



US00D691720S

(12) **United States Design Patent**  
**Cheney et al.**

(10) **Patent No.:** **US D691,720 S**

(45) **Date of Patent:** **\*\* Oct. 15, 2013**

(54) **ORTHOPEDIC STAPLE**

(56) **References Cited**

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NC (US)

U.S. PATENT DOCUMENTS

|                |         |                       |         |
|----------------|---------|-----------------------|---------|
| D281,814 S *   | 12/1985 | Pratt et al. ....     | D24/145 |
| D286,442 S *   | 10/1986 | Korthoff et al. ....  | D24/145 |
| 4,852,558 A *  | 8/1989  | Outerbridge .....     | 606/75  |
| 5,779,707 A *  | 7/1998  | Bertholet et al. .... | 606/75  |
| 6,013,077 A *  | 1/2000  | Harwin .....          | 606/75  |
| 6,187,009 B1 * | 2/2001  | Herzog et al. ....    | 606/75  |
| 7,341,591 B2 * | 3/2008  | Grinberg .....        | 606/75  |
| 7,883,510 B2 * | 2/2011  | Kim et al. ....       | 606/75  |
| 8,021,389 B2 * | 9/2011  | Molz, IV .....        | 606/75  |

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\* cited by examiner

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

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(21) Appl. No.: **29/442,355**

(57) **CLAIM**

The ornamental design for an orthopedic staple, as shown and described.

(22) Filed: **Feb. 11, 2013**

**DESCRIPTION**

(51) **LOC (9) Cl.** ..... **24-02**

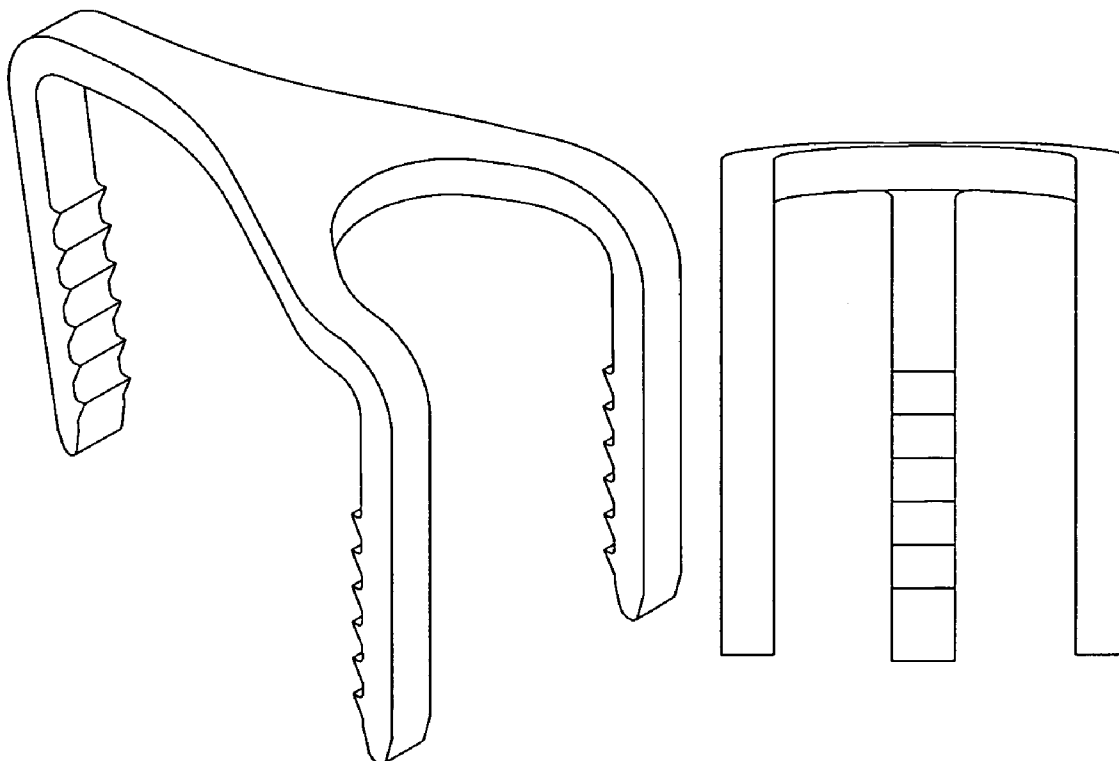
(52) **U.S. Cl.**  
USPC ..... **D24/145**

(58) **Field of Classification Search**  
USPC ..... D24/145, 155, 171; 606/53-54, 60, 75,  
606/74, 219, 300, 308, 315, 213, 220, 221;  
227/107, 110, 902

FIG. 1 is a perspective view of the orthopedic staple of our new design;  
FIG. 2 is a left side view thereof;  
FIG. 3 is a right side view thereof;  
FIG. 4 is a top view thereof;  
FIG. 5 is a bottom view thereof;  
FIG. 6 is a front plan view thereof; and,  
FIG. 7 is a rear plan view thereof.

See application file for complete search history.

**1 Claim, 4 Drawing Sheets**



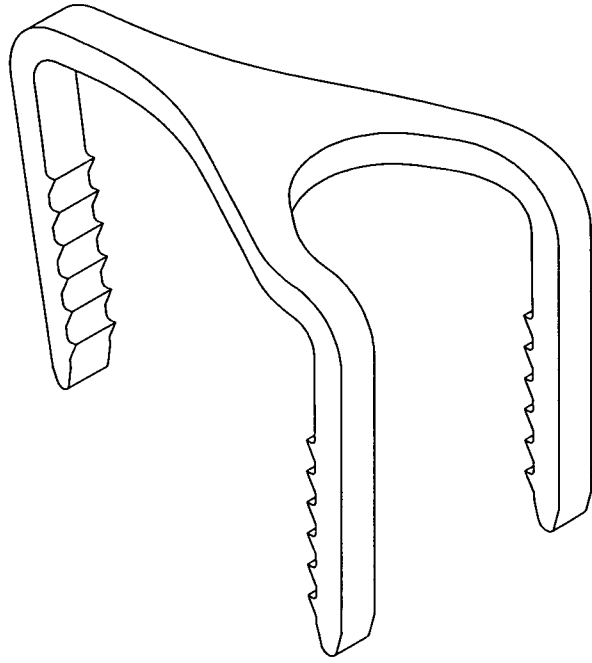


FIG 1

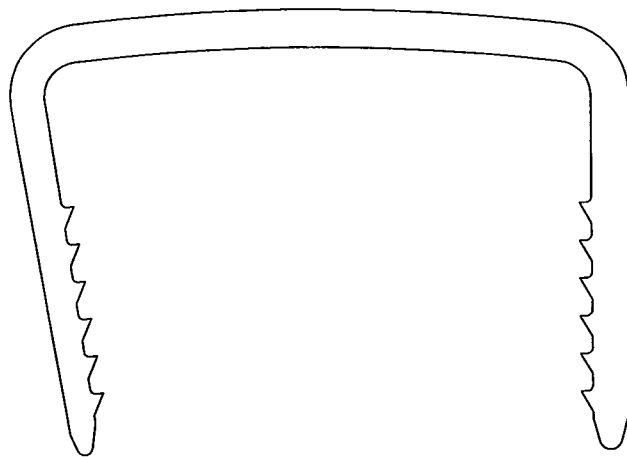


FIG 2

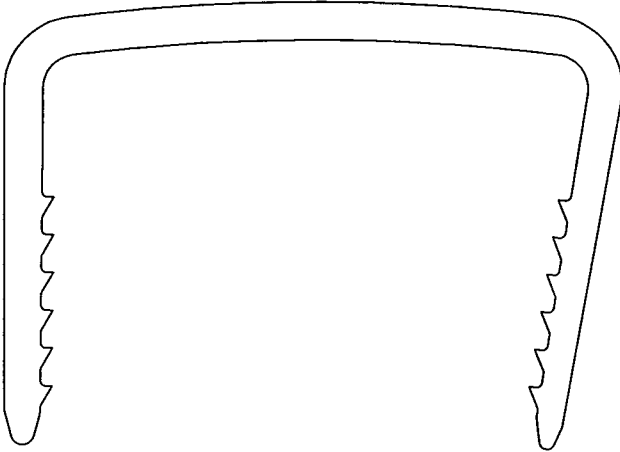


FIG 3

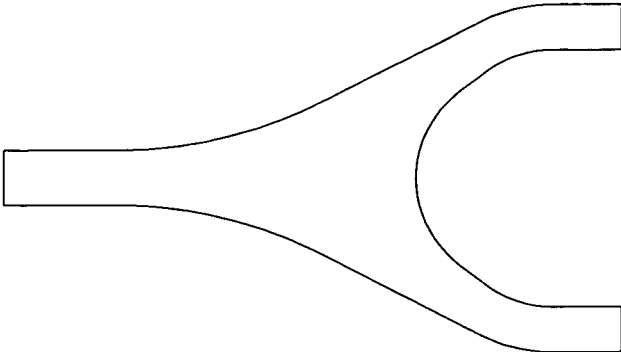


FIG 4

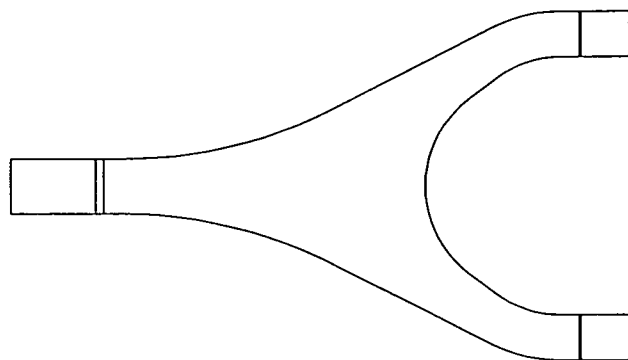


FIG 5

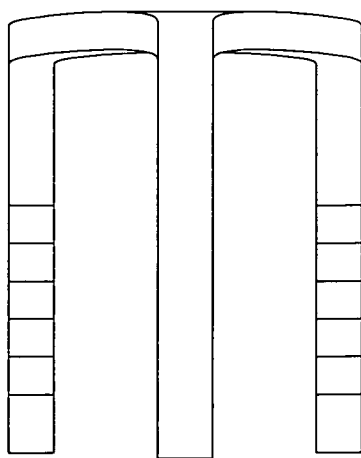


FIG 6

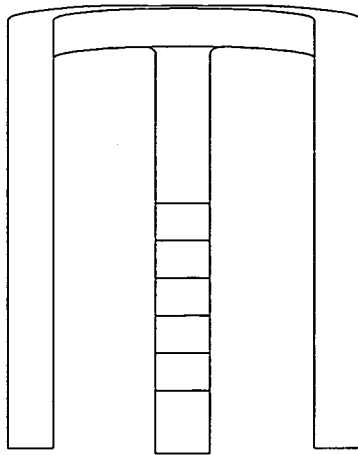


FIG 7