US00D327690S

United States Patent [19]

Ogawa et al.

[11] **Patent Number: Des. 327,690**

[45] **Date of Patent: ** Jul. 7, 1992**

[54] **ANTENNA FOR SATELLITE COMMUNICATION SYSTEMS**

[75] Inventors: **Shigeo Ogawa; Tsuneo Shimada,** both of Tokyo, Japan

[73] Assignee: **NEC Corporation,** Tokyo, Japan

[**] Term: **14 Years**

[21] Appl. No.: **464,078**

[22] Filed: **Jan. 12, 1990**

[30] **Foreign Application Priority Data**

Jul. 13, 1989 [JP] Japan 1-26062

[52] **U.S. Cl.** **D14/230;** D14/231

[58] **Field of Search** D14/124, 230–238, D14/299; 343/840, 872, 880, 878

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 300,531	4/1989	Higgins	D14/230
D. 308,521	6/1990	Lonczak	D14/230
D. 320,990	10/1991	Scott et al.	D14/231 X
3,045,236	7/1962	Colman et al.	343/878 X
4,661,821	4/1987	Smith	343/872 X
4,804,972	2/1989	Schudel	343/840

Primary Examiner—Theodore M. Shooman
Attorney, Agent, or Firm—Sughrue, Mion, Zinn, Macpeak & Seas

[57] **CLAIM**

The ornamental design for an antenna for satellite communication systems, as shown and described.

DESCRIPTION

FIG. **1** is a front elevational view of an antenna for satellite communication systems showing our new design, the antenna being symmetrical about a vertical axis;
FIG. **2** is a top plan view thereof;
FIG. **3** is a bottom plan view thereof; and,
FIG. **4** is a front and top perspective view thereof.

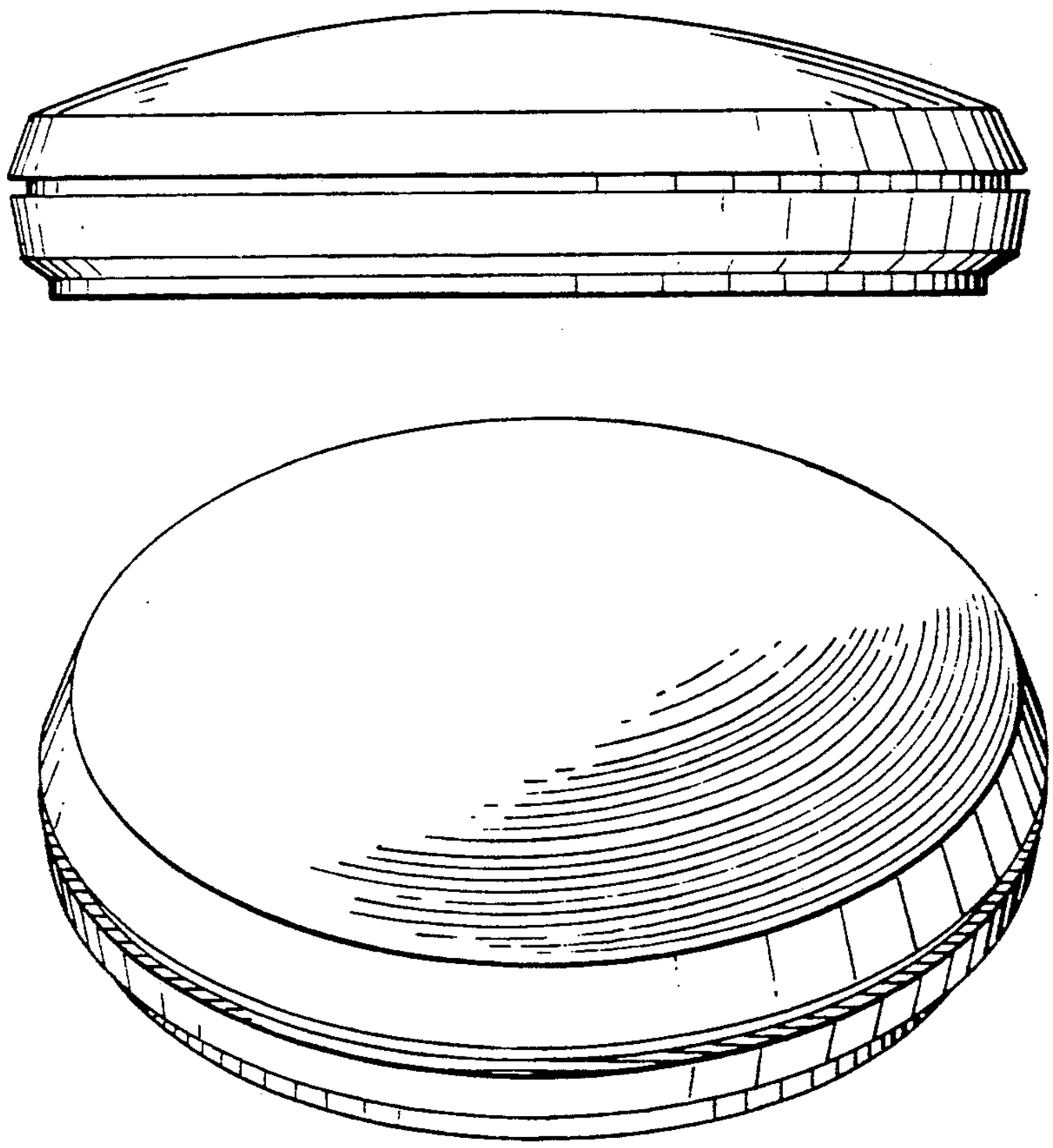


FIG.1

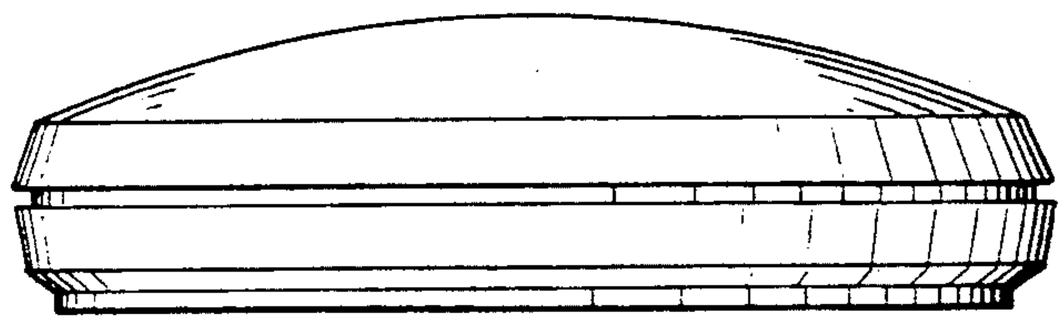


FIG.2

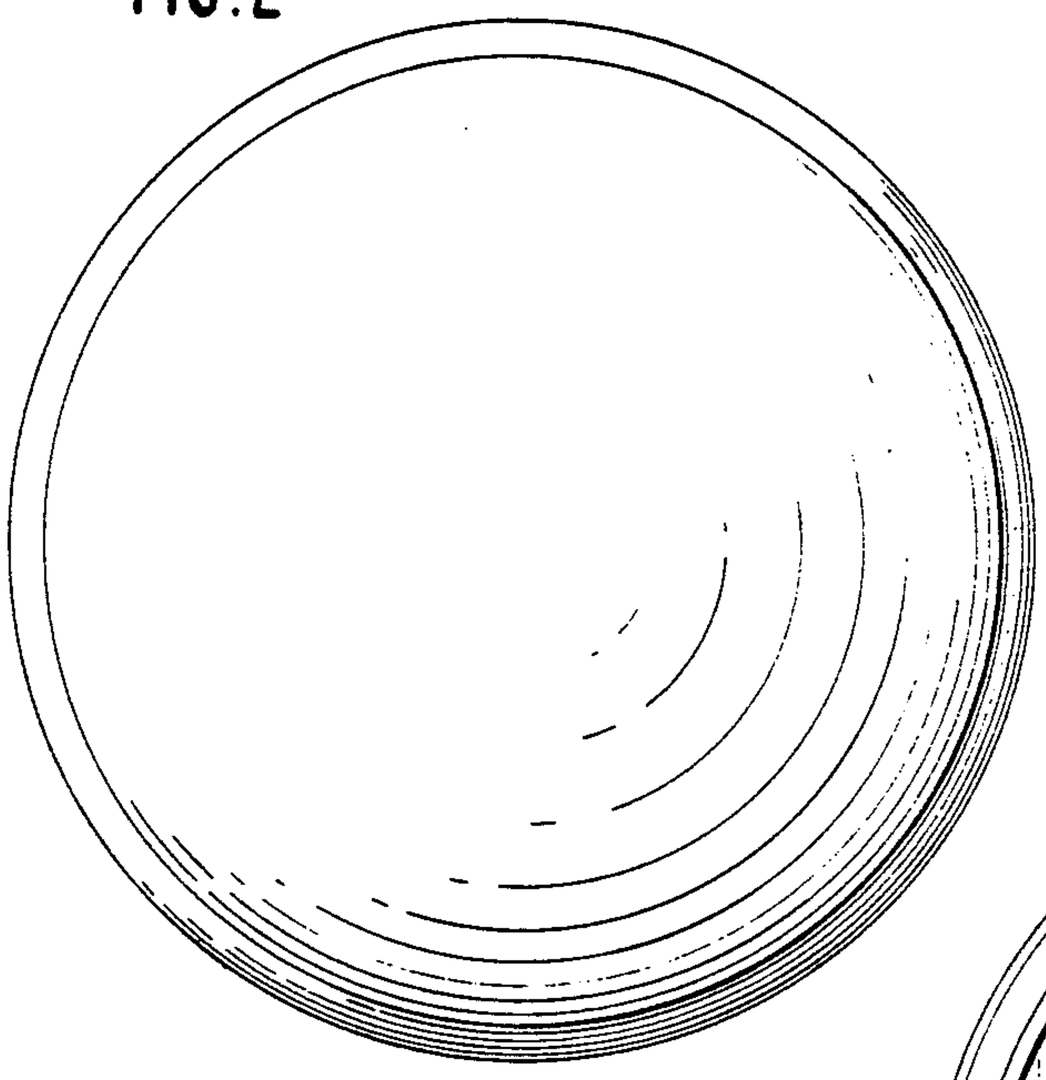
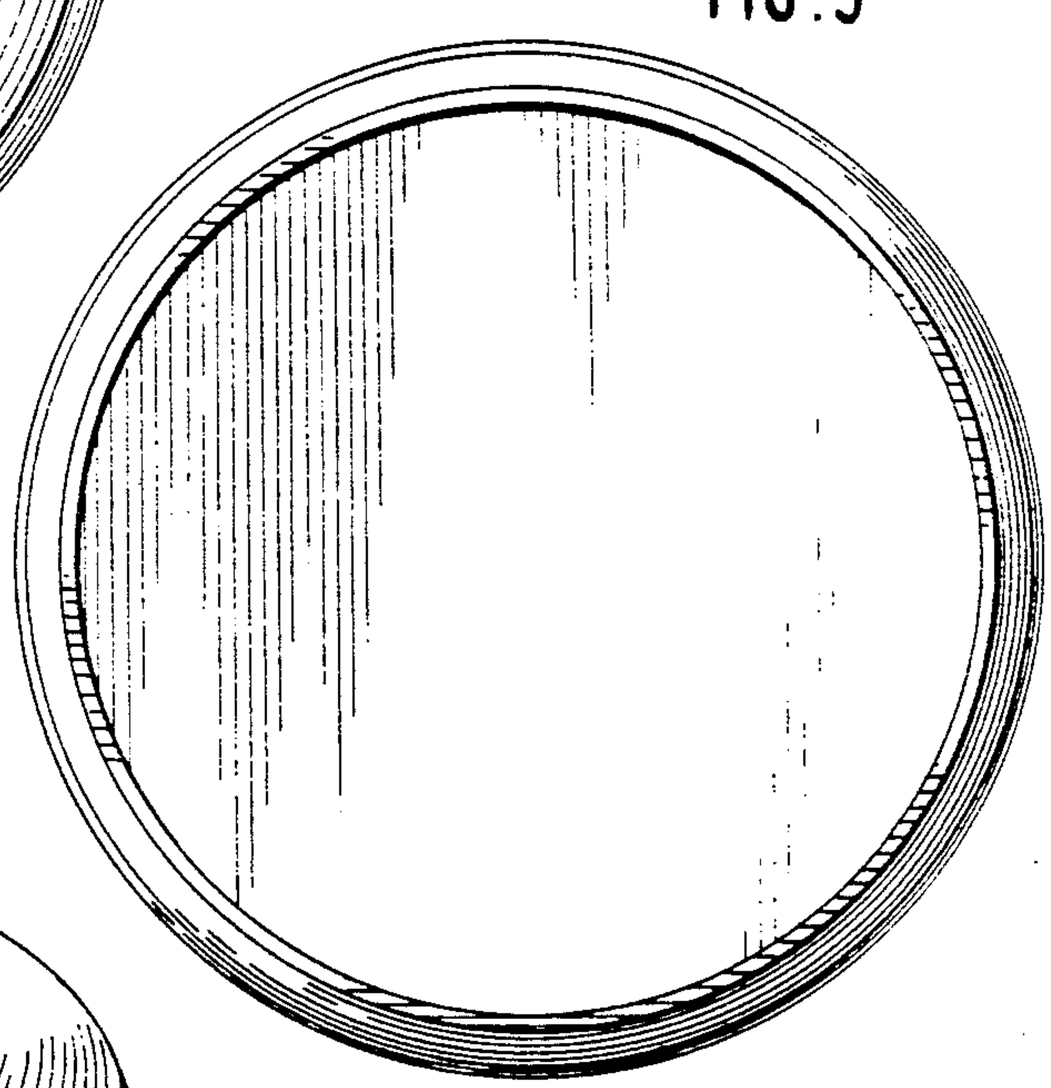


FIG.3



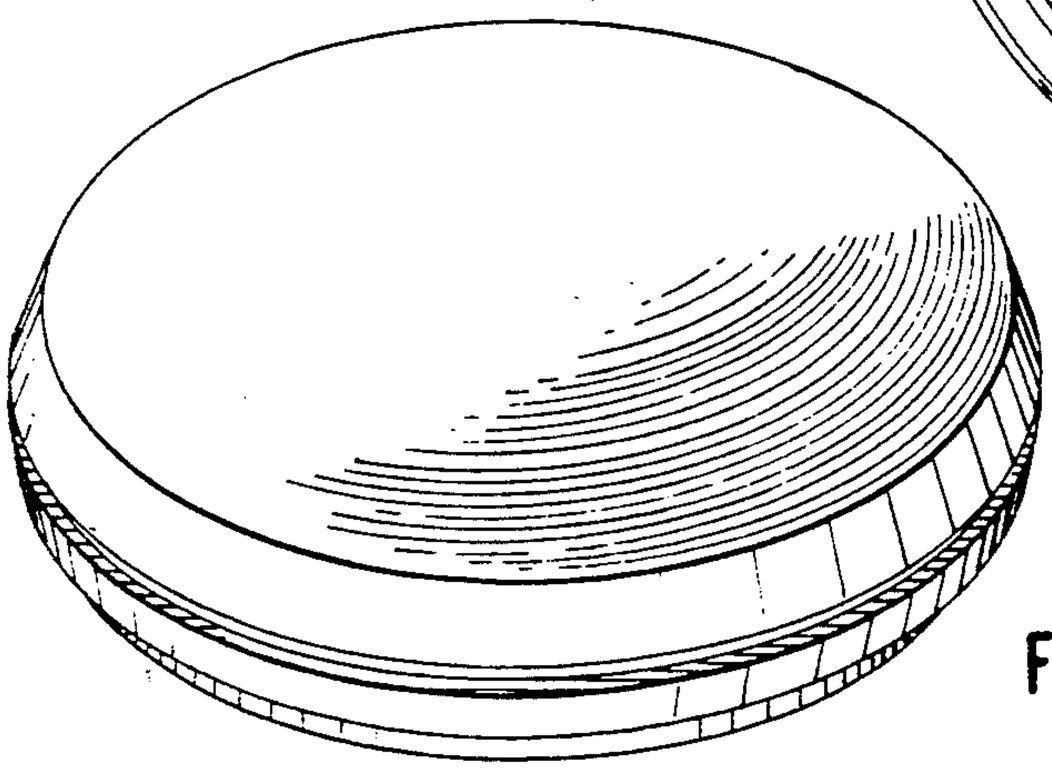


FIG.4