

Form PTO-1595 (Rsev. 03/01)

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| OMB No. 0651-002/ (exp. 5/31/2002) | 2581224 |
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| Name of conveying party(ies): | Name and address of receiving party(ies) |
| DALTON, James T. GAO, Wenging | Name: The University of Tennessee Research Corporation |
| MILLER, Duane D. MARHEFKA, Craig A. Additional name(s) of conveying party(ies) attached? □Yes ☑No | Internal Address: |
| 3. Nature of conveyance: | |
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| | City: <u>Knoxville</u> State: <u>Tennessee</u> Zip: <u>37996-1527</u> |
| Execution Date: Sept 29, 2003, Sept 29, 2003, Sept 26, 2003, Sept 30, 2003 | Additional name(s) & address(es) attached? ☐ Yes ☑ No |
| 4. Application number(s) or patent number(s): | |
| If this document is being filed together with a new application | on, the execution date of the application is: |
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| AU, FUAGOU / | |
| Additional numbers atta | l ched? ☐ Yes ☑ No |
| 5. Name and address of party to whom correspondence | 6. Total number of applications and patents involved: 1 |
| concerning document should be mailed: | |
| Name: Eitan, Pearl, Latzer & Cohen Zedek, LLP. | 7. Total fee (37 CFR 3.41)\$ 40.00 |
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PATENT REEL: 014600 FRAME: 0070

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the Receipt of which is hereby acknowledged, I the undersigned, DALTON, James T. residing at 2706 Wellesley Drive, Upper Arlington, OH 43221, USA; MILLER, Duane D. residing at 8706 Maple Creek Cove, Germantown, TN 38139, USA; MARHEFKA, Craig A. residing at 99 Lewis Road, Belmont, MA 02478, USA; and GAO, Wenqing residing at 991 Manor Lane, Apt.F Columbus, Ohio 43221, USA

Hereby sell, assign and transfer to The University of Tennessee Research Foundation, located at 3 North Dunlap, 3rd Floor, Van Vleet Building, Memphis, TN 38163 its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed in the application for United States Patent U.S. Serial No. 10/462,837 filed June 17, 2003 and is entitled

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and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions:

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent

Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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| Witness: Mh To | [Signature] | Chast. Shifts | [Inventor's Signature |
| Euniu Hurh | [Name] | DALTON, James | Τ. |
| 522 Mahoning ct. | [Address] ν | | |
| 29/09/03 | [Date] | · • • | |
| [day / month / year] | • . | | |
| Witness: | [Signature] | | [Inventor's Signature |
| | [Name] | MILLER, Duane | D. |
| | [Address] | • | |
| · | [Date] | | |
| [day / month / year] | | : • . | |
| Witness: | [Signature] | | [Inventor's Signature] |
| | [Name] | MARHEFKA, Cr | |

Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

| Witness: | [Signature] | [Inventor's Signature] |
|----------------------------|-------------|--------------------------|
| | [Name] | DALTON, James T. |
| | [Address] | |
| | [Date] | 6 |
| [day / month / year] | | |
| Witness: Karen . Ray | [Signature] | Dusuel Miller Signature] |
| Karenm. Roy | [Name] | MILLER, Duane D. |
| 3 N. Dunlapst, memphis 201 | [Address] | |
| 29 9 03 38/63 | | |
| [day/month/year] | | |
| Witness: | [Signature] | [Inventor's Signature] |
| | [Name] | MARHEFKA, Craig A. |

Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

| Witness: | [Signature] | [Inventor's Signature | e] |
|---------------------------------------|-------------|------------------------------|----|
| | [Name] | DALTON, James T. | |
| | [Address] | | |
| | [Date] | • | |
| [day/month/year] | • | | |
| Witness: | [Signature] | [Inventor's Signature | 2] |
| · | [Name] | MILLER, Duane D. | |
| | [Address] | | |
| · · · · · · · · · · · · · · · · · · · | [Date] | 4 | |
| [day / month / year] | | | |
| Witness; Lika Morhylca | [Signature] | Cay Mh (Inventor's Signature | ;] |
| 0 | [Name] | MARHEFKA Graig A. | |

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| 99 Lowis Rd. | _ | |
| Belmont, MA 02-178 | _ [Address] C | 19 hewis Ku |
| 9/26/03 | [Date] | 79 Lewis RU Belmont MA 02476 |
| [day / month / year] | | 991abl03 |
| Witness: | [Signature] | [Inventor's Signature] |
| | _ [Name] | GAO, Wenging |
| | [Address] | |
| | Date | |

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| | | Docket No.: | _P-5121-US |
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| | [Address] [Date] | • | . • |
| [day/month/year] Witness: | [Signature] | 35 8 m | entor's Signature] |
| Scot PISHER | [Name] | GAO, Wenging | · curor a prignature j |
| 1684 CANVASONCE LANE | [Address] | - | • |
| 09/30/03 [day/month/year] | [Date] | | |

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