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[54] **METHODS FOR PROMOTING WOUND HEALING AND TREATING TRANSPLANT-ASSOCIATED VASCULOPATHY**

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[52] **U.S. Cl.** **424/94.4**; 435/189; 435/252.3; 435/320.1; 424/94.1

[58] **Field of Search** 424/94.1, 94.4; 435/187

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[57] **ABSTRACT**

The present invention provides a method of promoting the closure of a wound in a patient. This method involves transferring exogenous iNOS to the region of the wound whereby a product of iNOS is produced in the region of the wound to promote the closure of the wound. The present invention also provides a method of transplanting a graft into a patient, which method involves transferring a vector comprising an iNOS expression cassette to cells associated with the graft and surgically incorporating the graft tissue into the patient. Upon expression of iNOS within the patient, a product of iNOS is produced in the region of the graft to attenuate vasculopathy in the region of the graft.

20 Claims, 8 Drawing Sheets