

# (12) United States Design Patent (10) Patent No.:

Michelson

US D454,953 S

\*\* Mar. 26, 2002 (45) Date of Patent:

### (54) END CAP FOR A SPINAL IMPLANT

Gary K. Michelson, 436 Sherman Inventor:

Canal, Venice, CA (US) 90281

(\*\*) Term: 14 Years

Appl. No.: 29/146,202

(22) Filed: Aug. 6, 2001

## Related U.S. Application Data

(62)Division of application No. 29/133,395, filed on Nov. 29, 2000, now Pat. No. Des. 450,122, which is a division of application No. 29/116,468, filed on Jan. 3, 2000, now Pat. No. Des. 439,340.

| (21) | LOC (7) Cl      |                                |
|------|-----------------|--------------------------------|
| (52) | U.S. Cl         | D24/155                        |
| (58) | Field of Search | D24/155; 606/60,               |
| ` '  | 606/61, 72,     | , 73; 134/3, 32, 41; 128/92 R, |
|      | 92              | 26; 623/10, 11, 12, 16, 17, 66 |

#### (56)**References Cited**

### U.S. PATENT DOCUMENTS

| 4,501,269 | A  | 2/1985  | Bagby            |
|-----------|----|---------|------------------|
| 4,961,740 | A  | 10/1990 | Ray et al.       |
| 5,026,373 | A  | 6/1991  | Ray et al.       |
| 5,522,899 | A  | 6/1996  | Michelson        |
| D374,482  | S  | 10/1996 | Goble et al.     |
| 4,961,740 | C1 | 1/1997  | Ray et al.       |
| 5,776,196 | A  | 7/1998  | Matsuzaki et al. |
| D397,439  | S  | 8/1998  | Koros et al.     |
| 6,019,763 | A  | 2/2000  | Nakamura et al.  |
| D425,989  | S  | 5/2000  | Michelson        |
| 6,093,201 | A  | 7/2000  | Cooper et al.    |
| 6,179,839 | B1 | 1/2001  | Weiss et al.     |
| RE37,161  | E  | 5/2001  | Michelson et al. |
|           |    |         |                  |

Primary Examiner—Antoine Duval Davis (74) Attorney, Agent, or Firm-Martin & Ferraro

**CLAIM** 

The ornamental design for an end cap for a spinal implant, substantially as shown and described.

### DESCRIPTION

FIG. 1 is a perspective view of the end cap for a spinal implant in accordance with a first embodiment of my claimed design with the remainder of the implant shown in hidden line and forming no part of the claimed design;

FIG. 2 is an exterior end view of the end cap of FIG. 1;

FIG. 3 is an interior end view of the end cap of FIG. 1;

FIG. 4 is a side elevational view of the end cap of FIG. 1;

FIG. 5 is an interior end view of an alternative embodiment of the end cap of FIG. 1;

FIG. 6 is a side elevational view of an alternative embodiment of the end cap of FIG. 1;

FIG. 7 is a perspective view of the end cap for a spinal implant in accordance with a second embodiment of my claimed design with the remainder of the implant shown in hidden line and forming no part of the claimed design;

FIG. 8 is an exterior end view of the end cap of FIG. 7;

FIG. 9 is a side elevational view of the end cap of FIG. 7;

FIG. 10 is an interior end view of the end cap of FIG. 7;

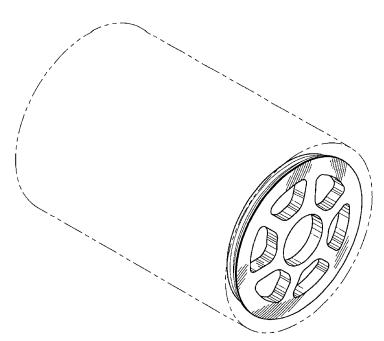
FIG. 11 is a perspective view of the end cap for a spinal implant in accordance with a third embodiment of my claimed design with the remainder of the implant shown in hidden line and forming no part of the claimed design;

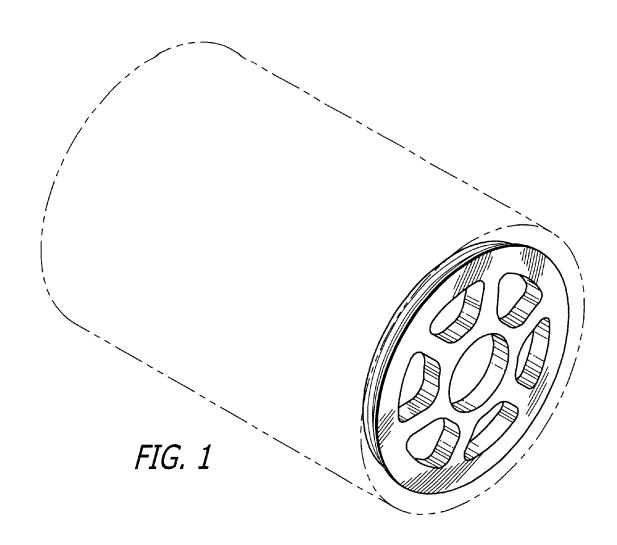
FIG. 12 is an exterior end view of the end cap of FIG. 11;

FIG. 13 is a side elevational view of the end cap of FIG. 11;

FIG. 14 is an interior end view of the end cap of FIG. 11.

1 Claim, 6 Drawing Sheets





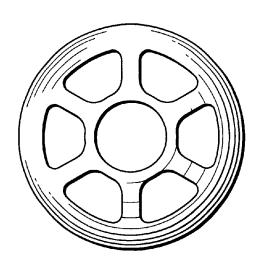
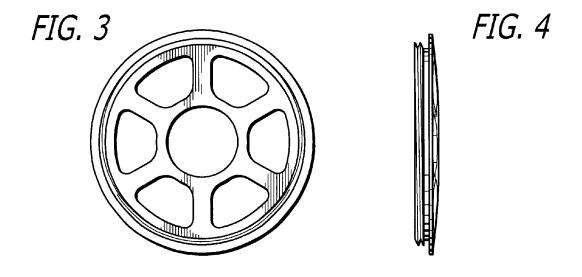
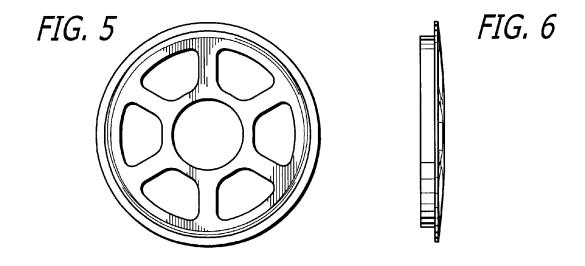
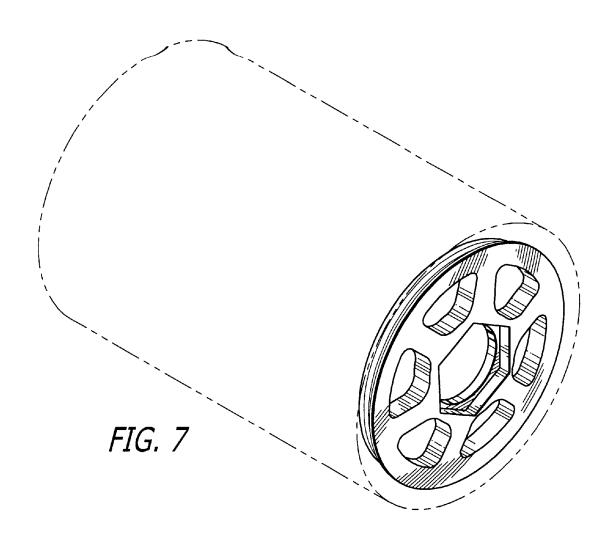


FIG. 2







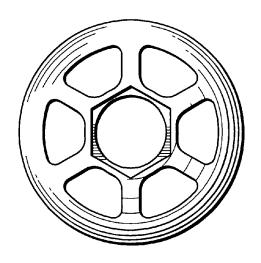


FIG. 8

FIG. 9



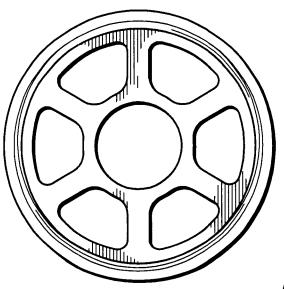
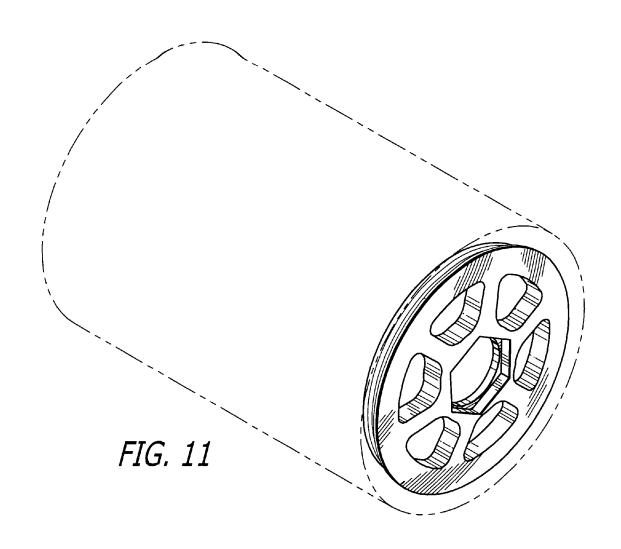


FIG. 10



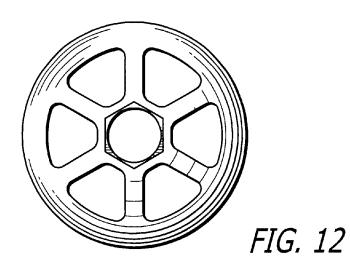


FIG. 13



