



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

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(54) **STABILIZED SURGICAL DEVICE FOR PERFORMING A SPHENOPALATINE GANGLION BLOCK PROCEDURE**

29/00;A61M 2210/0681; A61M 2210/0618; A61M 25/1002; A61M 25/10; A61M 25/04; A61M 25/1018; A61M 2025/105; A61M 1/0009; A61M 1/062; A61M 31/002; A61M 31/00; A61M 3/0279; A61M 3/0262; A61M 3/0295
(Continued)

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(65) **Prior Publication Data**

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Related U.S. Application Data

(63) Continuation-in-part of application No. 14/572,353, filed on Dec. 16, 2014, which is a continuation-in-part of application No. 14/298,521, filed on Jun. 6, 2014.

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(51) **Int. Cl.**

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(57) **ABSTRACT**

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

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Methods and devices to quickly and accurately locate the sphenopalatine ganglion (SPG) while performing a sphenopalatine ganglion block procedure that introduces a medication to the SPG. The methods and devices also prevent the medication applied to the SPG from flowing down a patient's throat during the procedure.

(58) **Field of Classification Search**

CPC ... A61B 17/3421; A61B 1/06; A61B 1/00082; A61B 19/5202; A61M 29/02; A61M

20 Claims, 33 Drawing Sheets

