[54] CANNULATED HEADED REAMER
[75] Inventor: Donald K. Shuler, Naples, Fla.
[73] Assignee: Arthrex Inc., Naples, Fla.
[**] Term: 14 Years
[21] Appl. No.: 19,574
[22] Filed:
Mar. 7, 1994
[52] U.S. Cl.
................................................................ D24/146
[58] Field of Search D24/146, 147 D15/139; 606/80, 79

## References Cited

## U.S. PATENT DOCUMENTS

| D. 331,464 | 12/1992 | Rosenberg et al. .................. D24/147 |
| :---: | :---: | :---: |
| D. 340,248 | 10/1993 | Brady ................................. D15/139 |
| 930,477 | 8/1909 | Hudson ............................... 606/172 |
| 4,590,429 | 5/1986 | Klein ................................. 606/80 X |
| 5,122,134 | 6/1992 | Borgone et al. ....................... 606/80 |
| 5,145,018 | 9/1992 | Schimke et al. ................. D15/139 X |
| 5,190,548 | 3/1993 | Davis .................................... 606/80 |
| 5,354,300 | 10/1994 | Goble et al. ........................... 606/80 |
|  | OTH | PUBLICATIONS |

Richards Catalog "Cannulated Drill with Eight Cutting Flutes", p. 50 (Nov. 15, 1974).

Primary Examiner-Louis S. Zarfas

Assistant Examiner-I. Simmons
Attorney, Agent, or Firm-Ostrolenk, Faber, Gerb \& Soffen, LLP
[57]

## CLAIM

The ornamental design for a cannulated headed reamer, as shown and described.

## DESCRIPTION

FIG. 1 is a side elevational view of a cannulated headed reamer showing my new design, the cannula is shown broken in the center and at the end for ease of illustration;
FIG. 2 is an enlarged side fragmentary view of the head portion of the cannulated headed reamer;
FIG. 3 is a top plan view of the cannlated headed reamer;
FIG. 4 is a bottom plan view of the cannulated headed reamer;
FIG. 5 is a side elevational view of the cannulated headed reamer rotated $180^{\circ}$ from the view shown in FIG. 1; and,
FIG. 6 is a cross-sectional view of the cannulated headed reamer along its length.


Fig- 1


Fig-2


Fig-4
Fig- 5


Fig- 6

