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(54) **MEDICAL DEVICE**

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See application file for complete search history.

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(57) **ABSTRACT**

This invention generally relates to a medical device assembly for facilitating a sealed working channel into a pressurized body cavity, and methods of use thereof. In certain embodiments, devices of the invention include a hollow body that is splittable along its length and being configured to move between an open configuration for operably coupling with a surgical instrument and a closed configuration, in which in the closed configuration, the device provides a seal that prevents gas leakage from an incision site of a body cavity while the instrument is in the body cavity.

**19 Claims, 6 Drawing Sheets**

