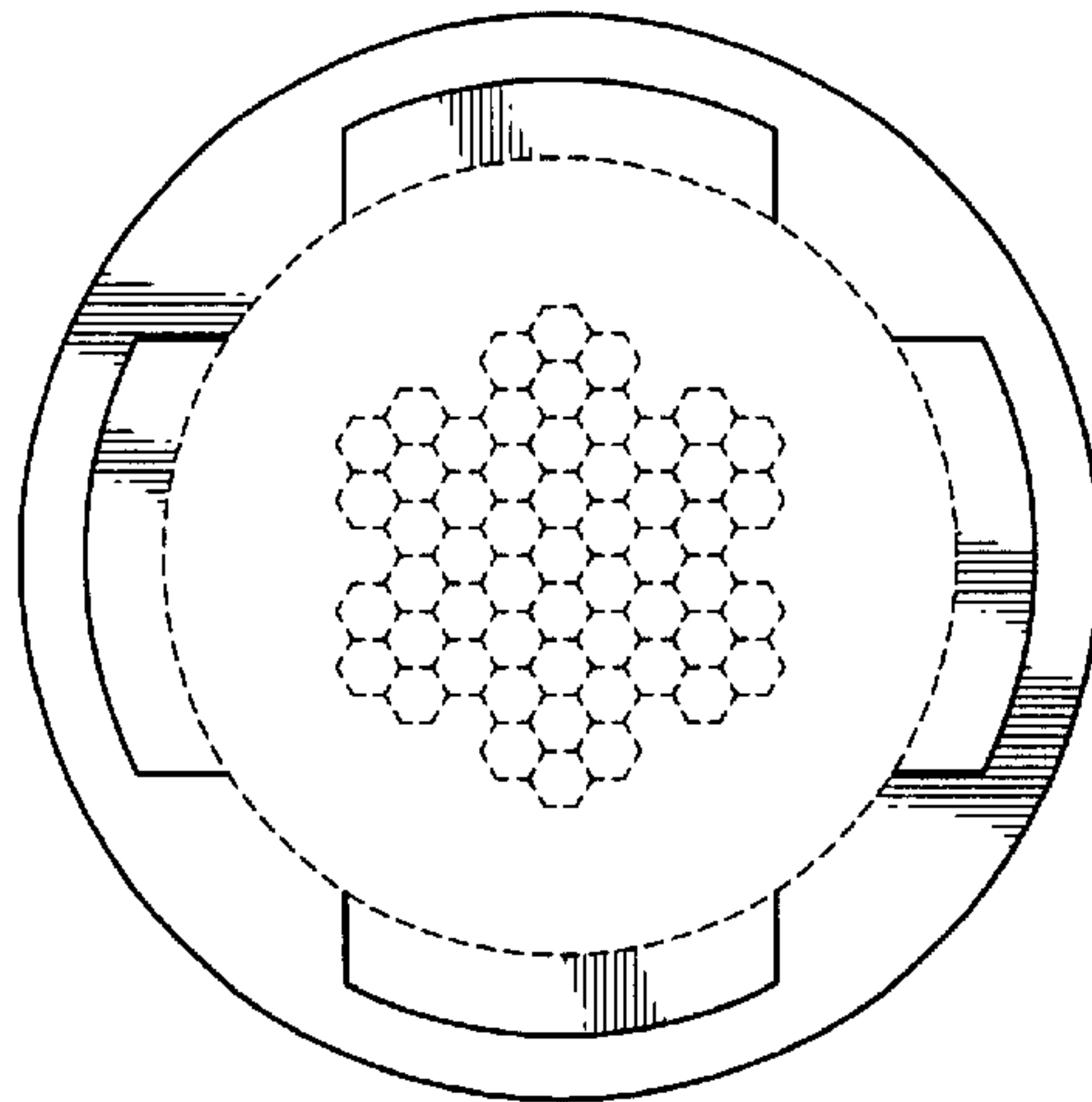


FIG. 4