US00D472970S

(12) **United States Design Patent** (10) **Patent No.: US D472,970 S**
Lund (45) **Date of Patent: ** Apr. 8, 2003**

(54) **CUP-SHAPED PIN GUIDE FOR PROSTHESIS COUPLER**

(76) Inventor: **Arnold A. Lund**, 18363 Applegate Rd., Applegate, CA (US) 95603

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

(21) Appl. No.: **29/160,342**

(22) Filed: **May 10, 2002**

(51) **LOC (7) Cl.** **24-02**
(52) **U.S. Cl.** **D24/140**; D24/155
(58) **Field of Search** D24/140, 155; 606/86, 81; 623/22.23, 22.12, 22.11, 20.29, 19.13, 18.11, 22.21

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,395,401	A *	3/1995	Bahler	623/20.39
6,156,069	A *	12/2000	Amstutz	623/22.11
6,364,910	B1 *	4/2002	Shultz et al.	606/86 X

* cited by examiner

Primary Examiner—Antoine Duval Davis
(74) *Attorney, Agent, or Firm*—Mark C. Jacobs

(57) **CLAIM**

The ornamental design for cup-shaped pin guide for prosthesis coupler, as shown and described.

DESCRIPTION

FIG. **1** is a top perspective view of the first embodiment of the shuttle lock of this design.
The right or left leg below the knee prosthesis coupler shown in dashed lines forms no part of this design and is depicted for informational purposes only.
FIG. **2** is a top plan view of the first embodiment of the shuttle lock of this design.
FIG. **3** is a rear elevational view of the first embodiment of this design.
FIG. **4** is a left side elevational view of the first embodiment of this design.
FIG. **5** is a front elevational view of the first embodiment of this design.
FIG. **6** is a bottom plan view of the first embodiment of this design.
FIG. **7** is a bottom perspective view of the shuttle lock of the first embodiment of this design.
FIG. **8** is a top perspective view of the first variant of the second embodiment.
The left leg above the knee prosthesis coupler shown in dashed lines forms no part of this design and is depicted for informational purposes only.
FIG. **9** is a top plan view of the first variant of the second embodiment.
FIG. **10** is a rear elevational view of the first embodiment's first variant of the shuttle lock of this design.
FIG. **11** is a right side elevational view of the second embodiment's first variant.
FIG. **12** is a front elevational view of the first embodiment of the shuttle lock of this design.
FIG. **13** is a left side elevational view of the first variant of the second embodiment of the leg stump receiver of this design.
FIG. **14** is a bottom plan view of the second embodiment's first variant of this design.
FIG. **15** is a slightly rotated right side view taken along the line **15—15** of FIG. **14**.
FIG. **16** is a bottom perspective view of the second embodiment's first variant of this design.
FIG. **17** is a top perspective view of the second variant of the second embodiment.
The left leg above the knee prosthesis coupler shown in dashed lines forms no part of this design and is depicted for informational purposes only.
FIG. **18** is a front elevational view of the second variant of the second embodiment of this design.
FIG. **19** is a slightly oriented left side elevational view of the second variant of the second embodiment of this design.
FIG. **20** is a right side elevational view of the second variant of the second embodiment.
FIG. **21** is a top perspective view of the third variant of the second embodiment of the shuttle lock of this design.
The left leg above the knee prosthesis coupler shown in dashed lines forms no part of this design and is depicted for informational purposes only.

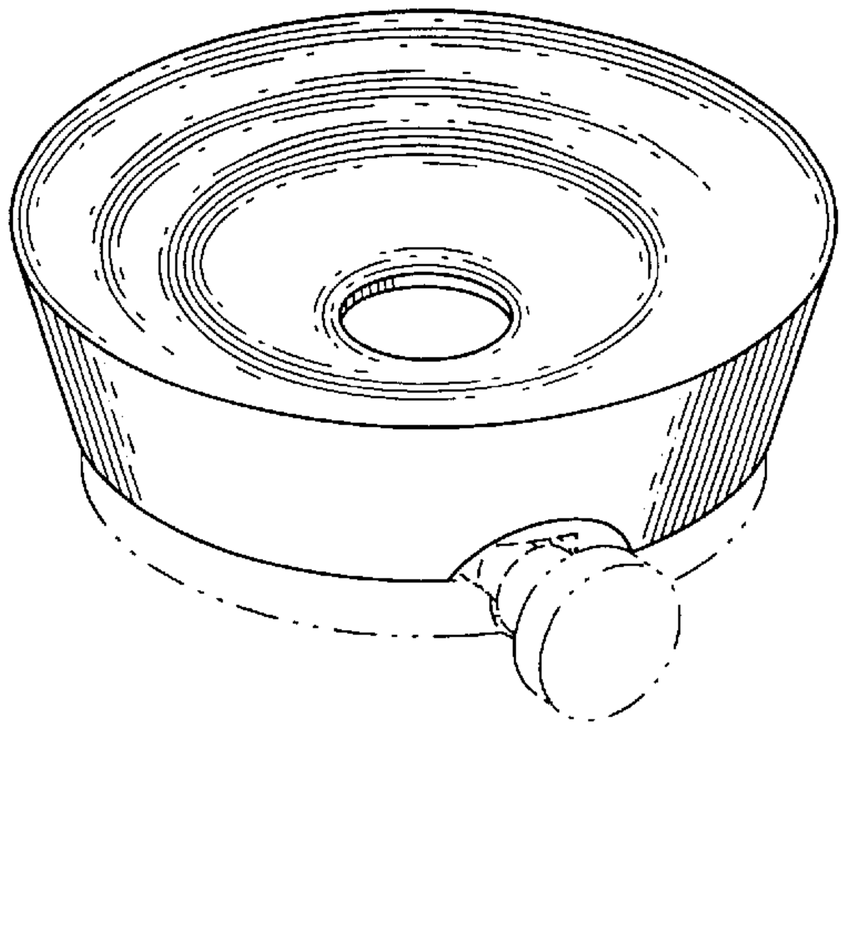

FIG. **22** is a front elevational view of the third variant of the second embodiment of this design.

FIG. **23** is a slightly oriented left side elevational view of the third variant of the second embodiment of the shuttle lock of this design; and,

FIG. **24** is a right side elevational view of the third variant of the second embodiment of the shuttle lock of this design.

1 Claim, 5 Drawing Sheets

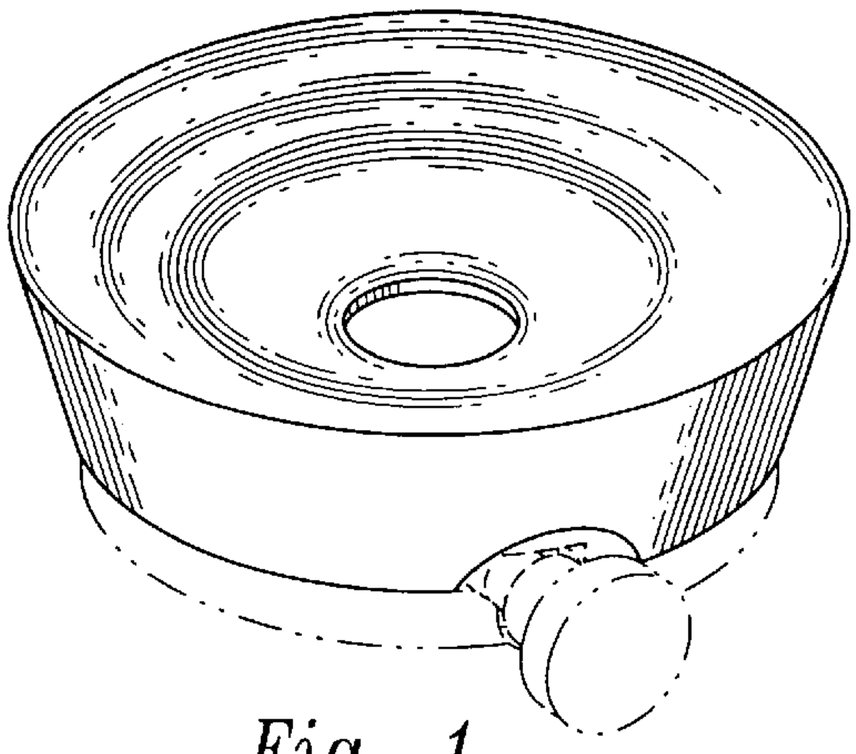

Fig. 1

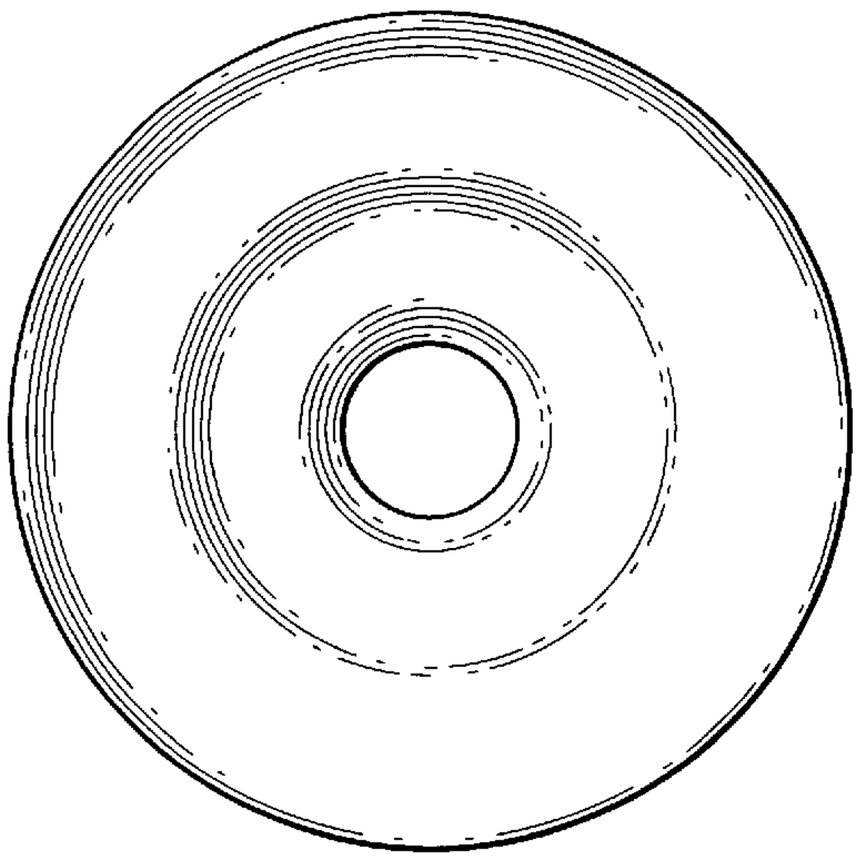

Fig. 2

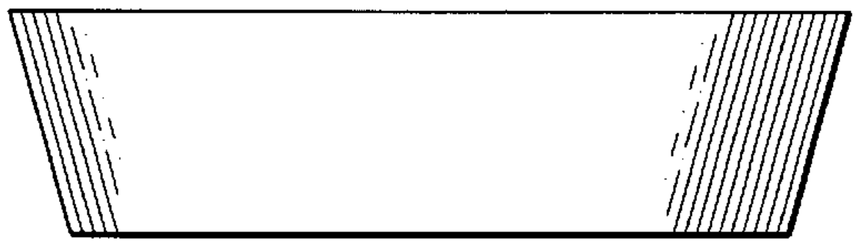

Fig. 3

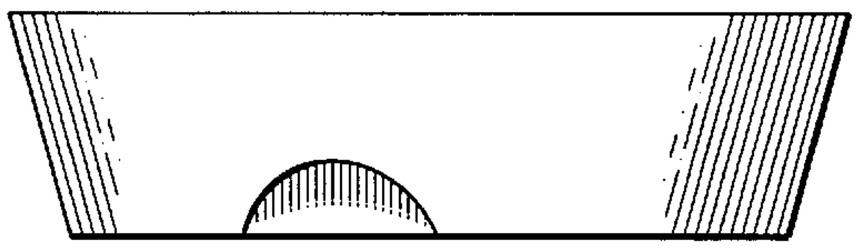

Fig. 4

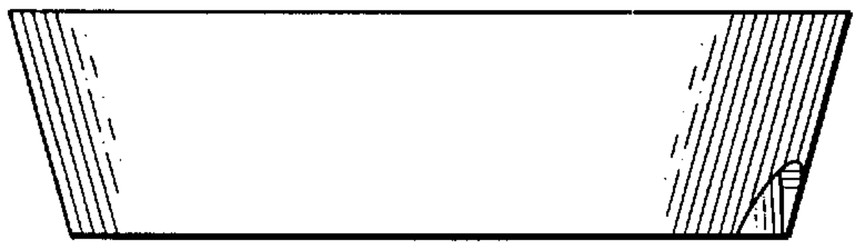

Fig. 5

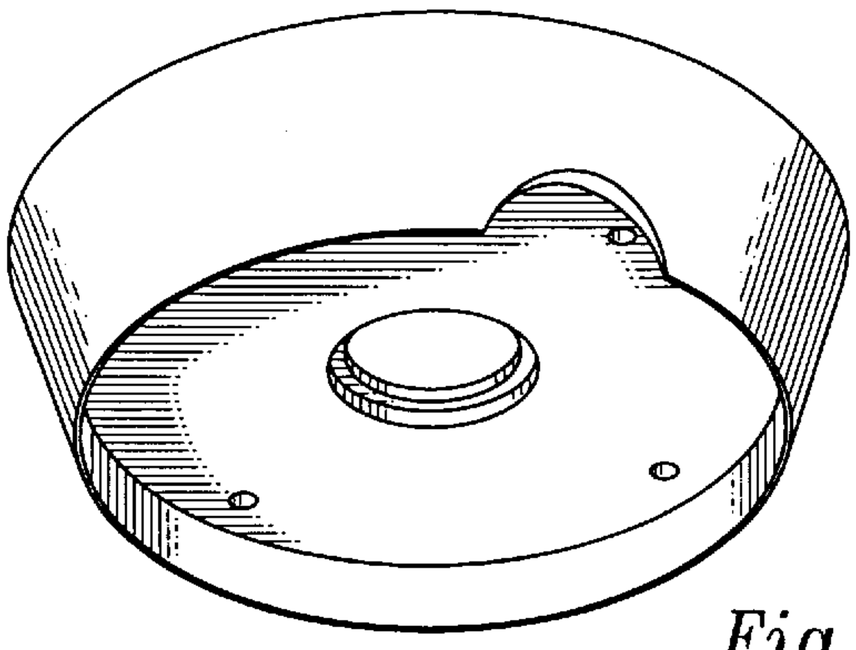

Fig. 7

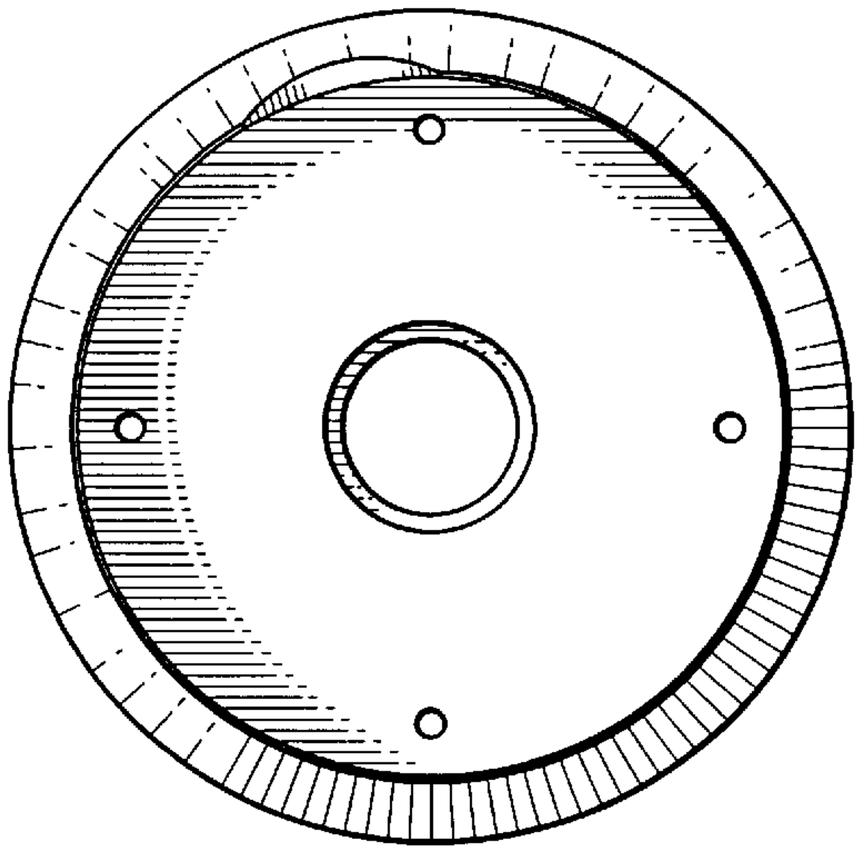

Fig. 6

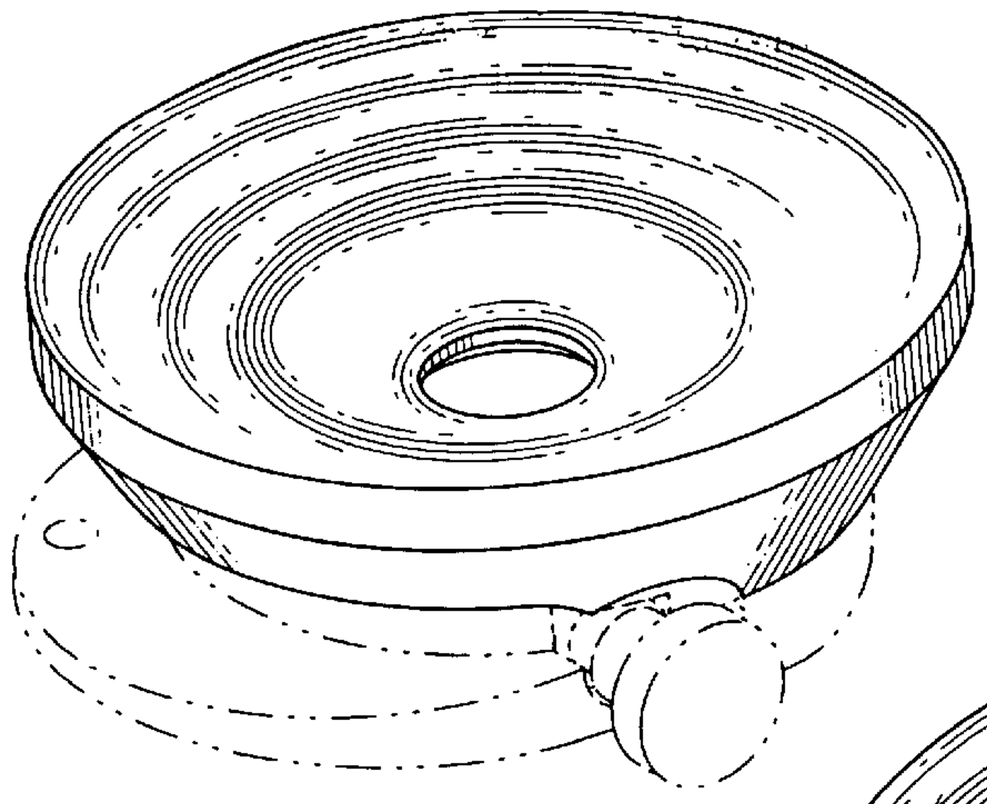

Fig. 8

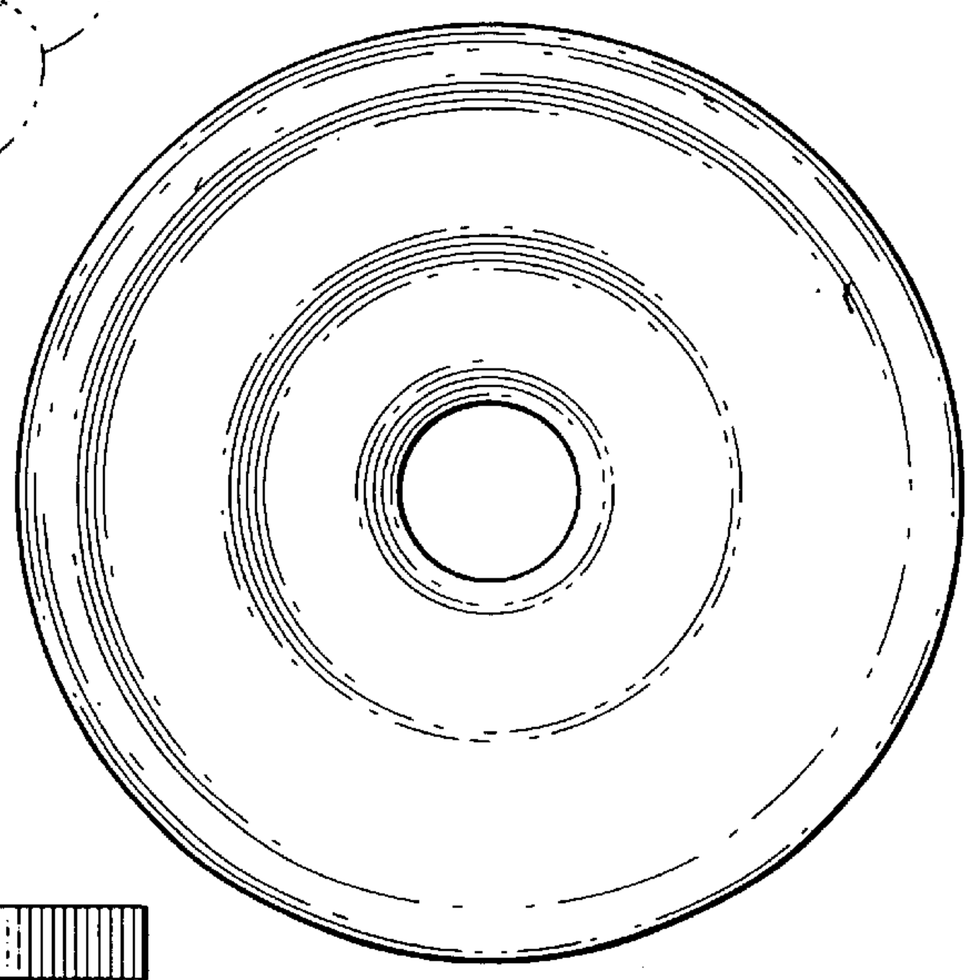

Fig. 9

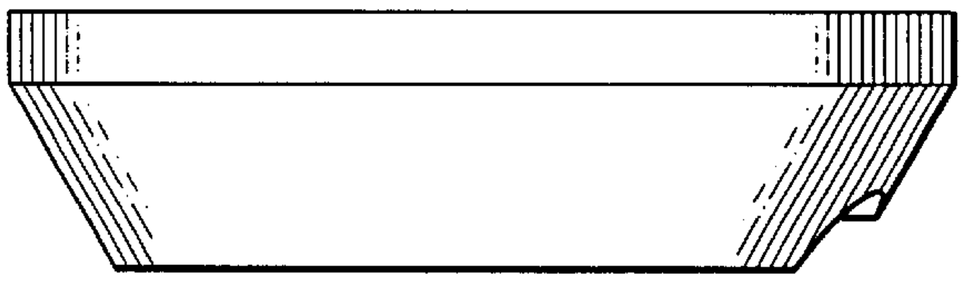

Fig. 10

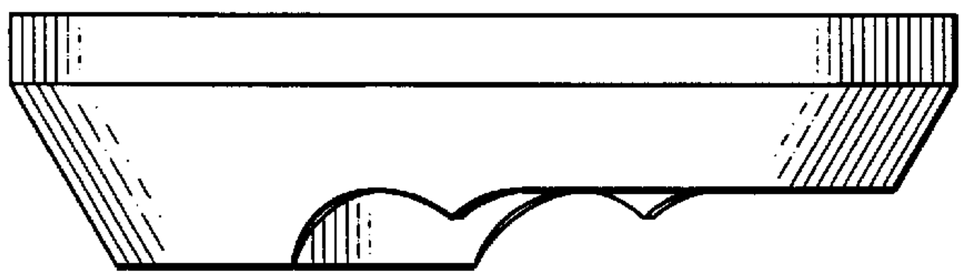

Fig. 11

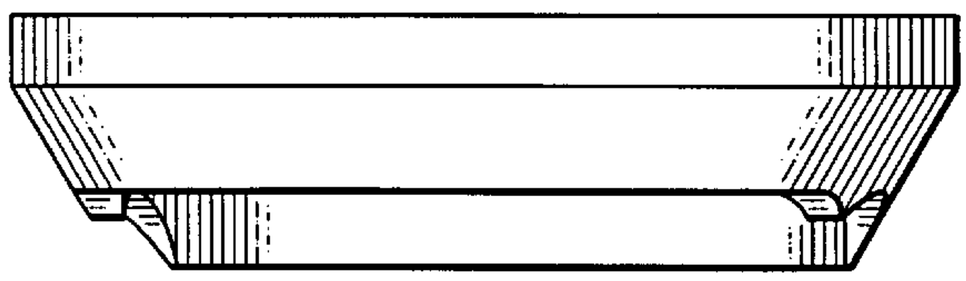

Fig. 12

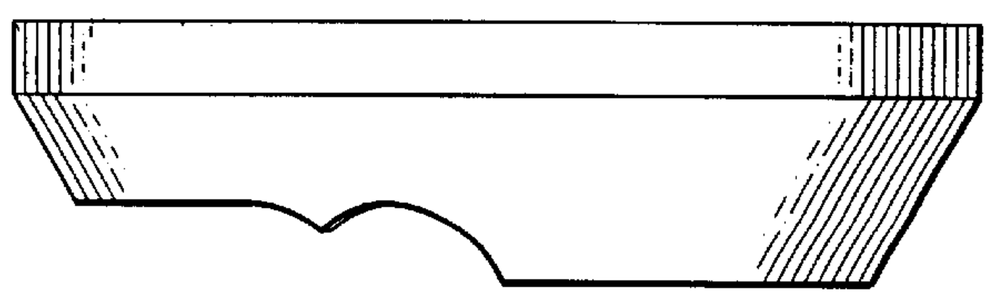

Fig. 13

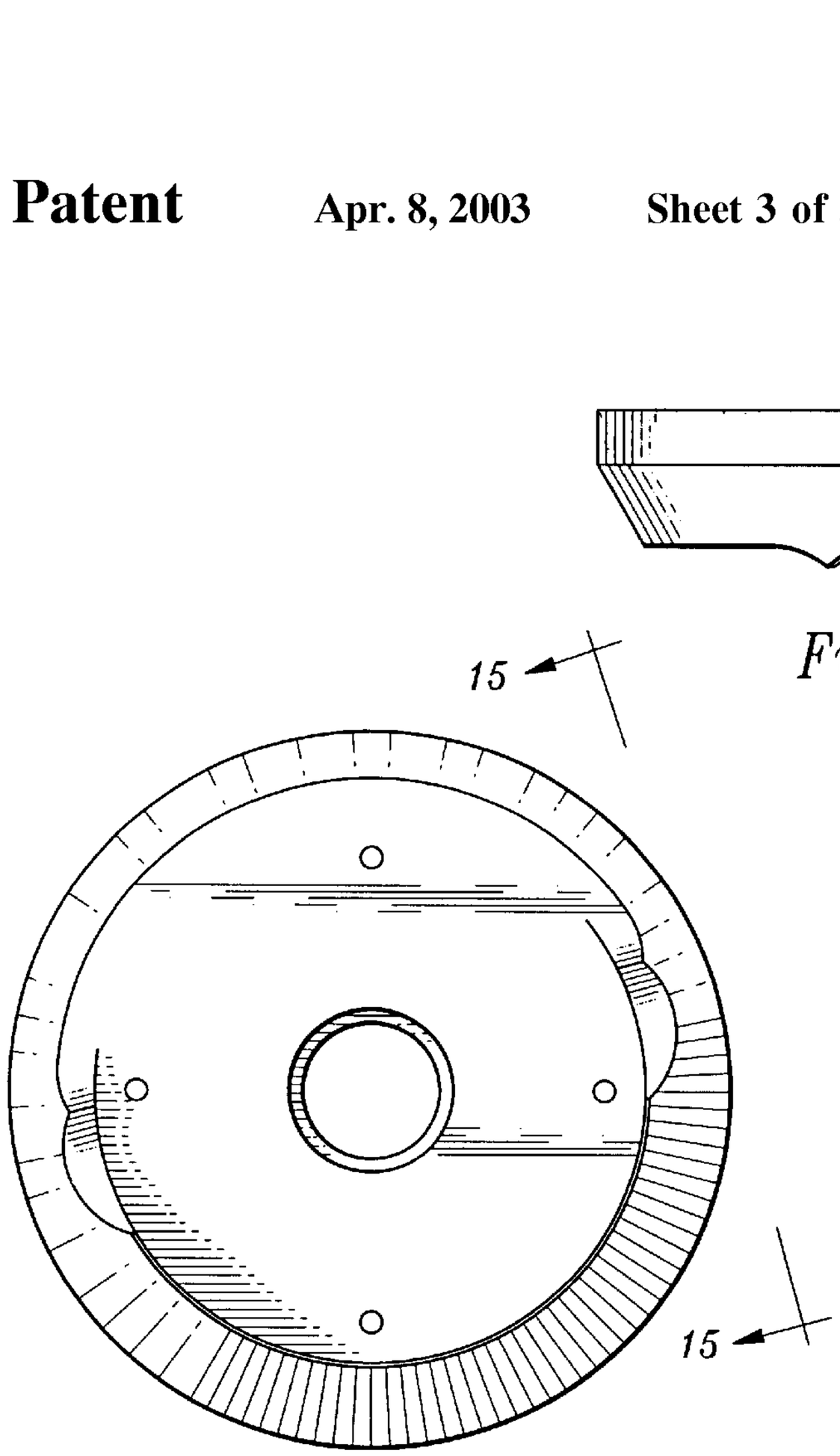

Fig. 14

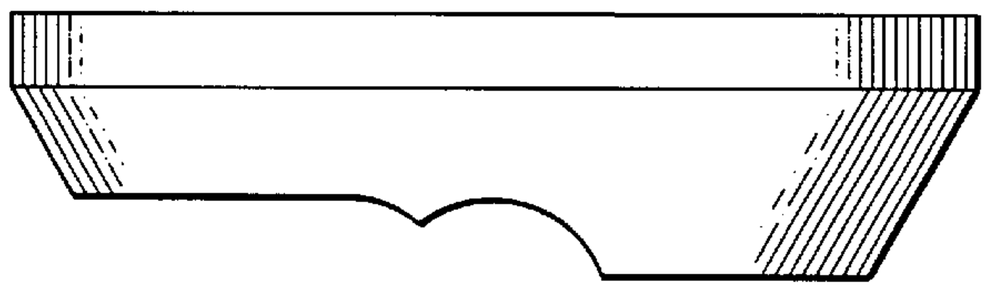

Fig. 15

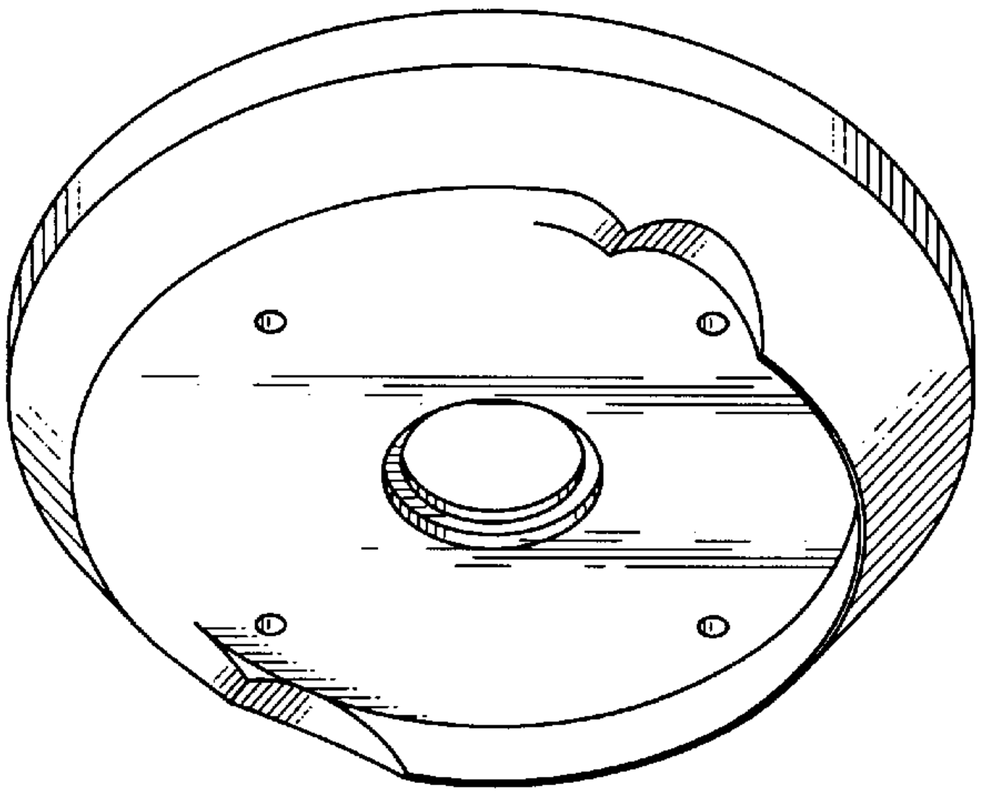

Fig. 16

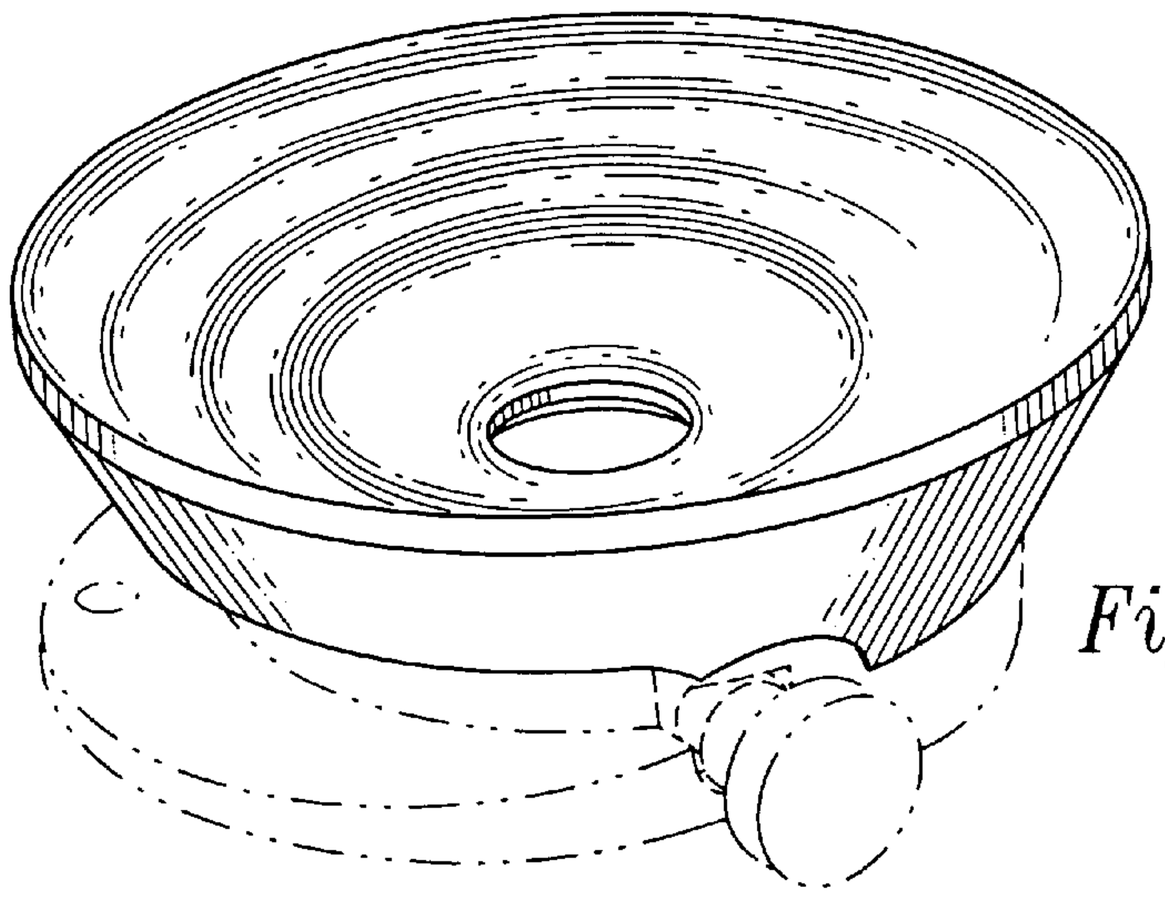

Fig. 17

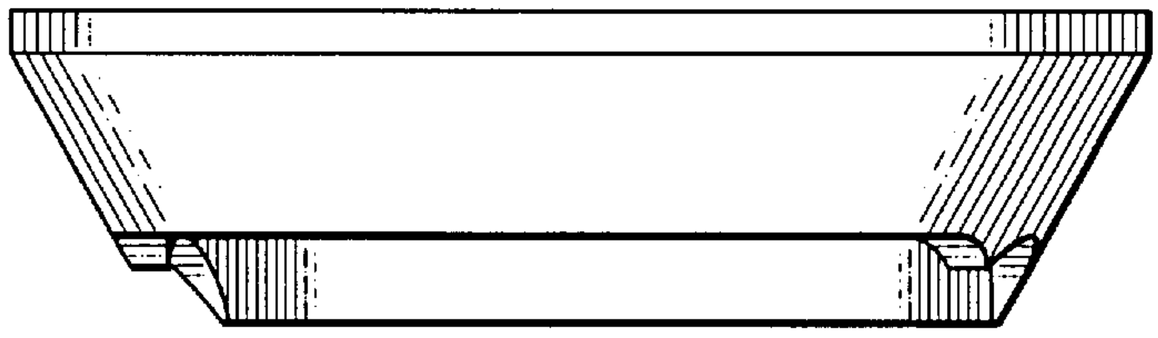

Fig. 18

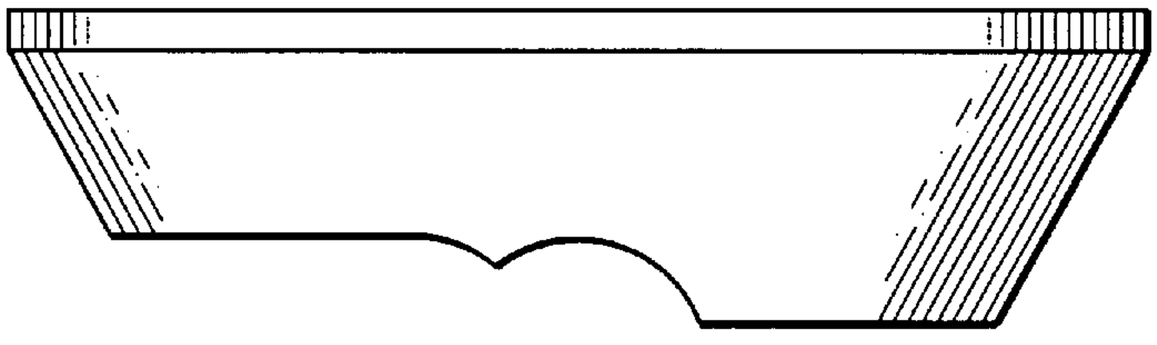

Fig. 19

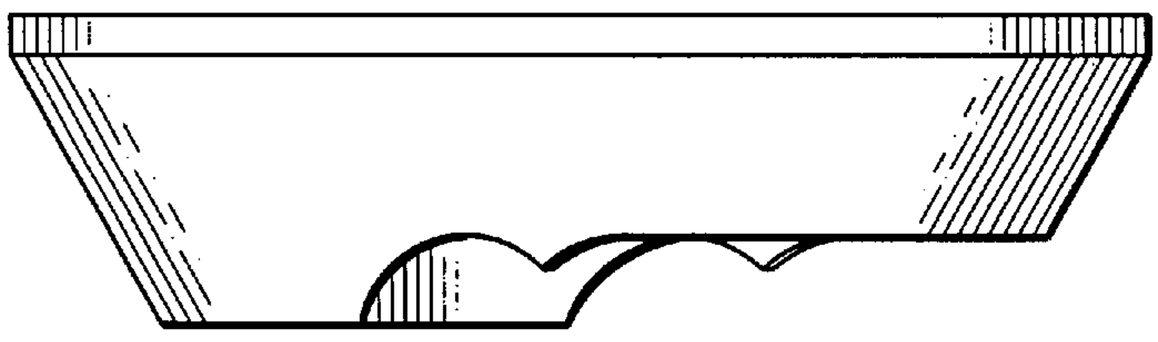

Fig. 20

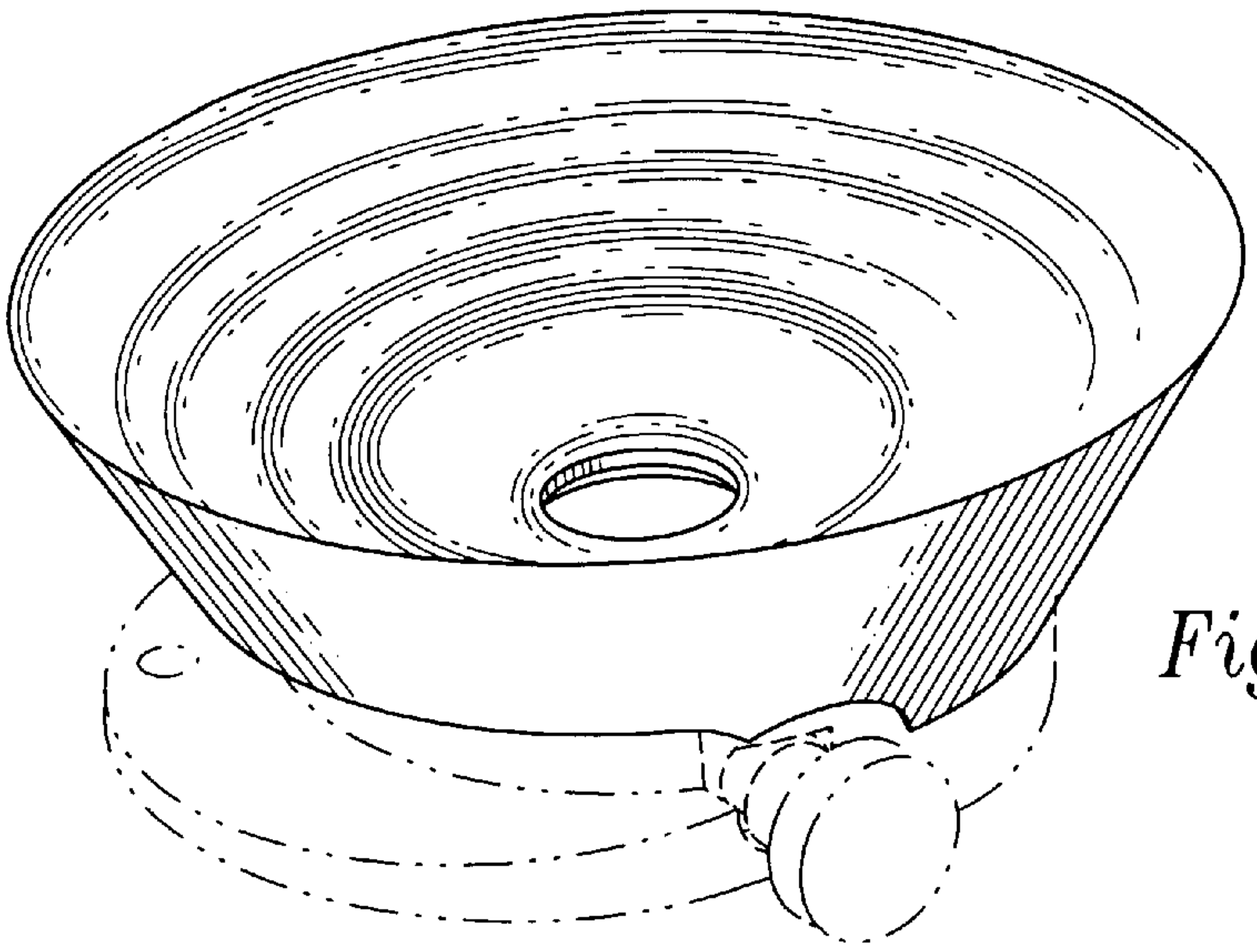

Fig. 21

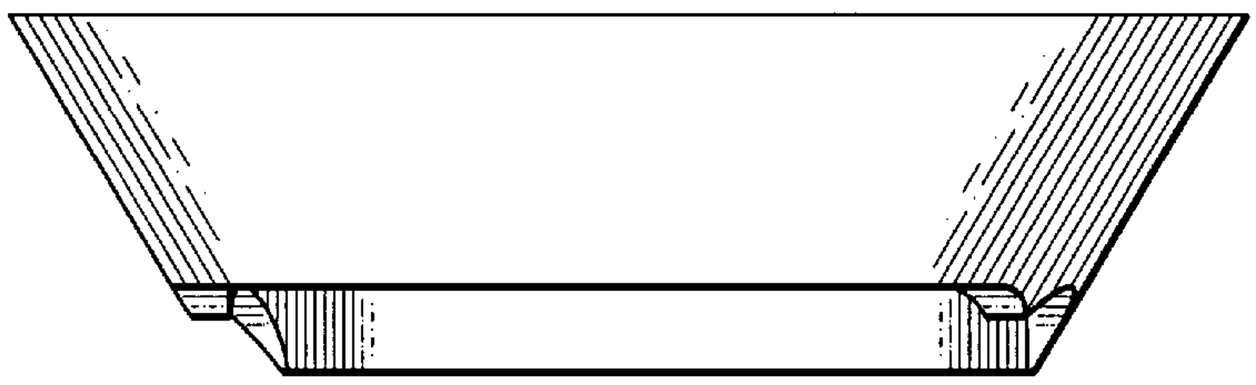

Fig. 22

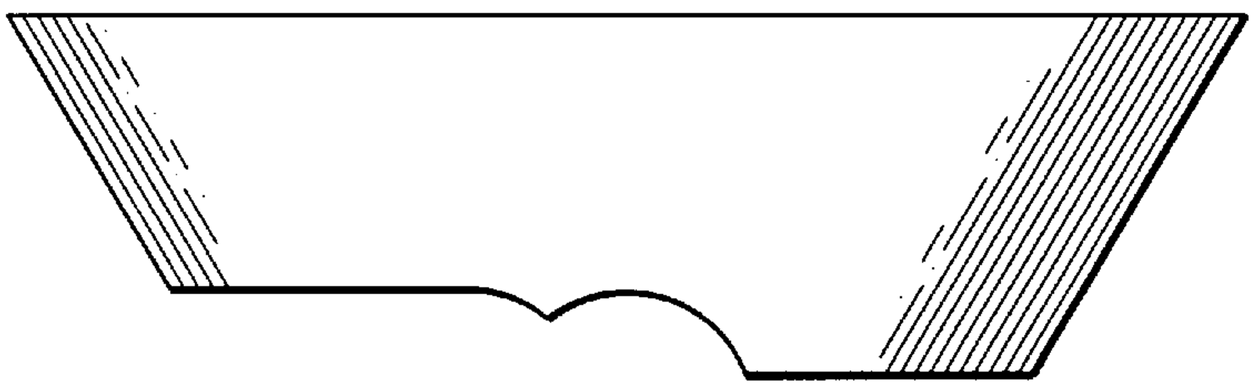

Fig. 23

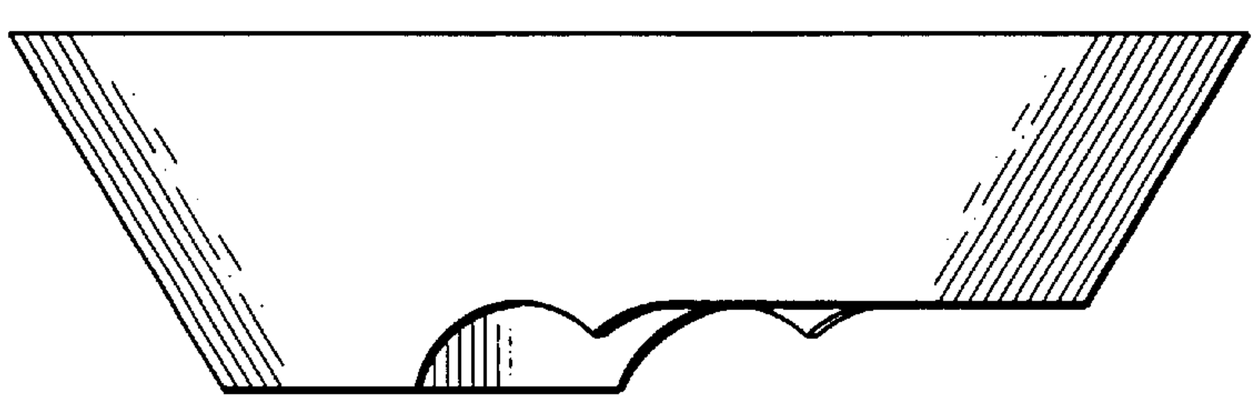

Fig. 24