



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

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(54) **RELEASABLE SUTURE CLAMP AND SUTURE ANCHOR ASSEMBLY INCLUDING SAME**

17/06114; A61B 19/0256; A61B 2017/0417;
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See application file for complete search history.

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Related U.S. Application Data

(57) **ABSTRACT**

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A suture anchor assembly includes a length of suture having an anchor attached to an end thereof. A releasable suture clamp is disposed in a clamped configuration about the suture. The releasable suture clamp includes a plurality of independent stackable components rotatable about a common axis, which is transverse to opposing faces of the stackable components. Each of the stackable components has a first opening passing through the opposing faces, spaced from the common axis, and sized for receiving the suture there-through. The releasable suture clamp has an unclamped configuration in which the first openings are aligned relative to an alignment axis and the clamped configuration in which the first openings are misaligned relative to the alignment axis, wherein the alignment axis is parallel to the common axis.

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A61B 17/06 (2006.01)

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CPC **A61B 17/0401** (2013.01); **A61B 17/0487** (2013.01); **A61B 17/06114** (2013.01); **A61B 2017/0417** (2013.01); **A61B 2017/0488** (2013.01); **A61B 2017/0496** (2013.01); **A61B 2017/06052** (2013.01)

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