

enlightenVue

enlightenVue Receives Notice of Allowance for Expanded U.S. Patent Claims for Vascular Diagnostic and Therapeutic Applications of its Single-Use Micro-endoscope Platform

Denver, CO – April 21, 2021 – enlightenVue, Inc. announced today that it has received a Notice of Allowance from the U.S. Patent and Trademark Office for expanded claims for vascular diagnostic and therapeutic applications of its SurgiVue™ single-use micro-endoscope platform. The Notice of Allowance builds on a patent issued in June 2020 covering vascular applications.

“These claims and the underlying patent underscore the breadth of enlightenVue’s platform and its potential to expand the use of minimally invasive endoscopic procedures into new areas,” said enlightenVue’s Co-founder and CEO, Giacomo Basadonna, M.D., Ph.D. “The technology described in the allowed claims and patent enables for the first time, direct visualization of blood vessels along with simultaneous endovascular therapeutic intervention. The endoscope has potential use in a wide range of peripheral, cardiac and cerebral-vascular procedures.”

Conventionally, imaging of blood vessels is indirect, generated through techniques such as X-ray or ultrasound. The presence of blood prevents direct visualization of endovascular lesions, and as a result, makes it impossible to perform interventions under direct visualization.

The key innovation in enlightenVue’s endoscope platform is an expandable tip on a 2mm diameter endoscope. Expansion of the tip, and an additional cuff within a blood vessel temporarily interrupts blood flow and allows direct visualization. The small working diameter allows the endoscope to reach smaller vessels. The endoscope is also designed to contain two working channels so that diagnostic and therapeutic interventions can be performed during the same procedure. The expandable tip is covered by a family of independent, issued U.S. and international patents.

About enlightenVue

enlightenVue has developed a novel single-use micro-endoscope platform with the industry’s smallest diameter (2mm) with multiple working channels, that can be used in a single procedure for both diagnostic and therapeutic interventions. The surgiVue™ platform’s dual functionality is based on a patented, expandable tip to provide access for multiple instruments along with superior optics. The system, which has 510(k) clearance, enables use across multiple specialties and healthcare settings to provide significant benefits to patients, clinicians, and the healthcare system with no cross-patient risk of endoscopic infection. Learn more at enlightenVue.com.

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