

# VACUUM ACTUATED SURGICAL RETRACTORS

Tech ID: 19077 / UC Case 2016-034-0

## BRIEF DESCRIPTION

Retraction of tissues or organs during surgical procedures can be complicated by trauma or damage to the tissue as a result of the rigid or sharp devices used in the process. This can result in complications such as bleeding or other fluid and tissue leakage. In order to address this concern, inventors at UCSF have developed set of new surgical devices, vacuum actuated surgical retractors, which atraumatically retract tissues such as tumors, organs, or even foreign objects from a patient. The retractors are useful for both conventional and videoscopic surgical procedures. Further, the retractors allow operations to be performed more easily and efficiently, through smaller incisions and in less time than with other devices. The vacuum activated retractors should be easily applied to a large variety of surgical techniques including biopsies, breast, endocrine and oncology.

## OTHER INFORMATION

### PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	11,844,542	12/19/2023	2016-034
United States Of America	Issued Patent	10,842,519	11/24/2020	2016-034

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## OTHER INFORMATION

### CATEGORIZED AS

▶ **Medical**

▶ **Devices**

### RELATED CASES

2016-034-0, 2016-034-0

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