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

(10) **Patent No.:** **US D571,479 S**
(45) **Date of Patent:** **** Jun. 17, 2008**

(54) **RED MIXING TIP SHAFT**

EP 0971787 B1 8/2002
EP 1149627 B1 8/2004

(75) Inventor: **Ingo W. Wagner**, Woerthsee (DE)

OTHER PUBLICATIONS

(73) Assignee: **3M Innovative Properties Company**,
St. Paul, MN (US)

Color photograph (one page) of a Penta Mixing Tip, 3M ESPE Item # 71510 (white mixing tip shaft), which was made commercially available by 3M ESPE Dental Products prior to Sep. 20, 2004.

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

Color photograph (one page) of a MixPac Systems AG dynamic mixing tip (blue mixing tip shaft), which was publicly available prior to Sep. 20, 2004.

(21) Appl. No.: **29/224,548**

Color photograph (one page) of a Heraeus Kulzer GmbH dynamic mixing tip (grey mixing tip shaft), which was publicly available prior to Sep. 20, 2004.

(22) Filed: **Mar. 3, 2005**

Color photograph (one page) of a Heraeus Kulzer GmbH dynamic mixing tip (blue mixing tip shaft), which was publicly available prior to Sep. 20, 2004.

(30) **Foreign Application Priority Data**

Sep. 20, 2004 (EM) 000228275-0001

(Continued)

(51) **LOC (8) Cl.** **24-02**

(52) **U.S. Cl.** **D24/220**

(58) **Field of Classification Search** D24/216-230;
222/145.6; 366/602, 318, 320, 339, 336,
366/181.5; D7/379

Primary Examiner—Louis S Zarfaz

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(74) *Attorney, Agent, or Firm*—Peter L. Olson

See application file for complete search history.

(57) **CLAIM**

The ornamental design for a red mixing tip shaft, as shown and described.

(56) **References Cited**

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DESCRIPTION

FIG. 1 is a perspective view of red mixing tip shaft showing my new design;

FIG. 2 is a front elevation view thereof, the rear elevation view being identical;

FIG. 3 is a side elevation view thereof, the other side being identical;

FIG. 4 is a top plan view thereof; and,

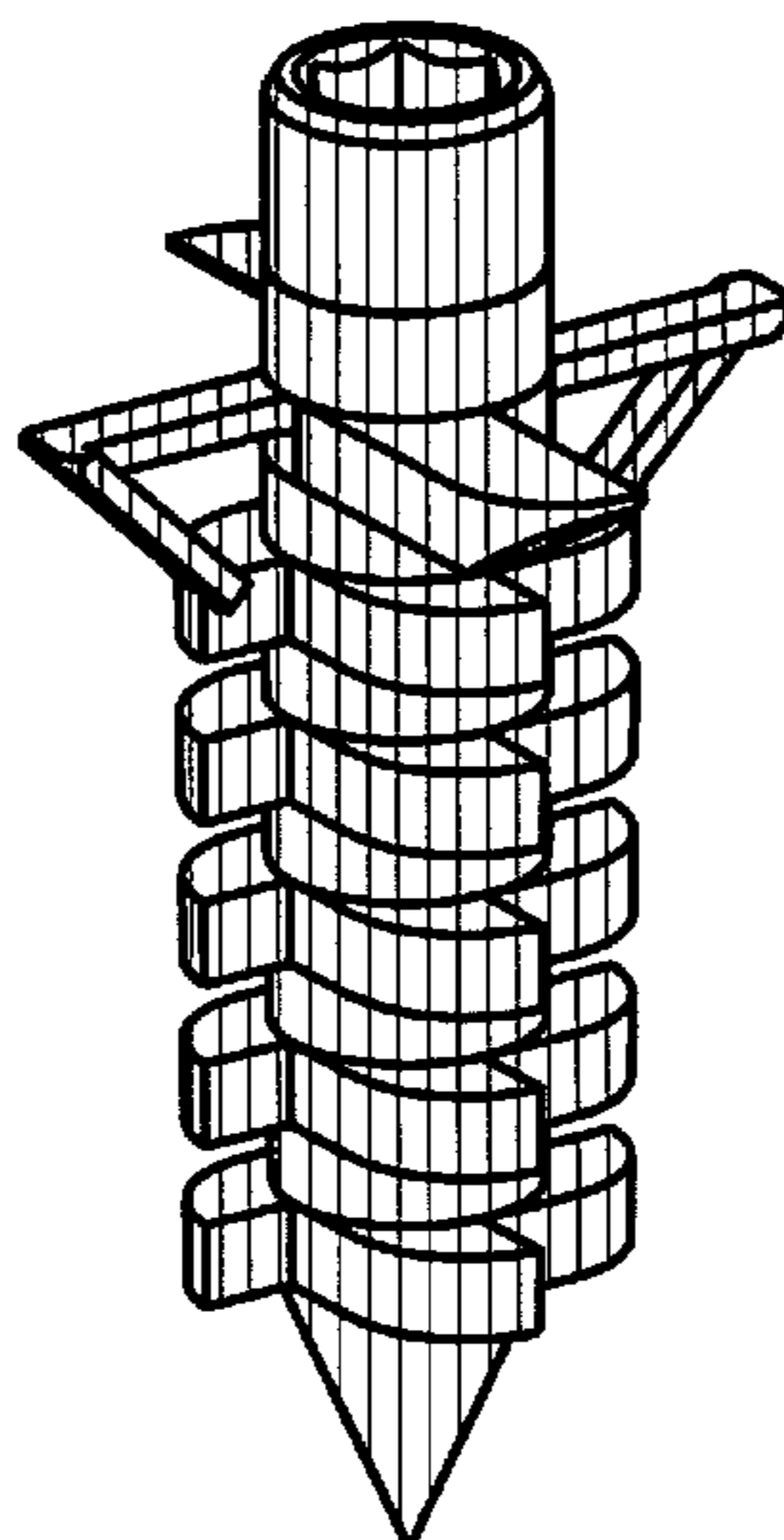
FIG. 5 is a bottom plan view thereof.

The drawings are lined for color. The following explanation of the color is provided for clarity. The lining in all views represents red.

FOREIGN PATENT DOCUMENTS

DE 20302987 U1 5/2003

1 Claim, 1 Drawing Sheet



OTHER PUBLICATIONS

Color photograph (one page) of a Heraeus Kulzer GmbH dynamic mixing tip (white mixing tip shaft), which was publicly available prior to Sep. 20, 2004.

Color photograph (one page) of a Kettenbach GmbH & Co. KG Panasil Binetics Putty Dynamic Mixer Mixing Tip (white mixing tip shaft), which was publicly available prior to Sep. 20, 2004.

Color photograph (one page) of a Kettenbach GmbH & Co. KG dynamic mixing tip (white mixing tip shaft), which was publicly available prior to Sep. 20, 2004.

Color photograph (one page) of a Kettenbach GmbH & Co. KG dynamic mixing tip (grey mixing tip shaft), which was publicly available prior to Sep. 20, 2004.

Color photograph (one page) of a DMG Chemisch-Pharmazeutische Fabrik GmbH dynamic mixing tip, which was publicly available prior to Sep. 20, 2004.

Color photograph (one page) of a DMG Chemisch-Pharmazeutische Fabrik GmbH Honigum—Heavy, MixStar Tip, which was publicly available prior to Sep. 20, 2004.

* cited by examiner

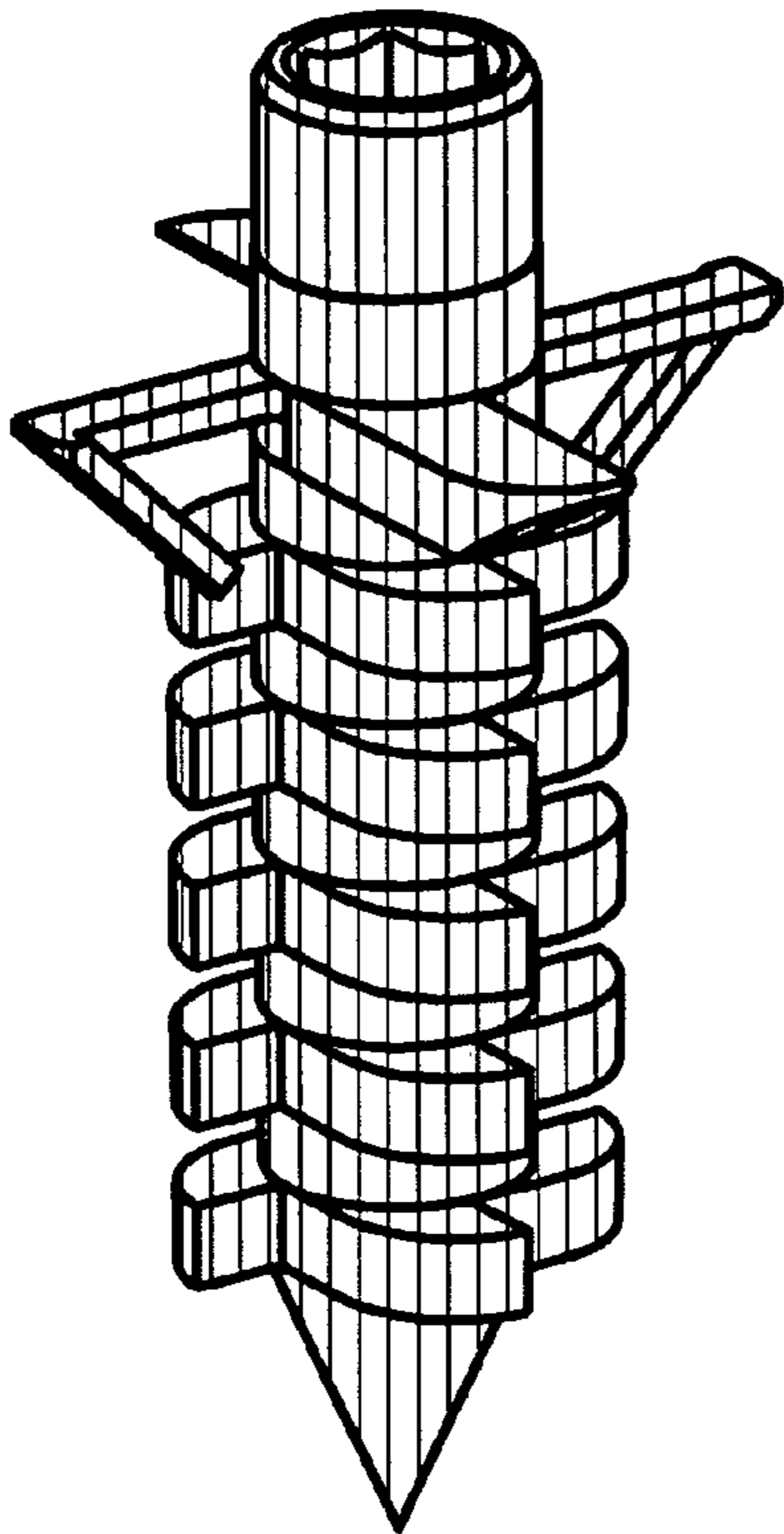


Fig. 1

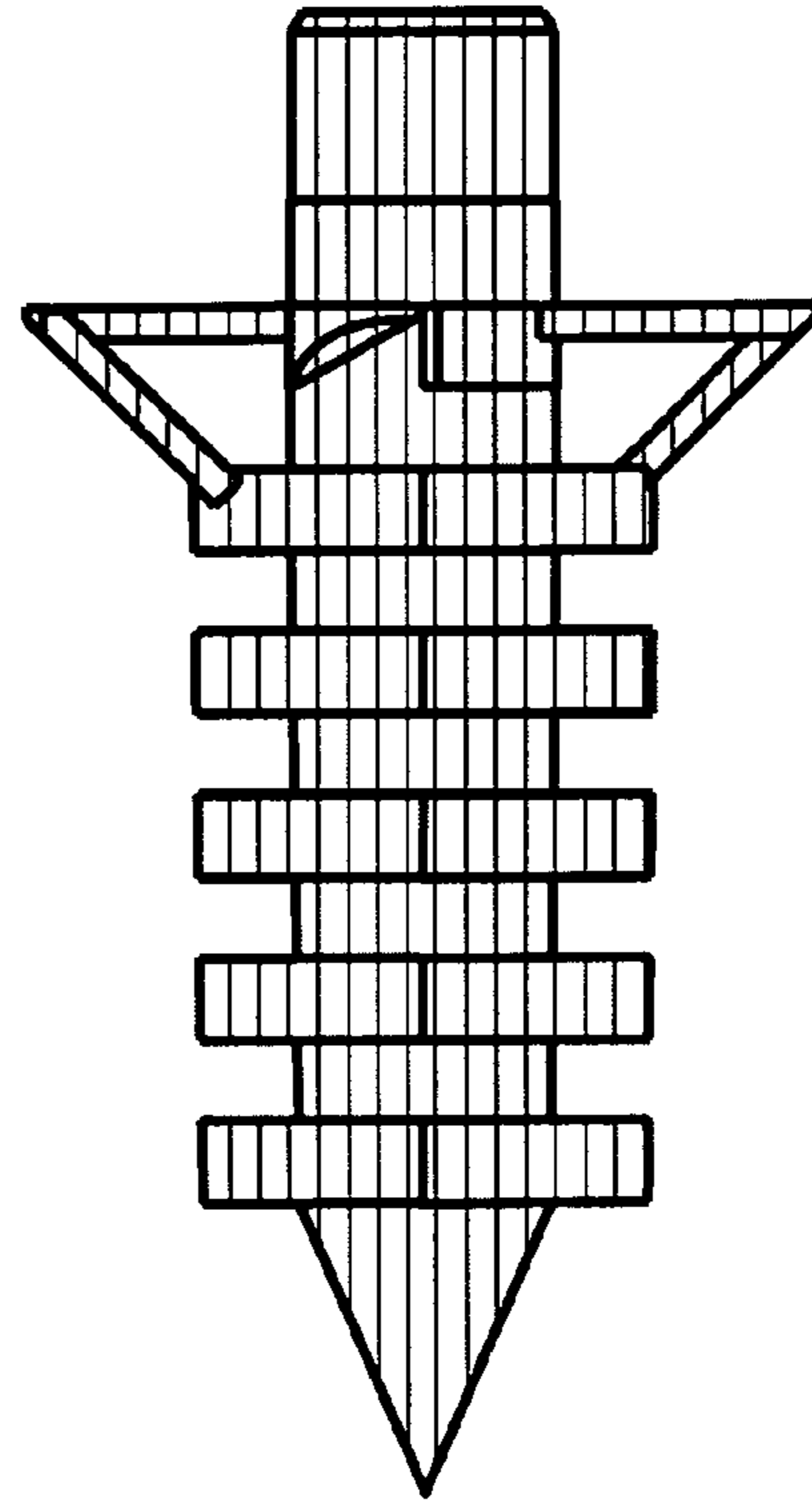


Fig. 2

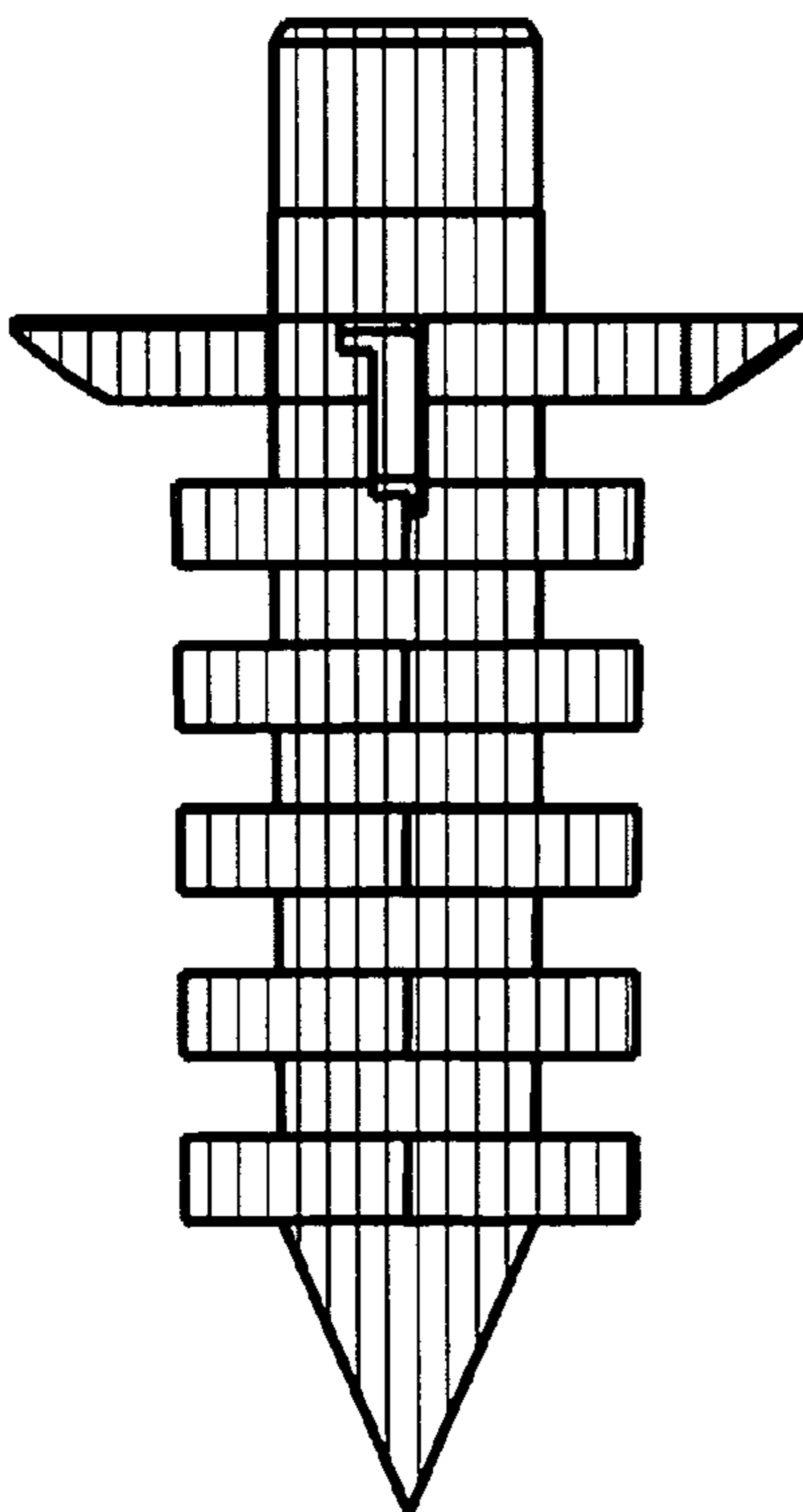


Fig. 3

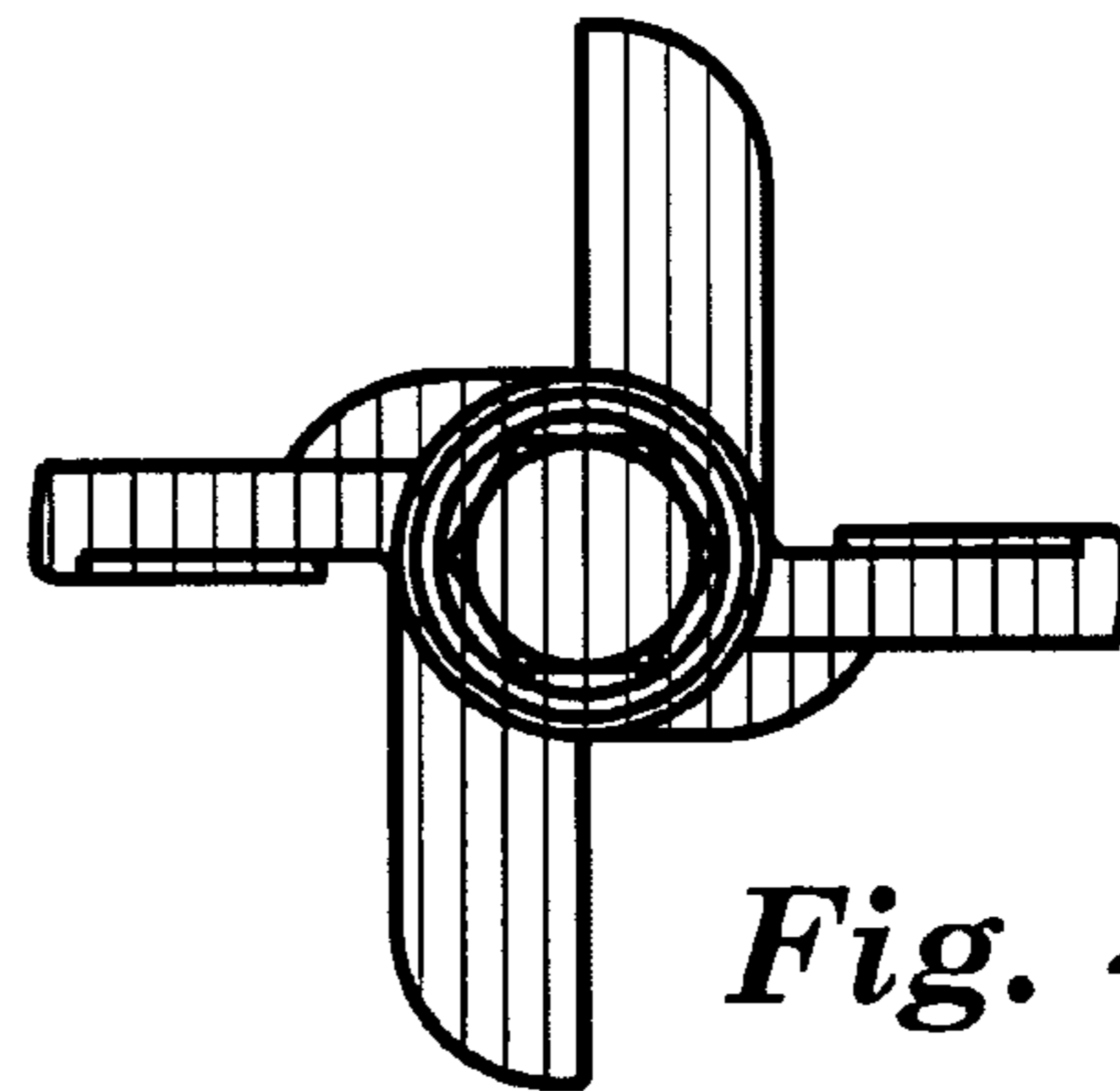


Fig. 4

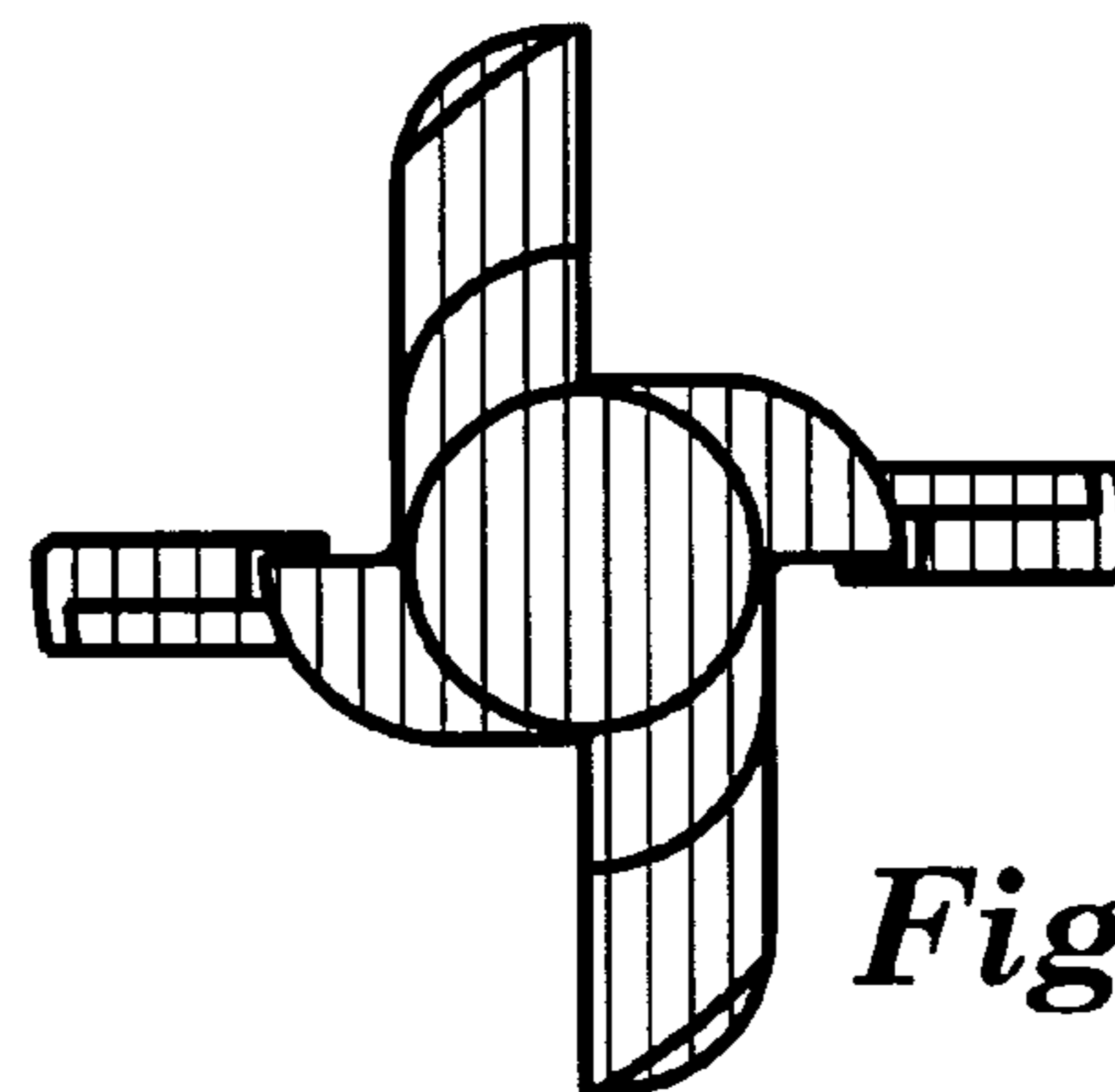


Fig. 5