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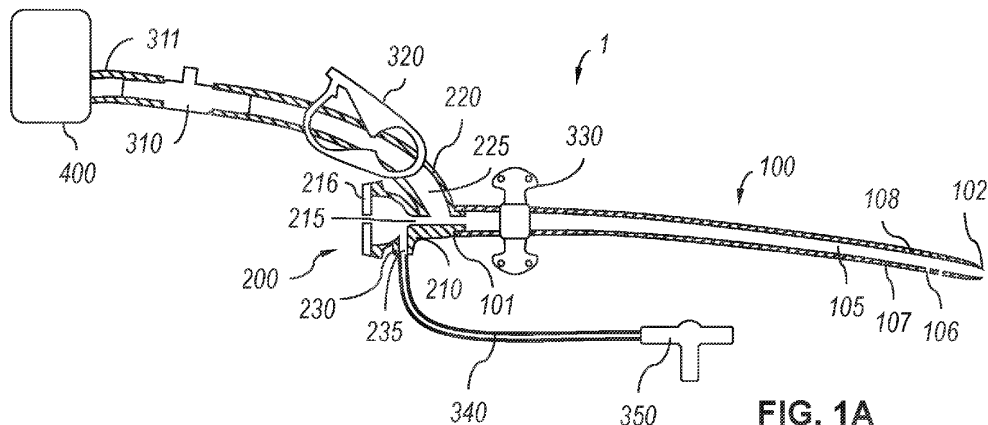


FIG. 1A

(57) Abstract: The present disclosure is drawn to an access device that includes a cannula with a joint lumen therethrough, and a hub coupled to a proximal end of the cannula. The hub includes at least two arms. The first arm may have a first lumen and a first hemostatic valve, the first lumen operably connected to the joint lumen, where the first lumen and the first hemostatic valve are configured for passage of a medical device, and the second arm may be coupled to the first arm and have a second lumen, the second lumen operable connected to the joint lumen, the second arm configured to be operably coupled to an external medical device, such as an extracorporeal membrane oxygenation (ECMO) device.

[Continued on next page]

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