

FCR 14

Office of the President
April 25, 2006

Members, Board of Trustees:

PATENT ASSIGNMENT REPORT

Recommendation: that the Board of Trustees accept the patent assignment report for the period ending March 31, 2006.

Background: The March 4, 1997 meeting of the Board of Trustees authorized the University of Kentucky Research Foundation to conduct all future copyright and patent filings and prosecutions. Quarterly reports on patent and copyright applications are to be submitted to the Finance Committee of the Board.

Action Taken: Approved Disapproved Other _____

PATENT ASSIGNMENT
QUARTERLY FOR THE PERIOD JANUARY 1, 2006 THROUGH MARCH 31, 2006

Patents

The following assignments on behalf of the Board of Trustees of the University of Kentucky Research Foundation have been executed:

1. **U.S. Patent Application Serial Number: (to be assigned)**
Filed: January 30, 2006
Title: “METHODS OF INHIBITING PAIN AND AUTONOMIC DYSREFLEXIA WITH SEMAPHORIN 3A”
Inventors: Drs. George Smith and Alexander Rabchevsky (Department of Physiology)
Technical Description: The present invention relates to methods of treating and preventing chronic pain and/or autonomic dysreflexia.
Summary: Up to 70% of victims of spinal cord injury suffer from chronic pain. The pain is thought to be a consequence of aberrant sensory nerve connections that form after spinal cord injury. Semaphorin 3A is a natural protein that prevents inappropriate nerve connections from forming. The inventors propose a method of treating chronic pain through the strategic supplementation of Semaphorin 3A.

Patent Activities

Fiscal year to date as of March 31, 2006

Number of Patent Applications	9
Number of Patents Issued	13
Patent Income	\$758,205