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(54) **DEVICE TO CREATE PROXIMAL STASIS**

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(52) **U.S. Cl.** **606/200**

(58) **Field of Classification Search** 606/194, 606/127, 200, 159; 604/500

See application file for complete search history.

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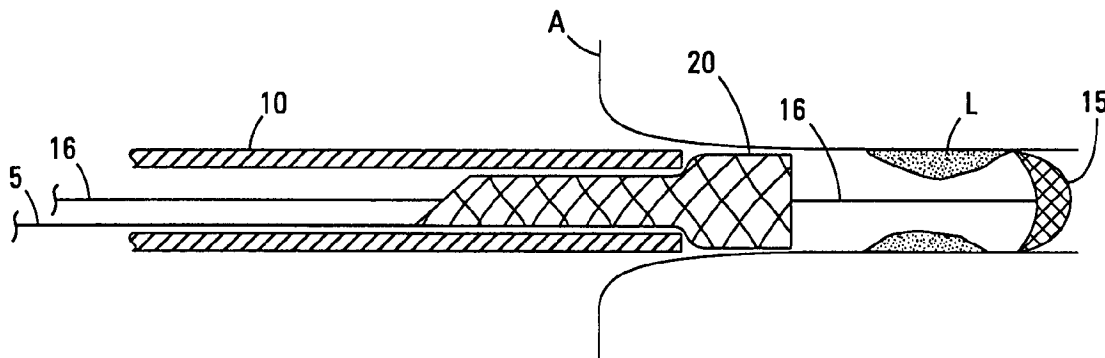
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(57) **ABSTRACT**

A method and system of performing an intravascular procedure at a treatment site in a vessel of a patient. A device creates a seal to prevent the flow of blood during the treatment of vascular disease. A seal may be formed between the distal inside diameter of a sheath or catheter such as a guide catheter as well as within a vessel, such as an artery or vein. An elongated device having a distal portion extending from the catheter and having a fluid impermeable membrane disposed about at least the distal end of the device is used to seal the vessel. The system includes a device to occlude blood flow and a distal protection device to filter or remove embolic debris.

22 Claims, 19 Drawing Sheets



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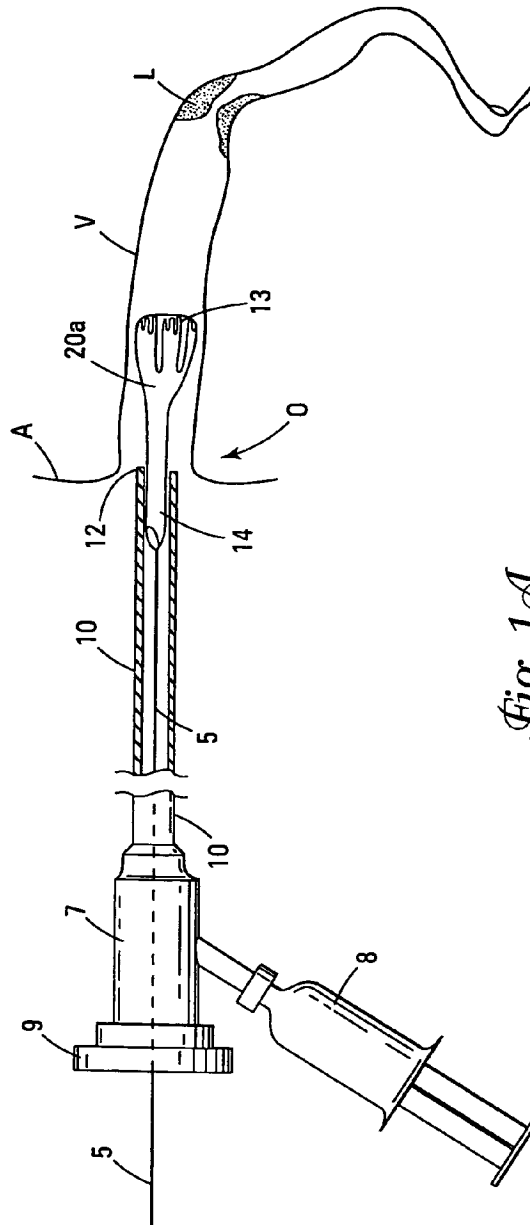


Fig. 1A

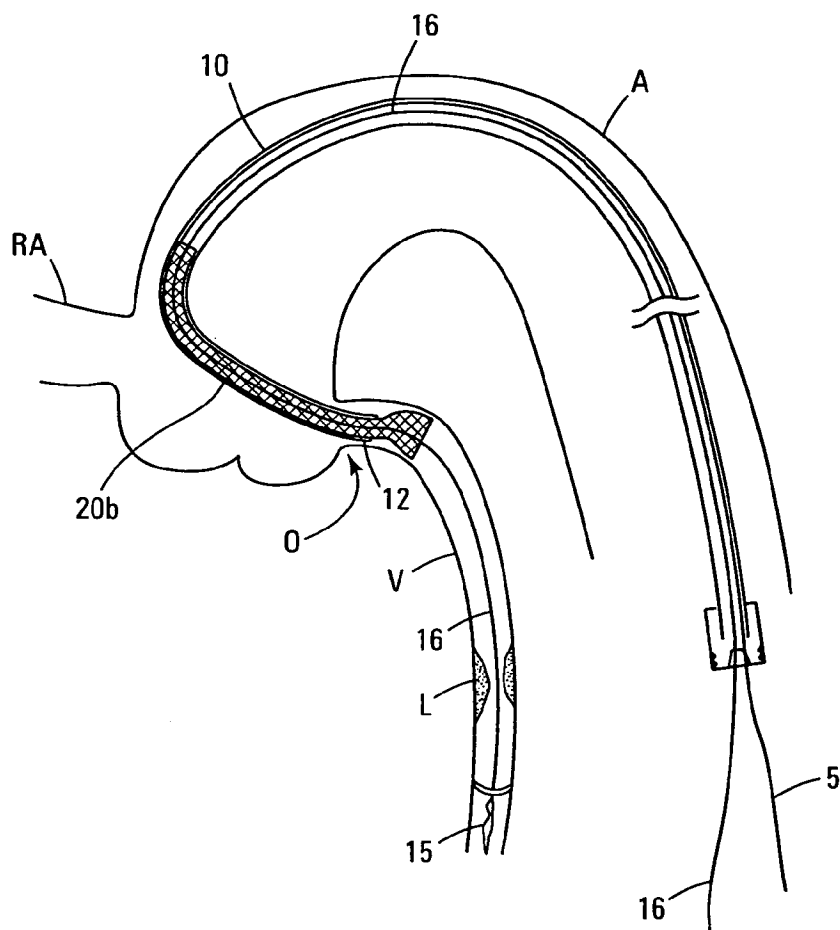


Fig. 1B

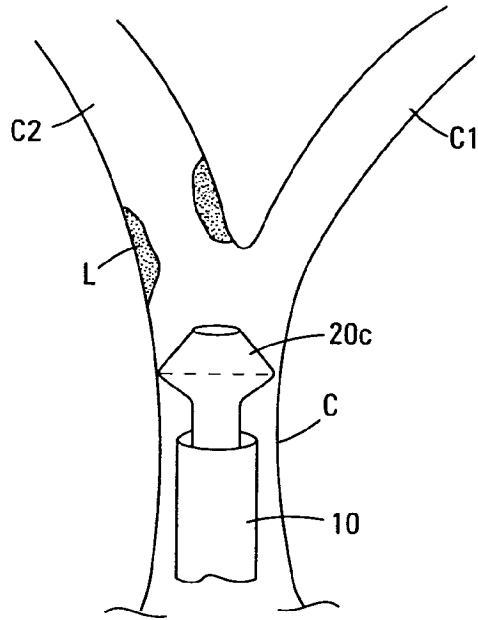


Fig. 1C

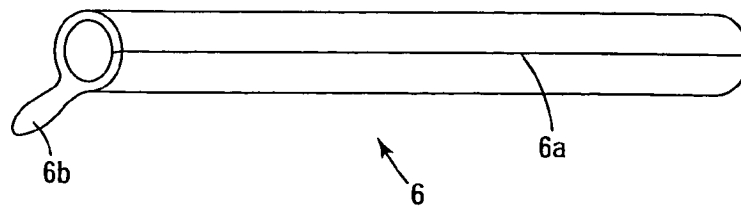


Fig. 1D

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