



US00D533929S

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

(10) **Patent No.:** **US D533,929 S**

(45) **Date of Patent:** **** Dec. 19, 2006**

(54) **HEAT EXCHANGE UNIT**

(75) Inventors: **Yasuaki Nakagawa**, Tokyo (JP);
Katsuyuki Inagaki, Tokyo (JP); **Ryuji Ozawa**, Higashiosaka (JP)

(73) Assignee: **Tig Co., Ltd.** (JP)

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

(21) Appl. No.: **29/230,191**

(22) Filed: **May 17, 2005**

(51) **LOC (8) Cl.** **23-04**

(52) **U.S. Cl.** **D23/323**

(58) **Field of Classification Search** D23/314,
D23/330, 322-323; 165/157, 135, 178, 154,
165/901-902

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D139,313 S * 10/1944 Landerman D23/323
- D285,248 S * 8/1986 Bloom et al. D23/323
- D304,856 S * 11/1989 Aoki D23/386

- D309,344 S * 7/1990 Ratch et al. D23/323
- D342,125 S * 12/1993 Miller D23/323
- D415,264 S * 10/1999 Thweatt, Jr. D23/323

* cited by examiner

Primary Examiner—Brian N Vinson

(74) *Attorney, Agent, or Firm*—McGlew & Tuttle, PC

(57) **CLAIM**

The ornamental design for a heat exchange unit, as shown and described.

DESCRIPTION

FIG. 1 is a front view of my new heat exchange unit;
 FIG. 2 is a rear view thereof;
 FIG. 3 is a plan view thereof;
 FIG. 4 is a bottom view thereof;
 FIG. 5 is a left side view thereof;
 FIG. 6 is a right side view thereof;
 FIG. 7 is an enlarged view of a portion of the heat exchange unit cut away at line A—A' of FIG. 1; and,
 FIG. 8 is an enlarged sectional view of the heat exchange unit cut away along line B—B' of FIG. 7 thereof.

1 Claim, 5 Drawing Sheets

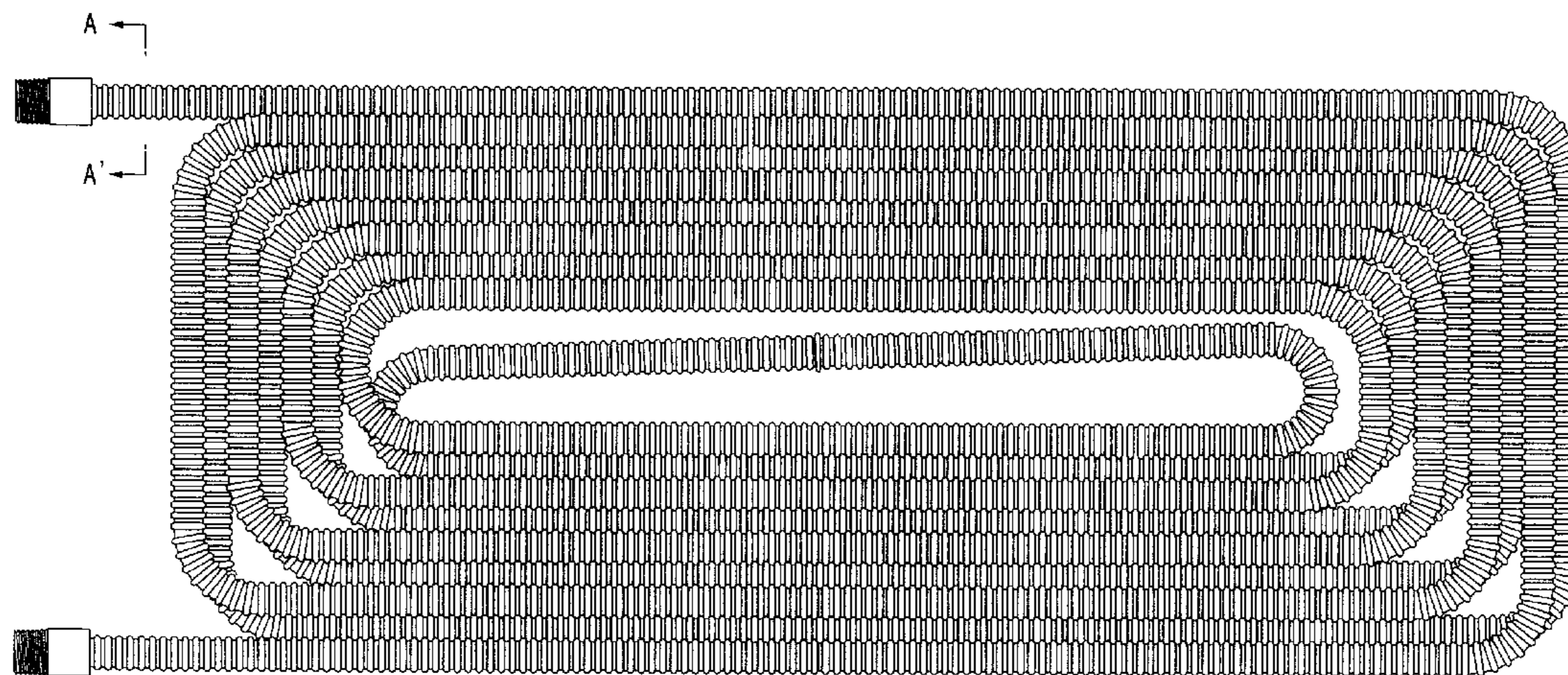


FIG. 1

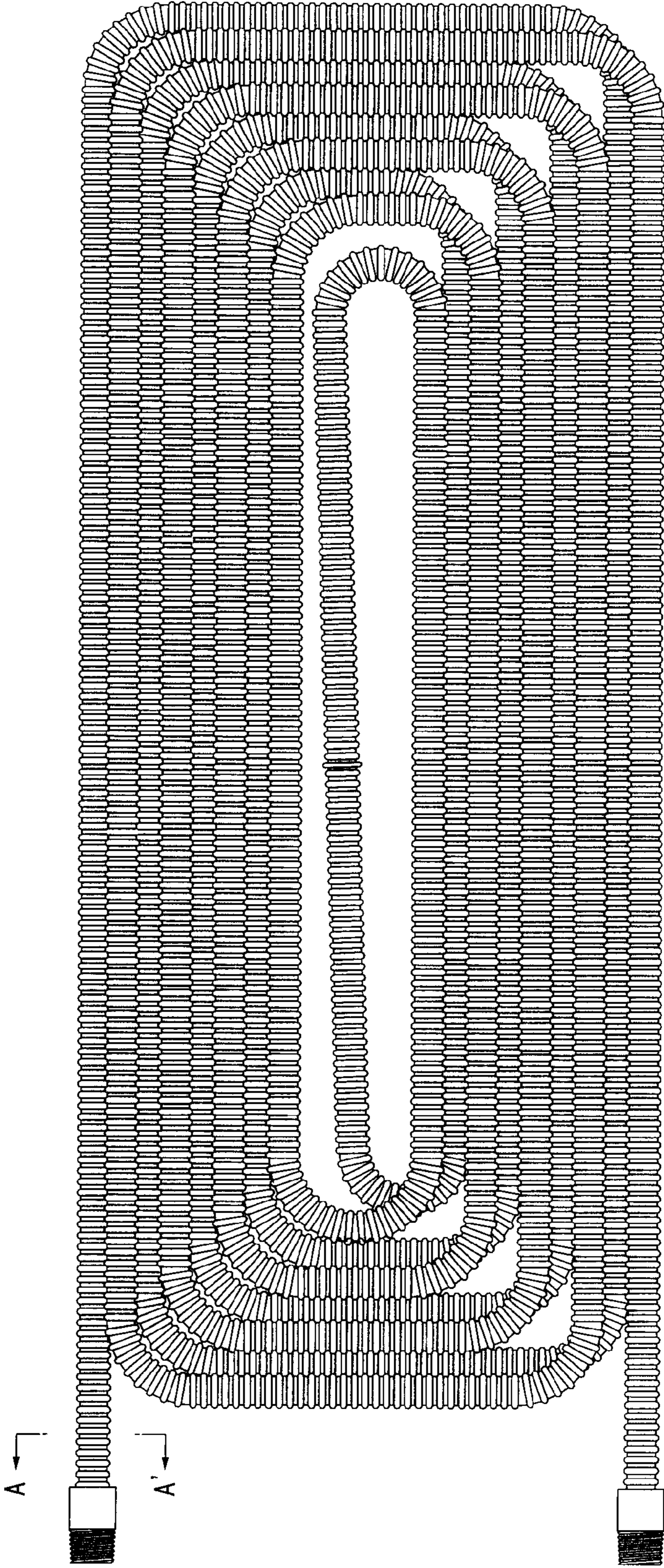


FIG. 2

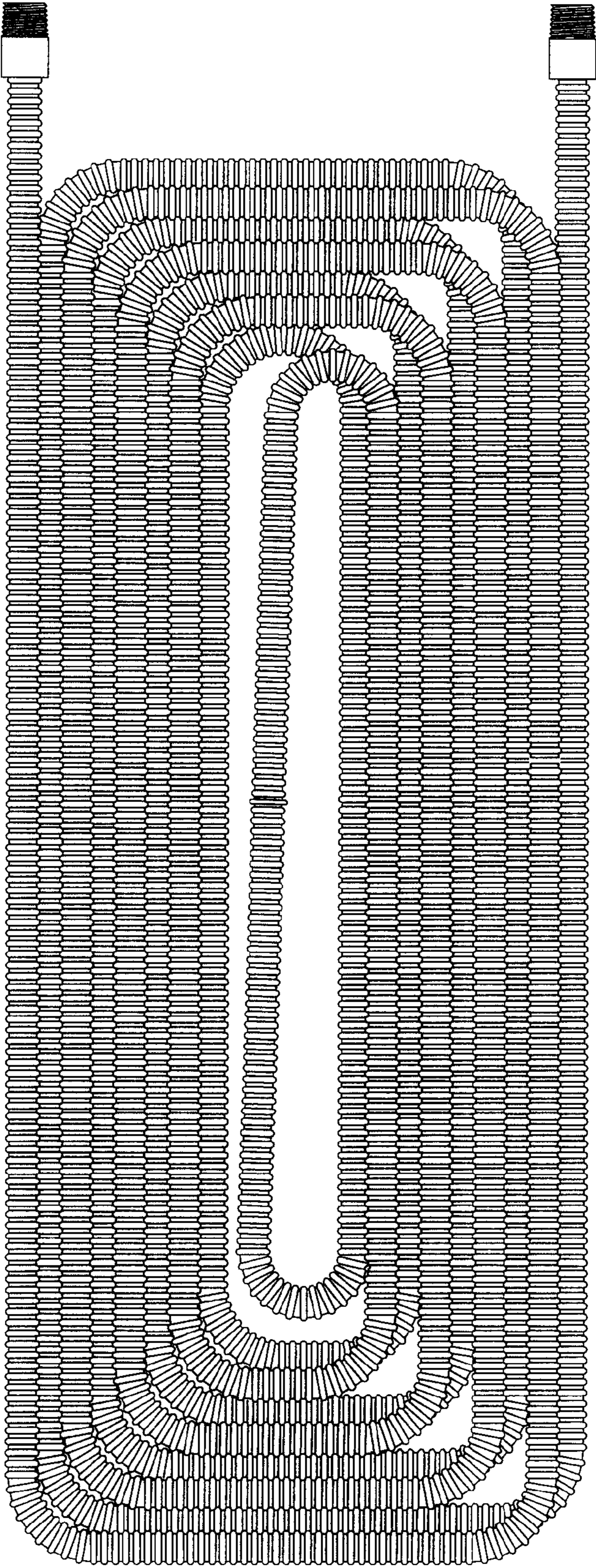


FIG. 3



FIG. 4



FIG. 5

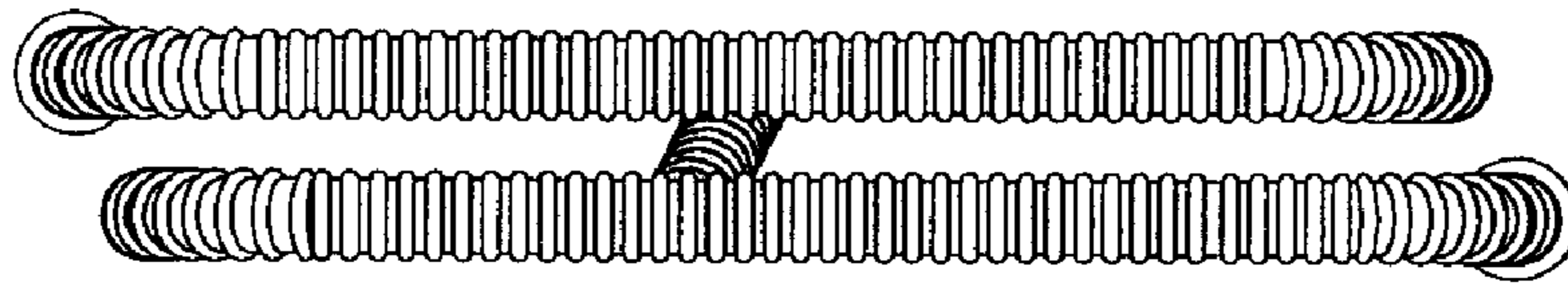


FIG. 6

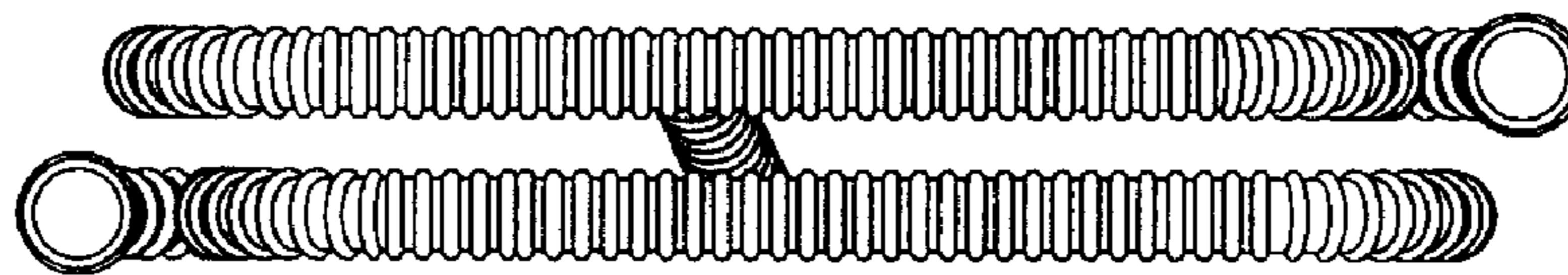


FIG. 7

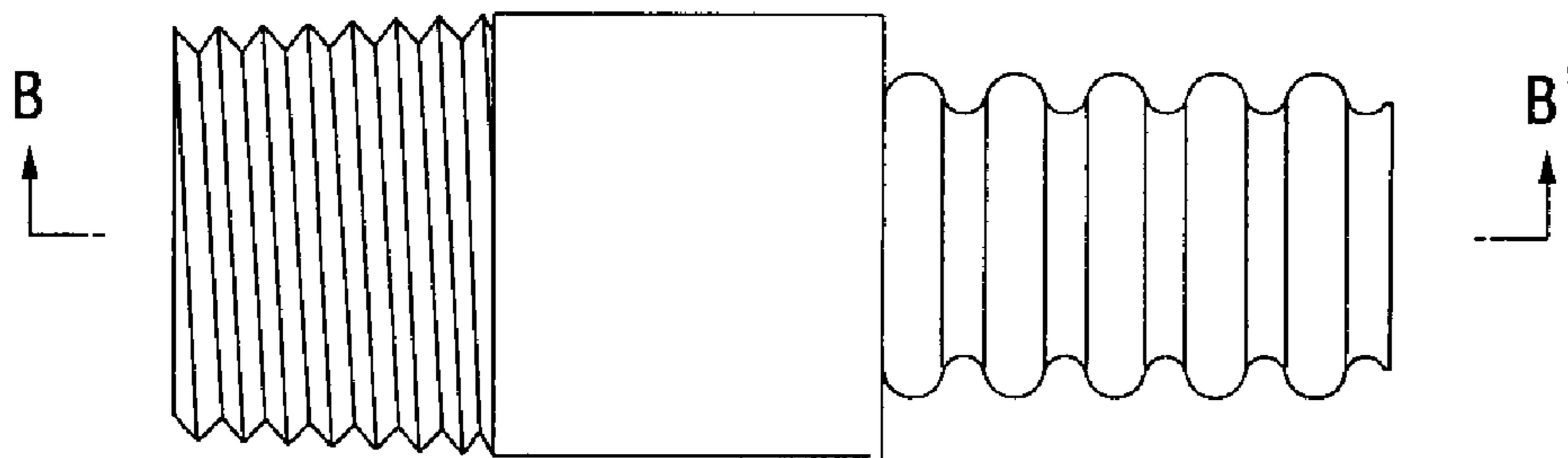


FIG. 8

