



US008828018B2

(12) **United States Patent**  
**Ragab et al.**

(10) **Patent No.:** **US 8,828,018 B2**  
(45) **Date of Patent:** **Sep. 9, 2014**

(54) **BONE CAGE PLACEMENT DEVICE**

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(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 173 days.

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(21) Appl. No.: **12/966,361**

(22) Filed: **Dec. 13, 2010**

(65) **Prior Publication Data**

US 2012/0150241 A1 Jun. 14, 2012

(51) **Int. Cl.**

- A61B 17/58* (2006.01)
- A61F 2/28* (2006.01)
- A61F 2/30* (2006.01)
- A61F 2/44* (2006.01)
- A61F 2/46* (2006.01)

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(52) **U.S. Cl.**

CPC ..... *A61F 2/4611* (2013.01); *A61F 2002/2835* (2013.01); *A61F 2002/30594* (2013.01); *A61F 2002/30904* (2013.01); *A61F 2002/4475* (2013.01); *A61F 2002/30492* (2013.01); *A61F 2002/30451* (2013.01); *A61F 2002/4628* (2013.01); *A61F 2002/30579* (2013.01); *A61F 2/447* (2013.01); *A61F 2002/30472* (2013.01); *A61F 2002/4623* (2013.01); *A61F 2002/30629* (2013.01)

USPC ..... **606/99**

(58) **Field of Classification Search**

CPC ..... *A61F 2/4611*  
 USPC ..... 606/99; 623/17.11–17.16  
 See application file for complete search history.

(57) **ABSTRACT**

A bone cage placement device used to insert and position a bone cage in the disc space. Once the bone cage is positioned, a selector tool is inserted into the center aperture of the bone cage placement device. The end of the selector tool has a cam lift driving feature which is used to rotate the cam lift of the bone cage and expand the bone cage to the desired height. The selector tool is removed, and a graft placement tool and plunger are used to insert bone graft material into the plug. An end plug installation tool and installer are then used to insert an end plug to prevent leakage of material from the bone cage. The bone cage is released from the bone cage placement device, which is then removed from the patient's body.

**20 Claims, 17 Drawing Sheets**

