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

(10) **Patent No.:** **US D571,927 S**  
(45) **Date of Patent:** **\*\* Jun. 24, 2008**

(54) **RED MIXING TIP SHAFT AND  
TRANSPARENT HOUSING COMBINATION**

EP 1149627 B1 8/2004

**OTHER PUBLICATIONS**

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

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.

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

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.

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

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.

(21) Appl. No.: **29/224,549**

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.

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

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.

(30) **Foreign Application Priority Data**

Sep. 20, 2004 (EM) ..... 000228275-0002

(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; 7/379

See application file for complete search history.

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(57)

**CLAIM**

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

(56) **References Cited**

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**DESCRIPTION**

FIG. 1 is a perspective view of a red mixing tip shaft and transparent housing combination, showing my new design;

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

FIG. 3 is a left side elevation view thereof;

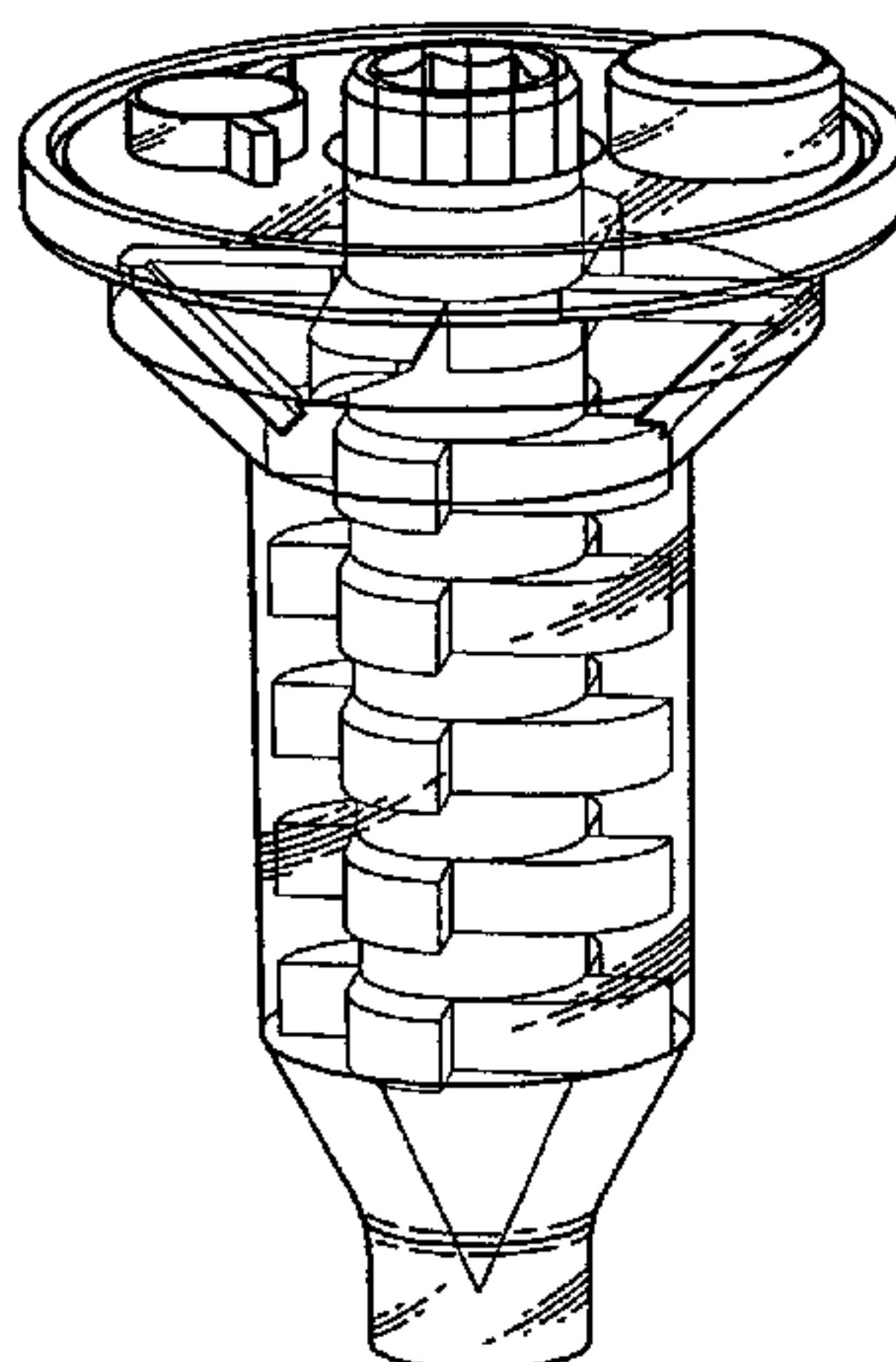
FIG. 4 is a right side elevation view thereof;

FIG. 5 is a top plan view thereof; and,

FIG. 6 is a bottom plan view thereof.

The drawings, FIGS. 1-3, 5 and 6 are lined for color. The following explanation of the color is provided for clarity. The lining in FIGS. 1-3, 5 and 6 represents red. It is understood that the entire surface of the mixing tip shaft seen in the center of the transparent housing is red.

**1 Claim, 2 Drawing Sheets**



OTHER PUBLICATIONS

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.

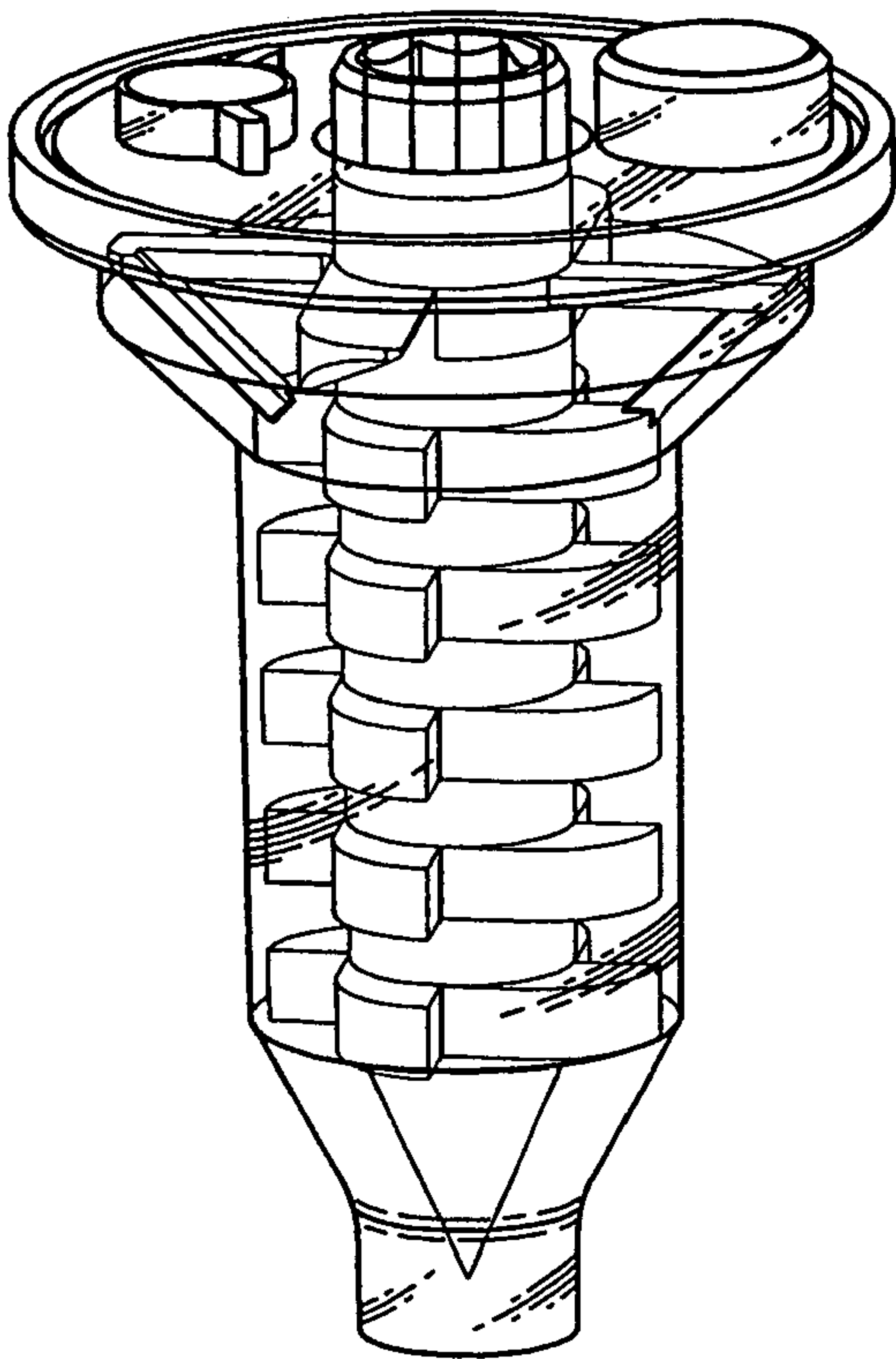
Color photograph (one page) of a DMG Chemisch-Pharmazeutische Fabrik GmbH dynamic mixing tip, which was publicly available prior to Sep. 20, 2004.

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

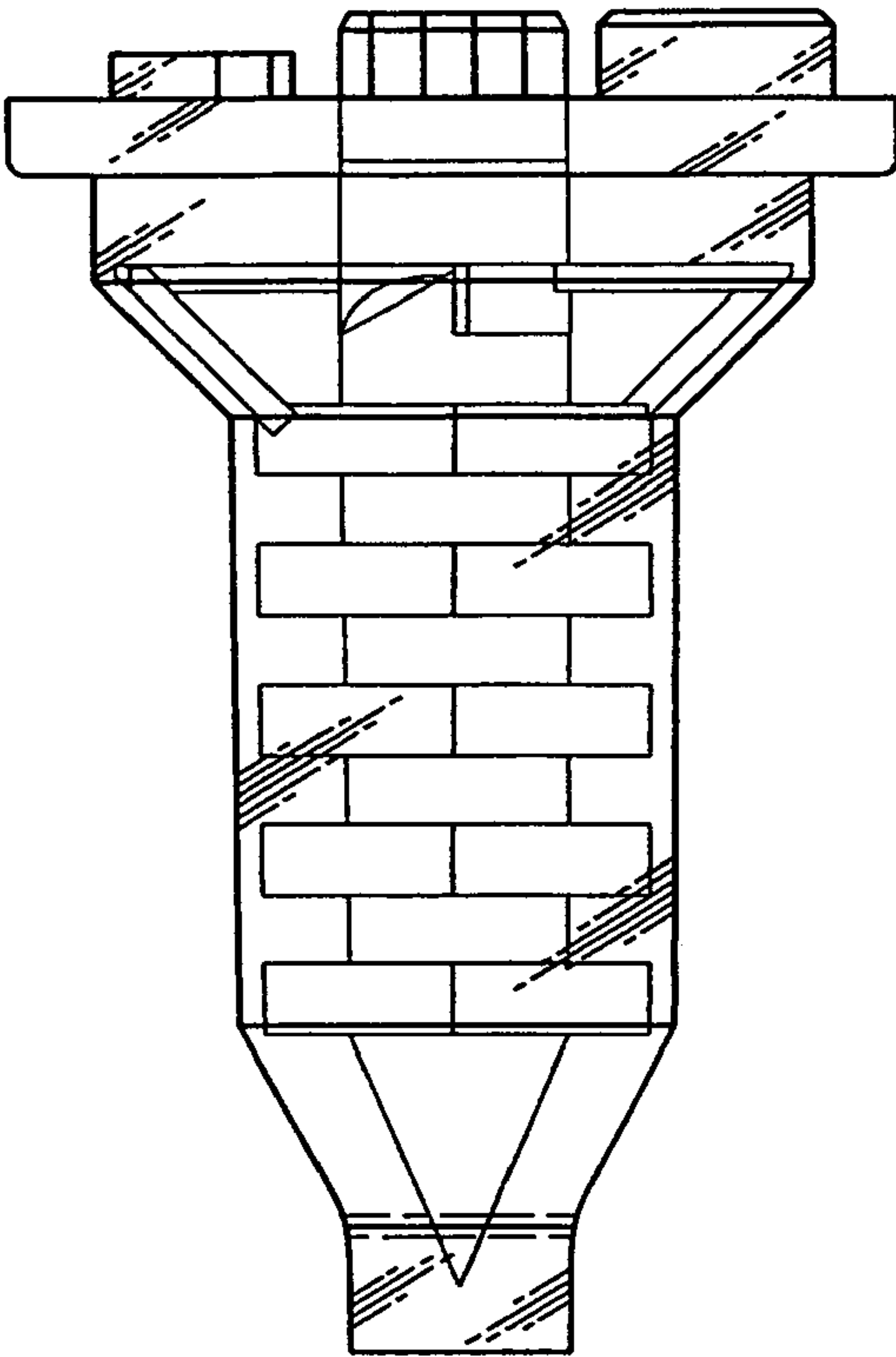
Color photograph (one page) of a DMG Chemisch-Pharmazeutische Fabrik GmbH dynamic mixing tip, which was publicly available prior to Sep. 20, 2004.

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

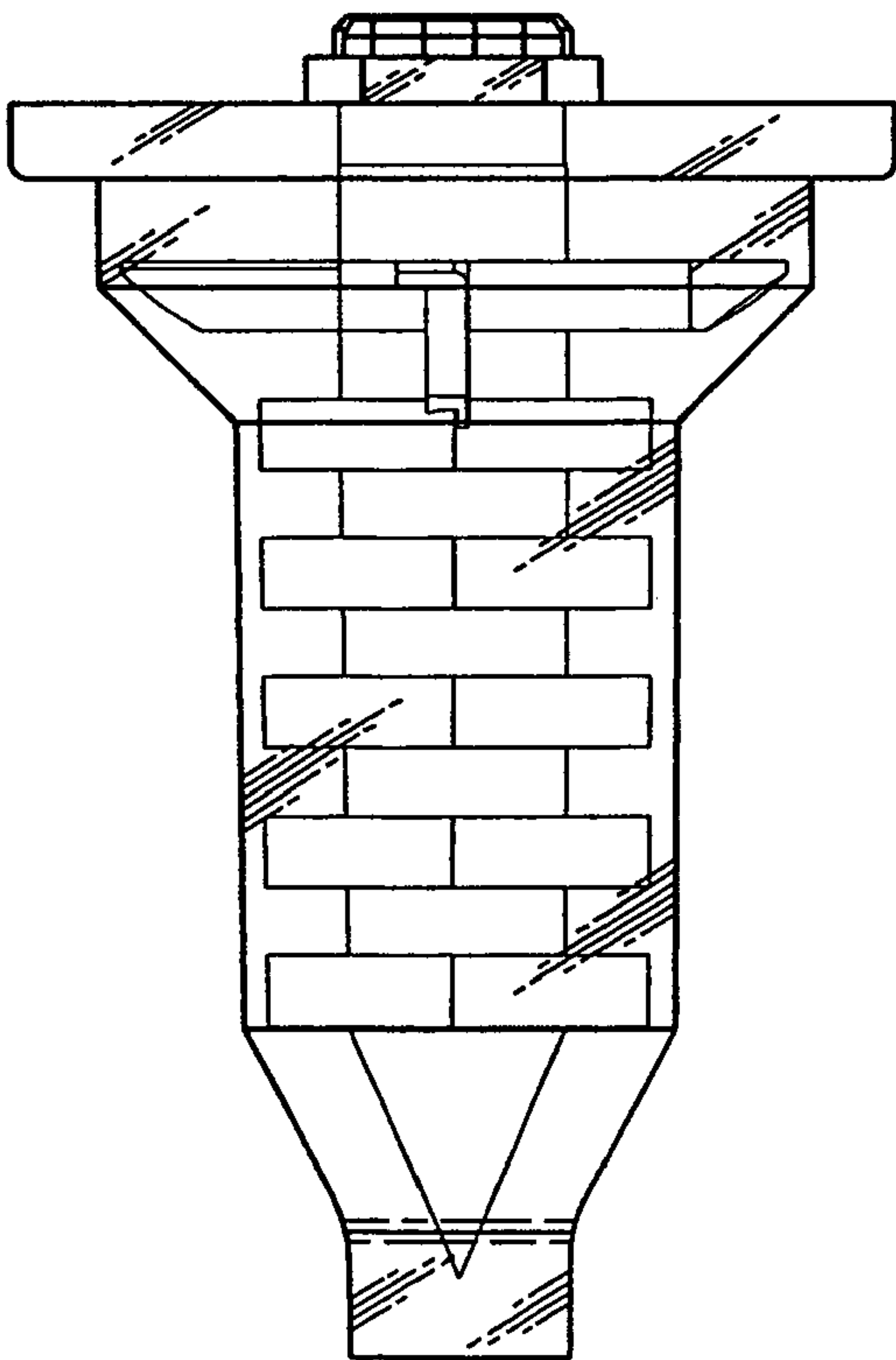
\* cited by examiner



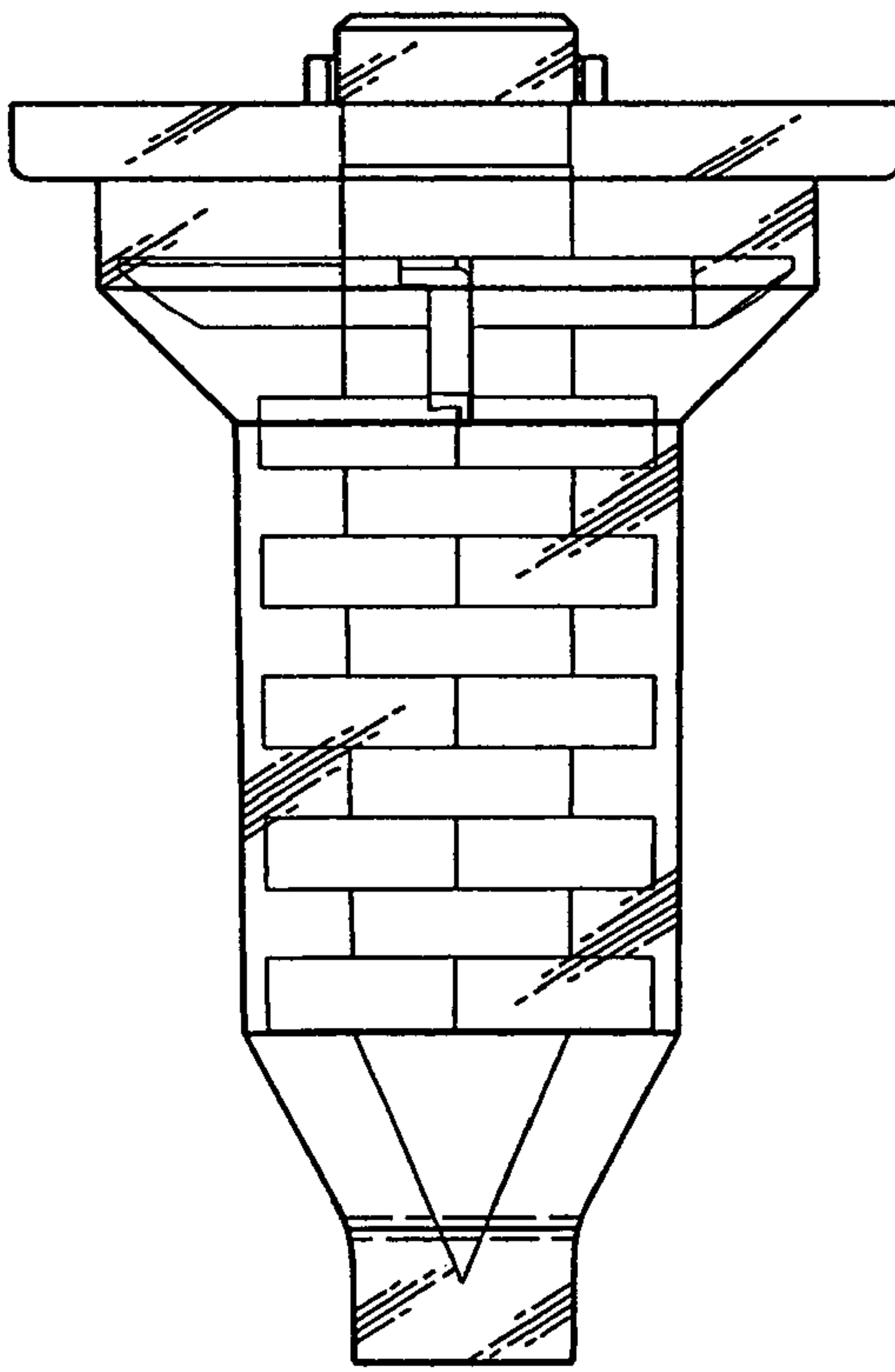
*Fig. 1*



*Fig. 2*

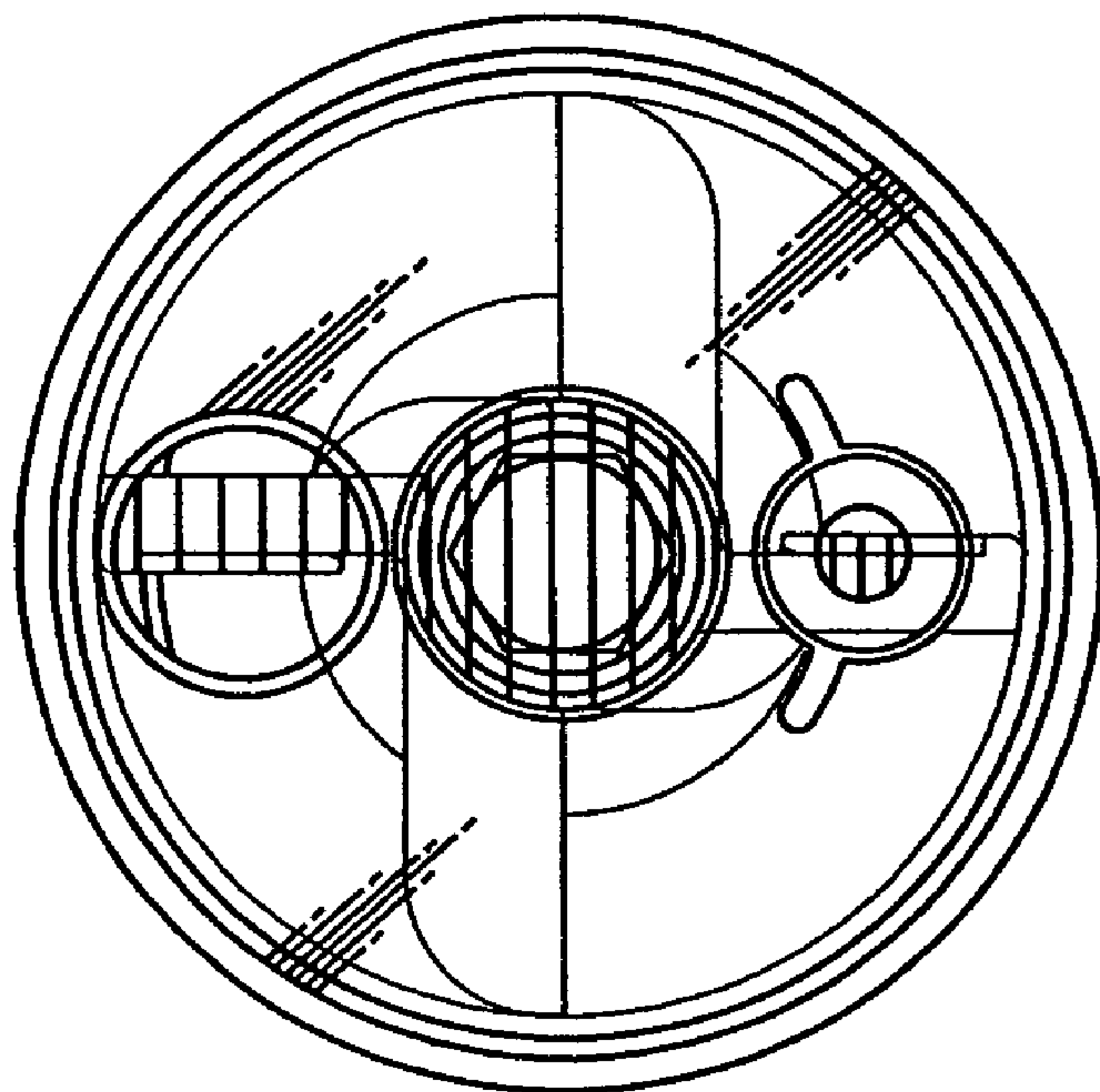


*Fig. 3*

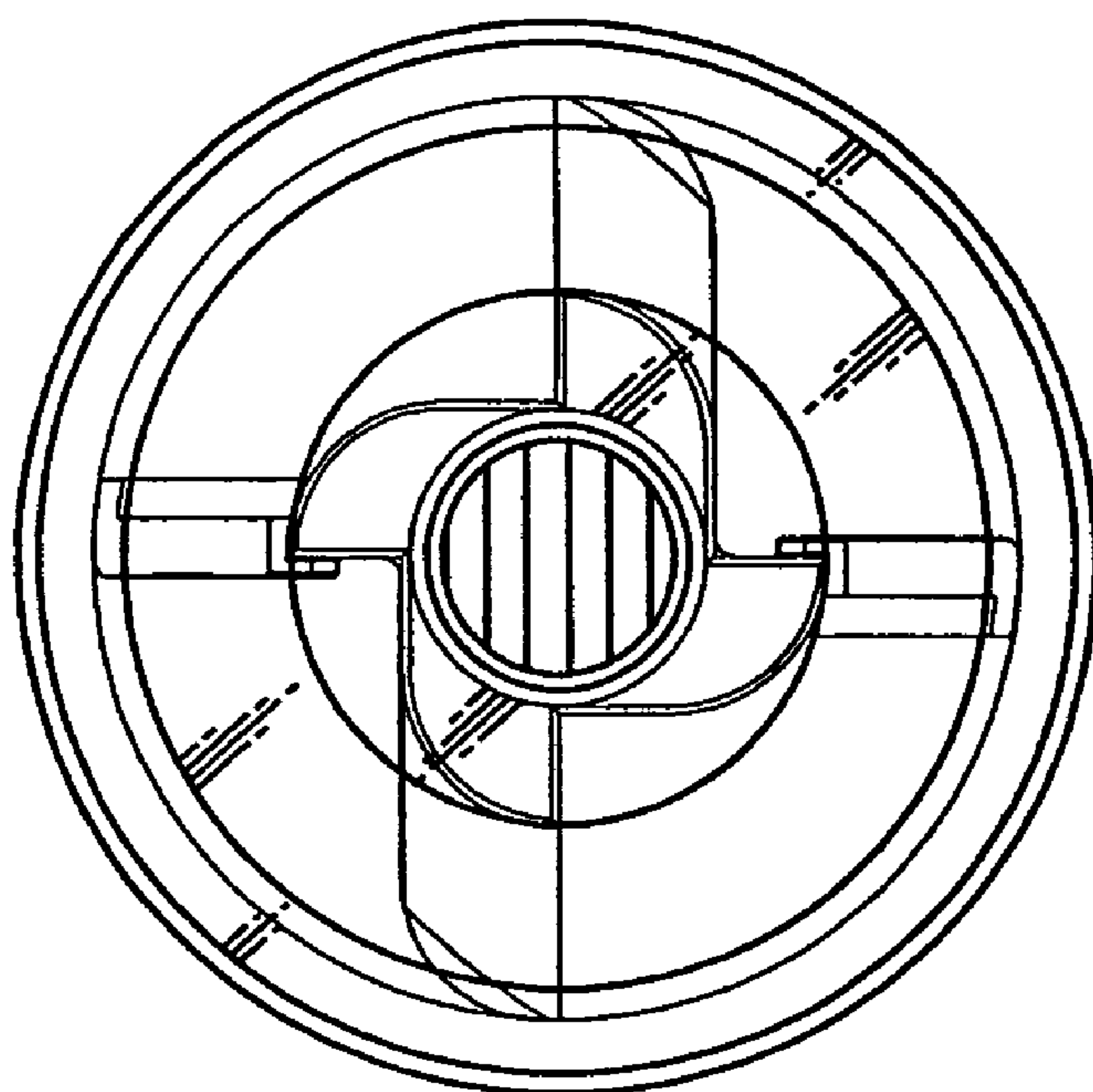


*Fig. 4*





***Fig. 5***



***Fig. 6***