Electronic Version v1.1

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NATURE OF CONVEYANCE: ASSIGNMENT CONVEYING PARTY DATA Execution Date Image: 05/14/2001 Image: 05/04/2001 Ieffrey S. Reynolds 05/09/2001 RECEIVING PARTY DATA 05/09/2001 RECEIVING PARTY DATA Image: Marne: Purdue Research Foundation Street Address: 1063 Howde Hall City: West Lafayette State/Country: INDIANA Postal Code: 47907 PROPERTY NUMBERS Total: 1 Image: CORRESPONDENCE DATA 09370144 CORRESPONDENCE DATA Image: Fax Number: (214)661-4559 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: (214)9361-959 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: (214)931 R559 Avenue, 8th Floor Address Line 4: Data, TEXAS 75201 AttroCORET NUMBER: 017575.0680 NAME OF SUBMITTER: Gienda J. Orrantia	SUBMISSION TYPE:		NEW AS	SIGNMENT			
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Doc. #117928

NUNC PRO TUNC ASSIGNMENT

WHEREAS, Eva Sevick-Muraca, Tamara L. Troy and Jeffrey S. Reynolds, hereinafter referred to as Assignors, have made one or more useful inventions for which United States of America Patent Application Number 09/367,148; PCT Patent Application Number PCT/US98/02354; Japanese Patent Application Number 534930/98; and European Application Number 98/907392.9 (hereinafter referred to as the "Applications"); and

WHEREAS, Purdue Research foundation, hereinafter referred to as Assignee, a not-forprofit corporation of the State of Indiana having a principal place of business at 1063 Hovde Hall, West Lafayette, IN 47907 desires to acquire and has acquired all of the entire right, title, and interest in, to and under said inventions disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, effective as of 7 February 1997, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said inventions disclosed, described and claimed or intended so to be in said Applications, and in, to and under said Applications, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit of the filing date thereof, any and all applications for which a claim of benefit of the filing date was made in one or more of the Applications, and any and all divisions and continuations thereof, and any and all patents to be

issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignors hereby authorize and request the Honorable Commissioner of Patents to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said inventions in this and all foreign countries for the use of Assignee.

WITNESS Assignors' hand this <u>14</u> day of <u>Man</u>, 2001.

<u>5/14/01</u> Date

Eva Sund - Moraca

Eva Sevick-Muraca

Date

Tamara L. Troy

Date

Jeffrey S. Reynolds

Doc. #117928

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> PATENT REEL: 019792 FRAME: 0448

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Date

Eva Sevick-Muraca

Date

19/01 Date

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Jeffrey S. Reynolds

Tamara L. Troy