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DEC 0 1 2000 12	05-2001	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
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1. Name of conveying partities):	573769	of receiving party(ies):
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□ Assignment         □ Merger         □ Security Agreement         □ Change of Name         □ Change of N	Street Address:	1224 West Main Street, Suite 1-110
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Execution Date: July 20, 1998	Additional name(s) & addres	ss(es) attached?
If this document is being filed together with a new application A. Patent Application No.(s)  Additional numbers atta	B. Patent No. 5,690,691	(s)
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of ap	plications and patents involved:
Name: John P. Breen	7. T. I. ( ) ( ) 7. O. F. D.	40.00
Internal Address:	7. Total fee (37 CFR	3.41) \$ 40.00
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9. Statement and signature.  To the best of my knowledge and belief, the foregoing informative original document.  John P. Breen, In-House Patent Counsel  Name of Person Signing	ation is true and correct	and any attached copy is a true copy of $11/28/00$

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

Total number of pages including cover sheet, attachments, and document:

(Form PTO--1595--Recordation Form Cover Sheet - page 1 of 3)

## ASSIGNMENT

WHEREAS, the University of Virginia (hereinafter referred to as ASSIGNOR), whose address is Charlottesville, Virginia, is the owner of the entire right, title and interest to United States Patent No. 5,690,691, issued November 25, 1997 and PCT Application PCT/US97/07557 and of the invention therein described; and

WHEREAS, the University of Virginia Patent Foundation (hereinafter referred to as ASSIGNEE), having an office and principal place of business at 1224 West Main Street, Suite 1-110, Charlottesville, Virginia 22903 is desirous of acquiring the entire right, title and interest in, to and under said application and said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-inpart, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants the ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

PATENT REEL: 011379 FRAME: 0704 IN WITNESS WHEREOF, ASSIGNOR has caused the hand of its proper office to be subscribed hereto this ACH day of July, 1998.

Witnessed by:

UNIVERSITY OF VIRGINIA

Docket No.:5,690,691

**RECORDED: 12/01/2000** 

PATENT REEL: 011379 FRAME: 0705