

03-12-2004



102691783

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Stephen P. Oliver
Raul A. Almeida
Douglas A. Luther
Hee-Myung Park
Additional name(s) of conveying party(ies) attached? [] Yes [X] No

3-10-04

2. Name and address of receiving party(ies):
Name: University of Tennessee Research Foundation
Internal Address: _____
Street Address: 1534 White Avenue, Suite 403
City Knoxville State TN ZIP 37996-1527
Country USA
Additional name(s) & address(es) attached? [] Yes [X] No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: 1/08/2004

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No.(s) 10/691,384 B. Patent No.(s) _____
Additional numbers attached? [] Yes [X] No

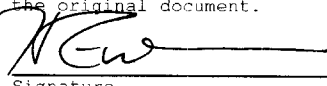
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5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Howard M. Eisenberg, Esq.
Address: 2206 Applewood Court
Perkasie, Pennsylvania
18944

6. Total number of applications and patents involved: [1]
7. Total fee (37 CFR 3.41 and 1.21(h))---\$ 40.00
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Howard M. Eisenberg  March 8, 2004
Name of Person Signing Signature Date

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ASSIGNMENT

IN CONSIDERATION of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Stephen P. Oliver, residing at 2404 Cross Creek Drive, Maryville, TN 37803; Raul A. Almeida, residing at 8412 Richland Colony Drive, Knoxville, TN 37923; Douglas A. Luther, residing at 3205 Louisville Road, Louisville, TN 37777; and Hee-Myung Park, residing at Seodun-dong 17-134, Gwonseon-gu, Suwon-si, Gyeonggi-do, South Korea, 441-854, intending to be legally bound;

HEREBY SELL, assign and transfer to University of Tennessee Research Foundation ("Assignee"), 1534 White Avenue, Suite 403, Knoxville, TN 37996-1527, its successors, assigns and legal representatives, our entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent which has been executed by the undersigned and which is entitled

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and to said application and all divisional, continuation, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements, including the right to claim in other countries the right of priority of any of said applications under the (Paris) International Convention; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

AGREE THAT said Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuation, substitute, renewal, reissue, and all other patent applications on any and all said improvements, execute all rightful oaths, Assignments, Powers of Attorney and other papers, communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns and legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives;

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 have been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

01/08/04
Date

Stephen P. Oliver
Stephen P. Oliver

Before me this 8 day of January, 2004 personally appeared the person above-identified, to me personally known to be the person of that name who is described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his/her free will for the purpose therein set forth.

Barbara Gillespie
Witness

Barbara Gillespie
(Print or Type Name)

01/08/04
Date

Raul A. Almeida
Raul A. Almeida

Before me this 8 day of January, 2004 personally appeared the person above-identified, to me personally known to be the person of that name who is described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his/her free will for the purpose therein set forth.

Barbara Gillespie
Witness

Barbara Gillespie
(Print or Type Name)

1/8/04
Date

Douglas A. Luther
Douglas A. Luther

Before me this 8 day of January, 2004 personally appeared the person above-identified, to me personally known to be the person of that name who is described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his/her free will for the purpose therein set forth.

Barbara Gillespie
Witness

Barbara Gillespie
(Print or Type Name)

Dec. 23, 2003
Date

H. M. Park
Hee-Myung Park

Before me this 23 day of December, 2003 personally appeared the person above-identified, to me personally known to be the person of that name who is described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his/her free will for the purpose therein set forth.

Chul Park
Witness

Chul PARK
(Print or Type Name)