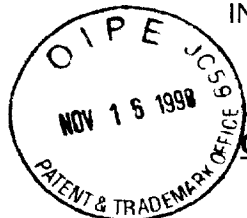


11-27-1998



IN THE U



DEMARK OFFICE

100906831

Attorney Docket No. 4981-098441

**COVER SHEET FOR RECORDAL OF DOCUMENT (PATENT)**

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir: **MRD**  
**11-16-98**

Pursuant to 37 C.F.R. 3.31, enclosed herewith is a document for recordal in this case. The following information is provided:

(1) **Name Of Party Conveying The Interest:**

Kenneth Maiese  
Andrea M. Vincent

(2) **Name And Address Of Party Receiving The Interest:**

Wayne State University  
4249 Faculty Administration Building  
656 West Kirby  
Detroit, Michigan 48202

11/23/1998 ABELWIN 00000036 02141045

03 FC:501

(3) **Description Of The Transaction To Be Recorded:**

**40.00 SP**  
 Assignment       License  
 Change of Name     Other \_\_\_\_\_

(4) **Application(s) and/or Patent(s) Against Which Enclosure Is To Be Recorded:**

Serial Number 09/144,045, filed August 31, 1998.  
 Application being filed concurrently herewith.  
 Patent Number \_\_\_\_\_, issued \_\_\_\_\_.

(5) **Name And Address Of The Party To Whom Correspondence Concerning The Request To Record Should Be Mailed:**

DeAnn F. Smith  
Harness, Dickey & Pierce, P.L.C.  
P.O. Box 828  
Bloomfield Hills, Michigan 48303

**40E**

(6) **Number Of Applications and/or Patents Identified In The Cover Sheet And Total Recordal Fee:**

Number of Applications/Patents: . 1

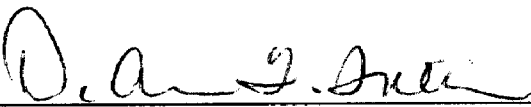
Total Recordal Fee Enclosed: . . . \$40.00

(7) **Date(s) The Document Was Executed:** October 8, 1998

To the best of my knowledge and belief, the foregoing information is true and correct, and if the attached is not an original document, the undersigned verifies that it is a true copy of the original.

If, for some reason, Applicant(s) has/have not paid a sufficient fee, please charge our Deposit Account No. 08-0750 for any further fees which may be due. A duplicate copy of this document is enclosed.

Respectfully submitted,

By: 

DeAnn F. Smith  
Reg. No. 36,683  
Attorney for Applicant(s)

Date: 11/12/98

### ASSIGNMENT BY JOINT INVENTORS

WHEREAS, the undersigned, hereinafter referred to as Assignors, have invented certain new and useful improvements in **METHODS FOR THE TEMPORAL ANALYSIS OF PROGRAMMED CELL DEATH IN LIVING CELLS** for which Assignors have made United States application for patent under Serial No. 09/144,045, filed August 31, 1998, and

WHEREAS, Wayne State University, having a place of business at 4249 Faculty Administration Building, 656 West Kirby, Detroit, Michigan 48202 hereinafter referred to as Assignee(s), is (are) desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignors by these presents do sell, assign and transfer unto Assignee(s), its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee(s) to the full end of the term for which said Letters Patent are granted and any extensions thereof, as fully and entirely as the same would have been held by Assignors had this assignment and sale not been made; and Assignors hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of applications for patent in the United States and in all foreign countries, for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor for the benefit of Assignee(s) without further or other compensation than that above set forth; and Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee(s).

Kenneth Maiese  
Kenneth Maiese  
(First Joint Inventor)

State of Michigan )  
County of Wayne )

ss.

On this Eight day of October, 1998, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

Suzanne M. Wornandt  
Notary Public,

(seal)

Macomb acting in Wayne County, State of Michigan

My Commission Expires: SUZANNE M. WORNANDT  
Notary Public, Macomb County, MI  
My Commission Expires Oct. 8, 2008  
Acting in Wayne County, MI

ASSIGNMENT BY JOINT INVENTORS

AM Vincent  
Andrea M. Vincent  
(Second Joint Inventor)

State of Michigan )  
County of Wayne ) ss.

On this 8th day of October, 1998, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that she executed the same of her own free will for the purpose therein set forth.

(seal)

Suzanne M. Wasmundt  
Notary Public,  
Macomb acting in Wayne County, State of Michigan

My Commission Expires: **SUZANNE M. WASMUNDT**  
**Notary Public, Macomb County, MI**  
**My Commission Expires Oct. 5, 2000**  
**Acting in Wayne County, MI**

This document must be executed by each inventor and each signature must be separately notarized.