



US00D368908S

# United States Patent [19]

Ikenaga

[11] Patent Number: Des. 368,908

[45] Date of Patent: \*\*Apr. 16, 1996

[54] OPTICAL AND MAGNETIC DISC RECORDER

[75] Inventor: Takashi Ikenaga, Tokyo, Japan

[73] Assignee: Sony Corporation, Tokyo, Japan

[\*\*] Term: 14 Years

[21] Appl. No.: 32,770

[22] Filed: Dec. 27, 1994

## [30] Foreign Application Priority Data

Jun. 29, 1994 [JP] Japan ..... 6-18968

[52] U.S. Cl. ..... D14/156; D14/260; D14/136;  
D14/167[58] Field of Search ..... D14/136, 156,  
D14/160, 161, 163, 167, 168, 260, 299;  
369/75.1, 75.2, 77.1, 77.2, 213, 270

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Primary Examiner—Sandra L. Morris

Attorney, Agent, or Firm—Beveridge, DeGrandi, Weilacher &amp; Young

## [57] CLAIM

The ornamental design for an optical and magnetic disc recorder, as shown and described.

## DESCRIPTION

FIG. 1 is a perspective view of the optical and magnetic disc recorder showing my new design;

FIG. 2 is a front elevational view of the optical and magnetic disc recorder;

FIG. 3 is a rear elevational view of the optical and magnetic disc recorder;

FIG. 4 is a top plan view of the optical and magnetic disc recorder;

FIG. 5 is a bottom plan view of the optical and magnetic disc recorder;

FIG. 6 is a left elevational view of the optical and magnetic disc recorder;

FIG. 7 is a right elevational view of the optical and magnetic disc recorder;

FIG. 8 is a perspective view of the optical and magnetic disc recorder in the open position;

FIG. 9 is a perspective view of another embodiment of the optical and magnetic disc recorder showing my new design;

FIG. 10 is a top plan view of the embodiment of FIG. 9;

FIG. 11 is a bottom plan view of the embodiment of FIG. 9;

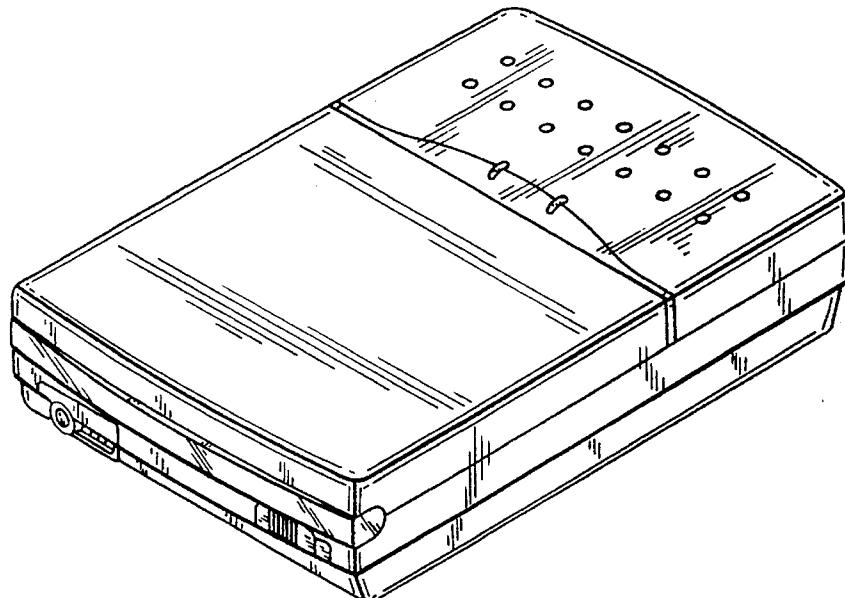
FIG. 12 is a front elevational view of the embodiment of FIG. 9;

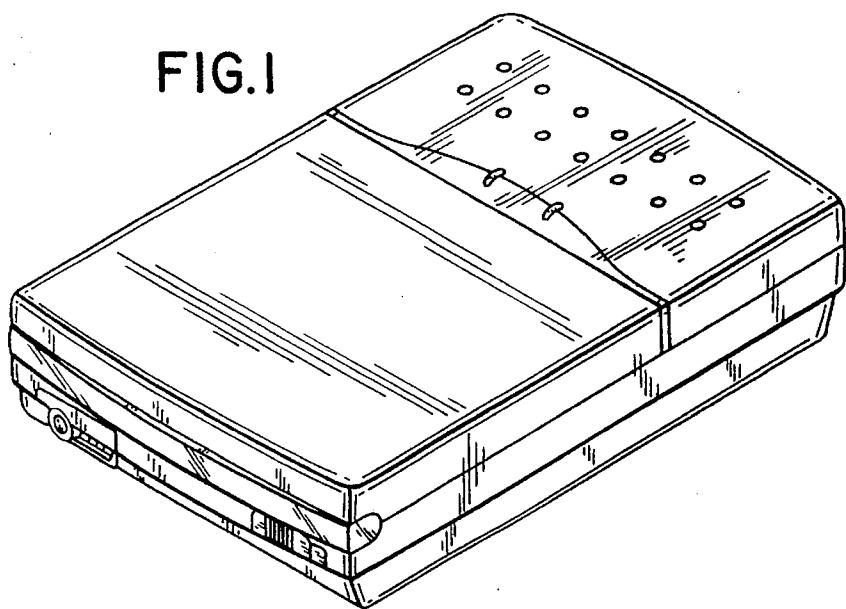
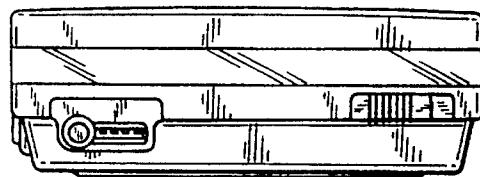
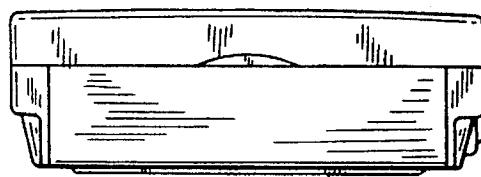
FIG. 13 is a rear elevational view of the embodiment of FIG. 9;

FIG. 14 is a left elevational view of the embodiment of FIG. 9; and,

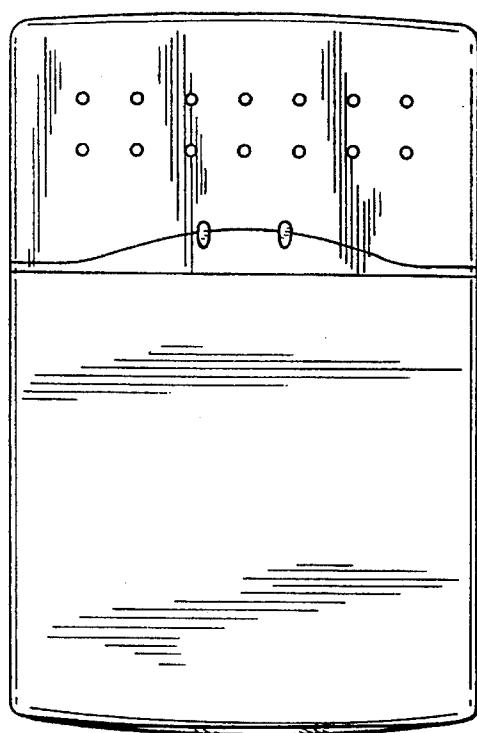
FIG. 15 is a right elevational view of the embodiment of FIG. 9.

1 Claim, 6 Drawing Sheets



**FIG.1****FIG.2****FIG.3**

**FIG. 4**



**FIG. 5**

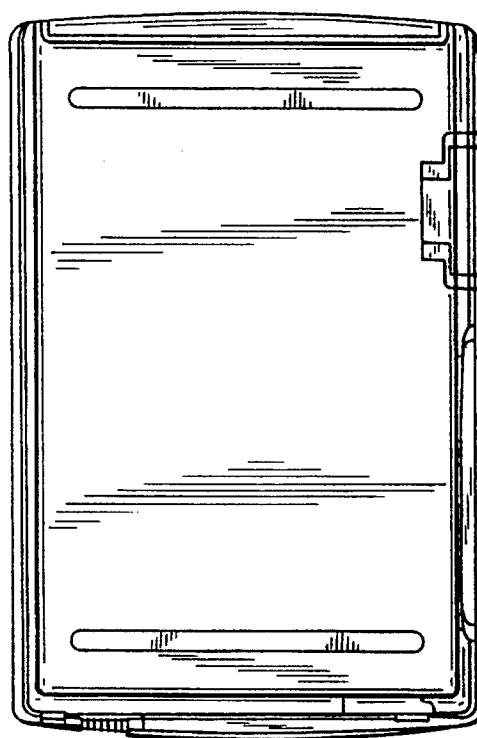


FIG.6

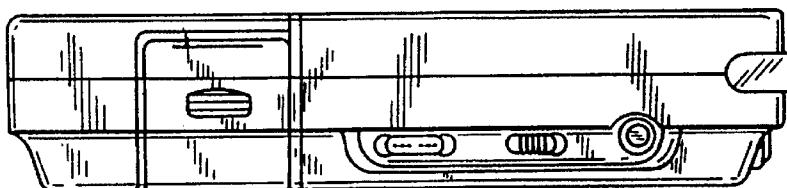


FIG.7

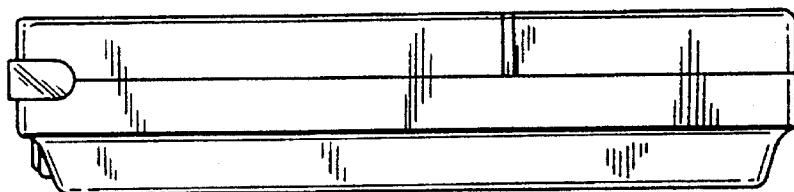


FIG.8

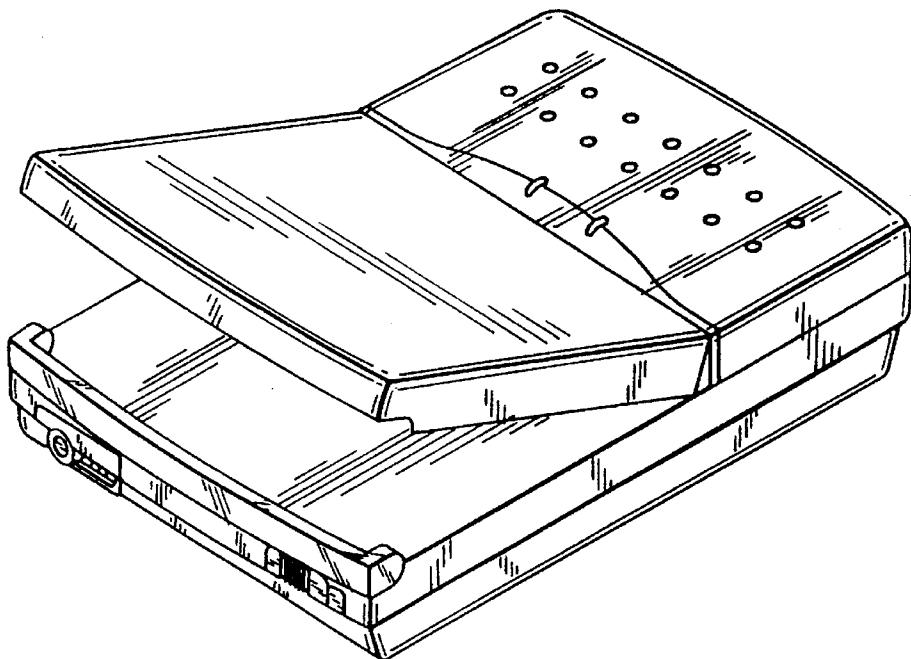


FIG.9

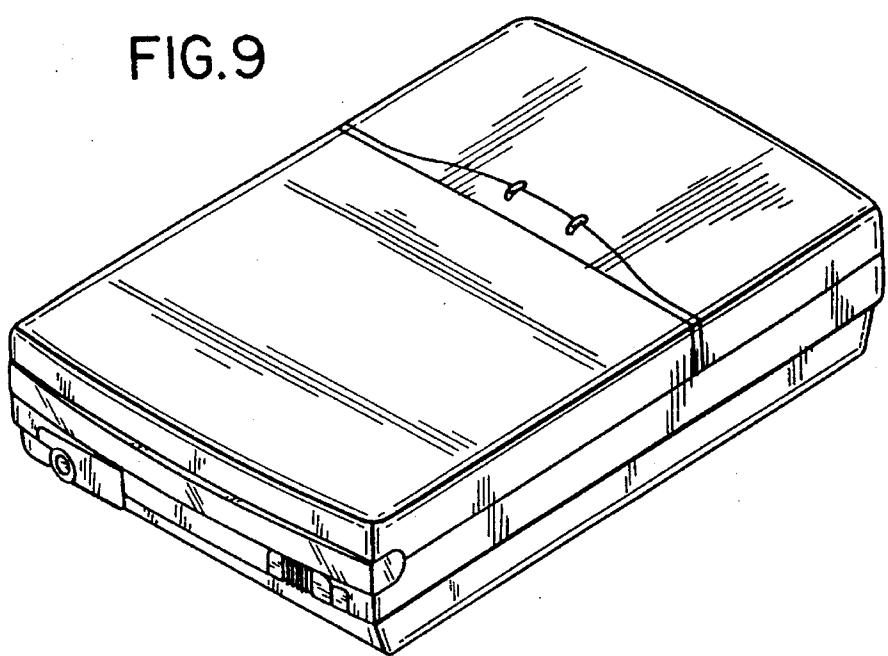


FIG.10

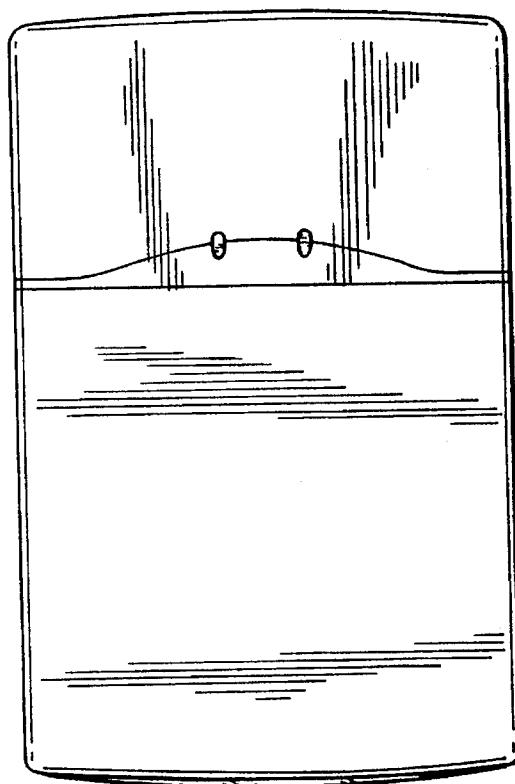


FIG.11

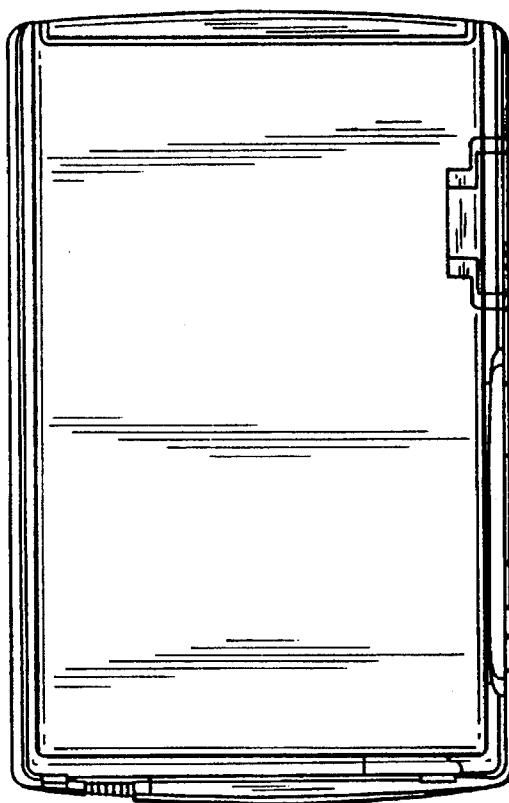


FIG.12

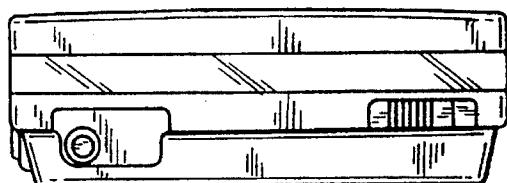


FIG.13



FIG.14

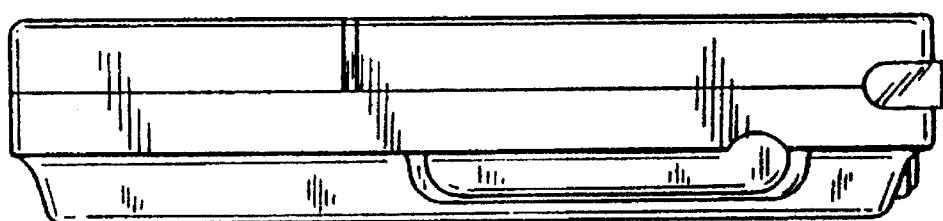


FIG.15

