US005522836A

United States Patent [19]

Palermo

[11] **Patent Number: 5,522,836**

[45] **Date of Patent: Jun. 4, 1996**

[54] **ELECTROLYTICALLY SEVERABLE COIL ASSEMBLY WITH MOVABLE DETACHMENT POINT**

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[21] Appl. No.: **266,911**

[22] Filed: **Jun. 27, 1994**

[51] **Int. Cl.**[6] **A61B 17/00**

[52] **U.S. Cl.** **606/200**; 606/108; 623/1

[58] **Field of Search** 606/1, 27, 28, 606/29, 32, 108, 151, 154, 195, 198, 200, 78; 623/1, 12; 128/898, 899

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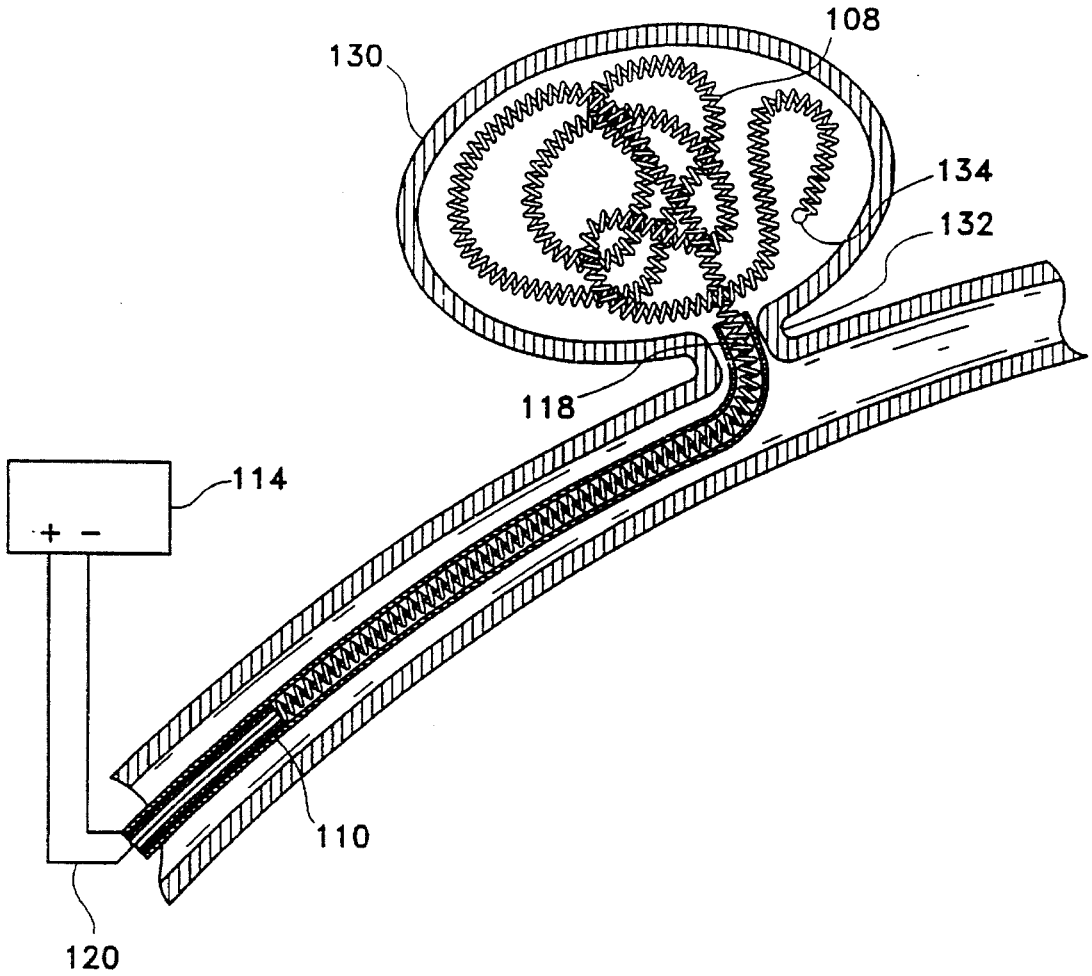
[57] **ABSTRACT**

This invention is an apparatus for creating an endovascular occlusion by the formation of thrombi in arteries, veins, aneurysms, vascular malformations, and arteriovenous fistulas. In particular, the invention is an assembly for electrolytically severing a portion of the endovascular device such as a coil via the use of electrolysis. The vasoocclusive device is introduced through a catheter and is intended to remain at the desired thrombus formation site. The invention further includes a method for the introduction of the device and its electrolytic separation.

10 Claims, 3 Drawing Sheets