



US00D442457S

(12) **United States Design Patent**  
**Ray**(10) Patent No.: **US D442,457 S**  
(45) Date of Patent: \*\* May 22, 2001(54) **CULINARY KNIFE MAINTENANCE AND SHARPENING STEEL**

6,048,262 \* 4/2000 Ray ..... 451/555

\* cited by examiner

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(\*\*) Term: **14 Years**(57) **CLAIM**(21) Appl. No.: **29/119,613**

The ornamental design for a culinary knife maintenance and sharpening steel, as shown and described.

(22) Filed: **Mar. 6, 2000****DESCRIPTION**(51) LOC (7) Cl. ..... **08-05**

FIG. 1 is a front elevation view of the novel culinary knife maintenance and sharpening steel and the rear elevation view, left side elevation view and right side elevation views are identical;

(52) U.S. Cl. ..... **D8/93; D8/91**

FIG. 2 is a top plan view thereof;

(58) Field of Search ..... D8/90, 91, 92,

FIG. 3 is a bottom plan view thereof;

D8/93; 451/555, 556, 557, 524; 76/82,  
84, 88

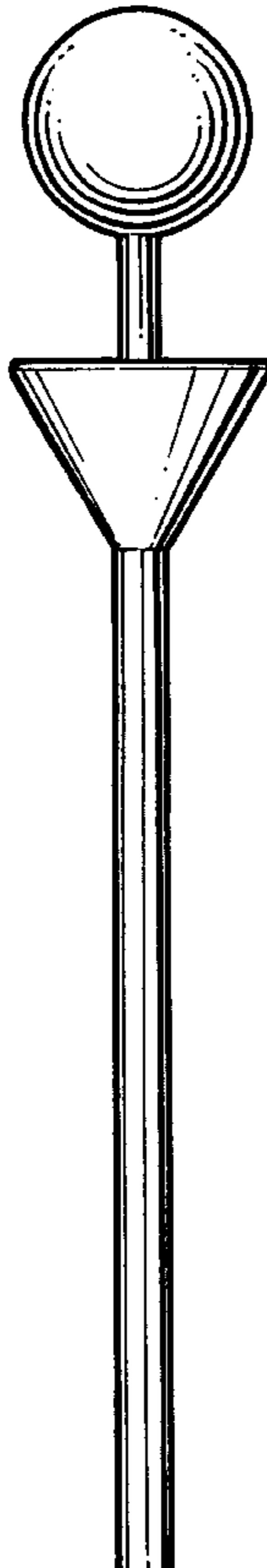
FIG. 4 is a front partial elevation view of a first alternative embodiment of the novel culinary knife maintenance and sharpening steel and it's rear elevation view, left side elevation view and right side elevation views are identical; the top plan view and the bottom plan view of the first alternative embodiment would be the same as that illustrated in FIGS. 2 and 3; and,

(56) **References Cited**

FIG. 5 is a front elevation view of a second alternative embodiment of the handle and it's rear elevation view, left side elevation view and right side elevation view are identical.

## U.S. PATENT DOCUMENTS

- |           |   |         |                |         |
|-----------|---|---------|----------------|---------|
| 1,381,334 | * | 6/1921  | Ranz           | 76/84   |
| 1,394,927 | * | 10/1921 | Martin         | 76/84   |
| 1,442,237 | * | 1/1923  | Hannaford      | 76/84   |
| 1,667,282 | * | 4/1928  | Callum         | 76/84   |
| 1,888,102 | * | 11/1932 | Zahler         | 76/84   |
| 2,194,525 | * | 3/1940  | Nordberg       | 76/84   |
| 3,420,123 | * | 1/1969  | Waterman, III  | 76/84   |
| 4,094,106 | * | 6/1978  | Harris         | 451/555 |
| 4,197,677 | * | 4/1980  | Graves         | 451/555 |
| 5,046,385 | * | 9/1991  | Cozzini et al. | 451/555 |
| 5,431,070 | * | 7/1995  | Thames         | 76/88   |

**1 Claim, 1 Drawing Sheet**

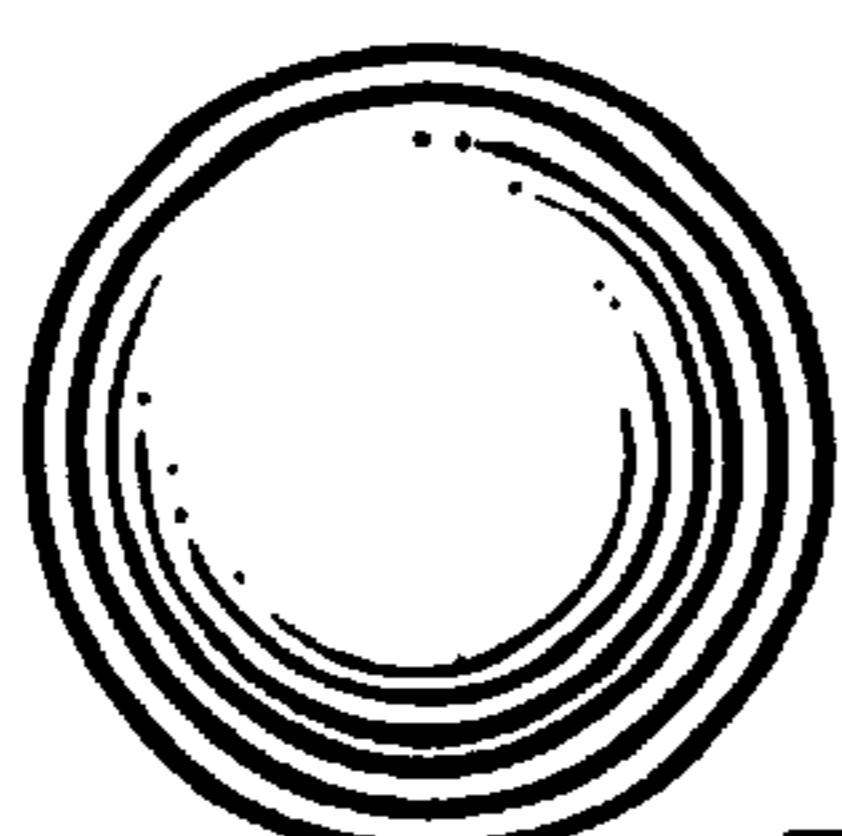


FIG. 2

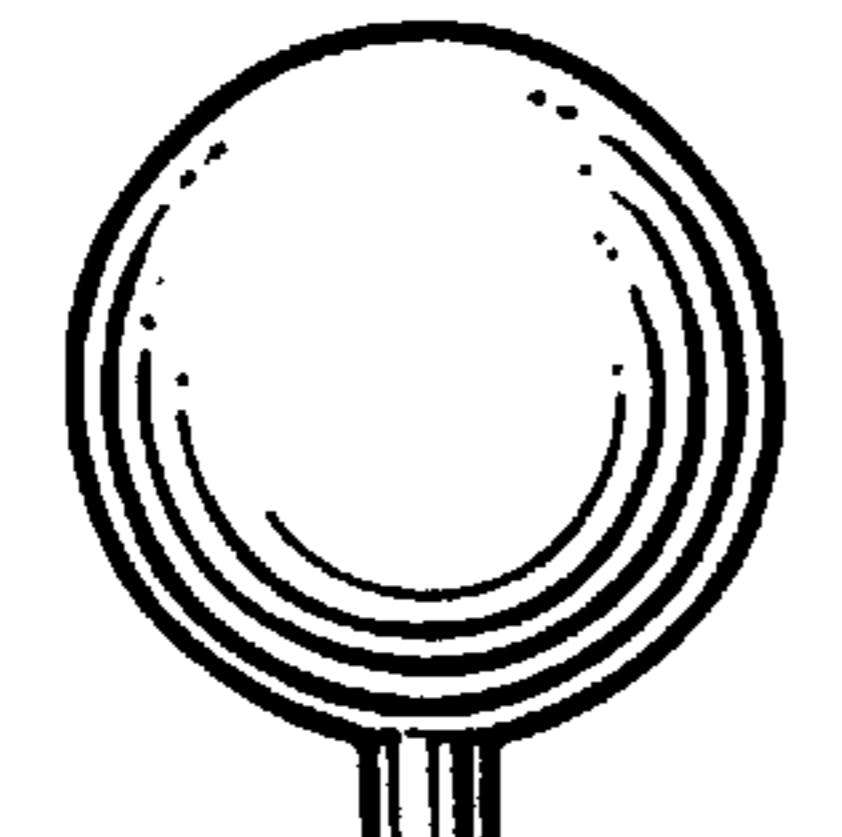


FIG. 1

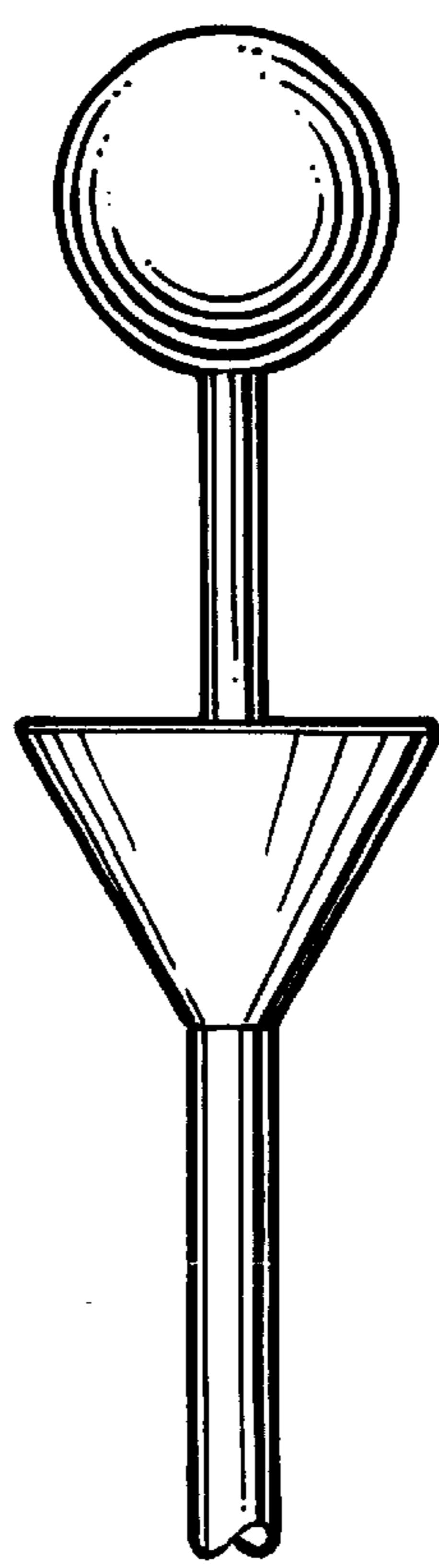


FIG. 4

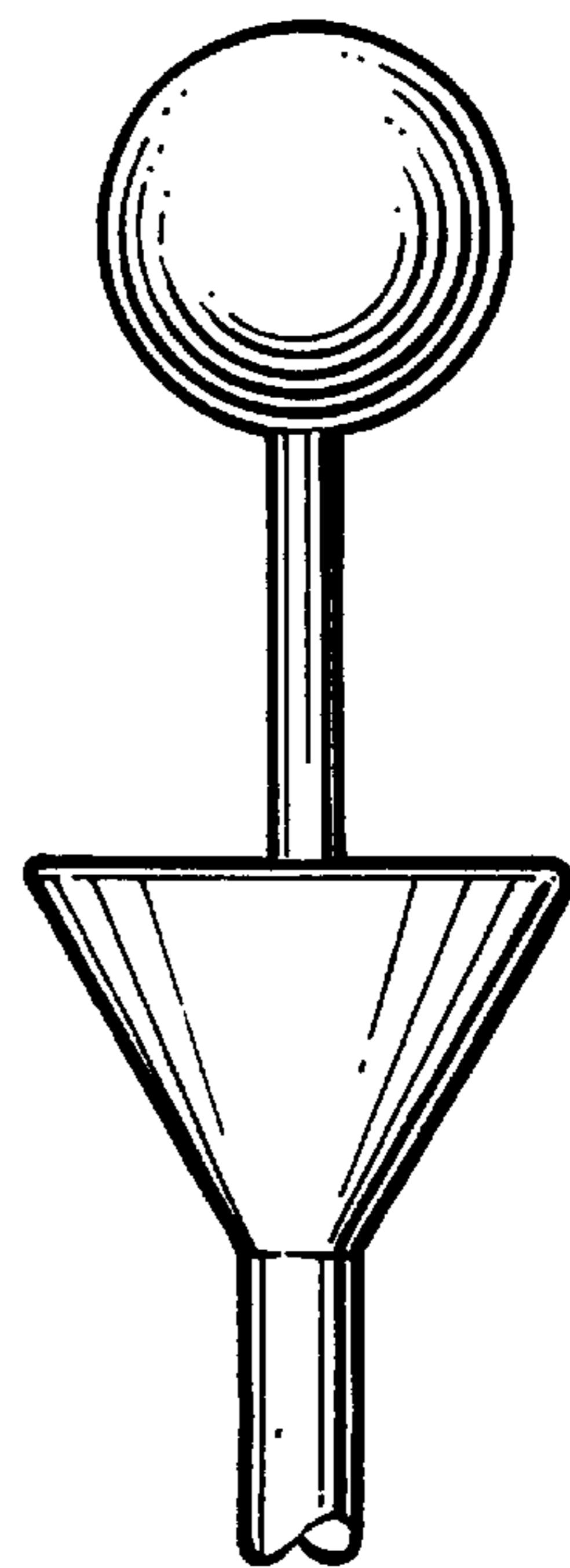


FIG. 5

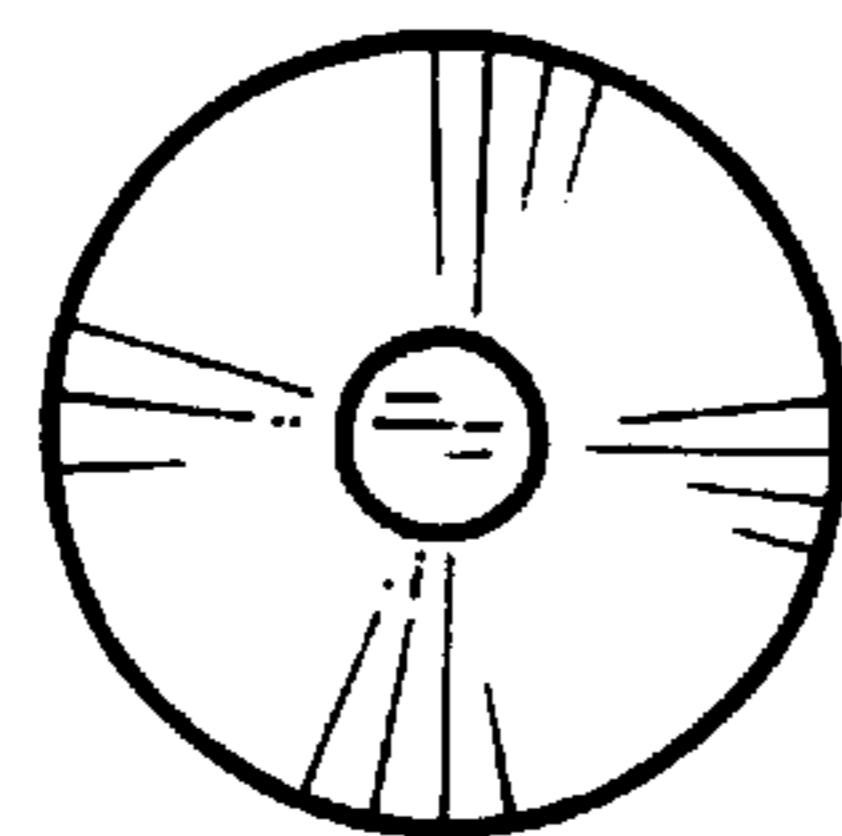


FIG. 3