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[54] **STEERABLE STENT CATHETER**

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[57] **ABSTRACT**

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Distal end of a vascular catheter is provided with diameter whose outside can be adjusted by external manipulations. Contracted the spirals are in contact with the outer surface of the catheter wall, thus allowing easy insertion of the catheter device in the region of the dissected vessel wall. When expanded to the desired diameter in contact with the vessel wall, the spirals support the dissected flap against the vessel wall while allowing blood flow through the lumen, the present endoprosthesis can be deployed with simple percutaneous vascular catheterization and can be readily removed after the desired therapeutic effect has been achieved. The endoprosthesis is useful in cases of acute wall dissection of blood vessels such as the aorta and the coronary arteries.

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[30] **Foreign Application Priority Data**

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[52] U.S. Cl. **604/95; 606/198**

[58] Field of Search 604/95, 280, 281, 282,
604/283; 606/198, 195, 194, 192, 191, 200

[56] **References Cited**

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2 Claims, 2 Drawing Sheets

