

04-24-2002



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SHEET U.S. DEPARTMENT OF COMMERCE

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

1. Name of conveying party(ies):

Tong Fang
Ming Fang

4-15-02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: April 1, 2002

2. Name and address of receiving party(ies)

Name: Siemens Corporate Research, Inc.

Internal Address: _____

Street Address: 755 College Road EastCity: Princeton State: NJ ZIP: 08540Additional 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, the execution date of the application is: _____

A. Patent Application No.(s)

10/080,805

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Elsa Keller

Internal Address: _____

Siemens CorporationIntellectual Property DepartmentStreet Address: 186 Wood Avenue SouthCity: Iselin State: NJ ZIP: 088306. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41) \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit Account No.

19-2179

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9. Statement and signature

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.

Donald B. Paschburg, Reg. No. 33,753
Name of Person SigningDonald B. Paschburg
SignatureApril 3, 2002
DateTotal number of pages including cover sheet, attachments, and document: 3

04/23/2002 LMUELLER 00000296 192179 10000805

01 PC:581

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PATENT
REEL: 12809 FRAME: 0612

ASSIGNMENT

For good and valuable consideration, We, Tong Fang, residing at 322-B Mapleview Drive, Old Bridge, NJ 08857, citizen of China; Ming Fang, residing at 4 Barrington Drive, Princeton Jct., NJ 08550, citizen of USA; hereafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to Siemens Corporate Research, Inc., a corporation organized and existing under the state laws of Delaware, having its principal place of business at 755 College Road East, Princeton, NJ, 08540, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and 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 filed

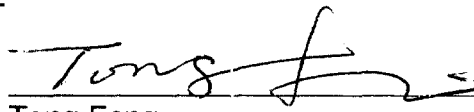
on 02.21.2002, U.S. Serial No.: 10/080,805,
entitled:

Adaptive Threshold Determination For Ball Grid Array Component Modeling

and in and to said application and all divisional, continuing, 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; and in and to all original and reissued patents which have been or shall be filed 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, 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 undersigned will execute all divisional, continuing, 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 or 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; and

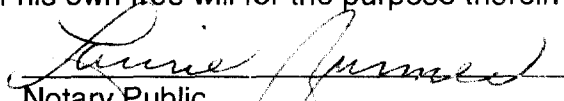
Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed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


Tong Fang

State of New Jersey)
County of Middlesex) ss

Before me this 1st day of APRIL, 2002 personally appeared Tong Fang to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

[Seal]


Notary Public

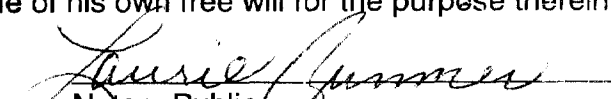
LAURIE ZIMMER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires June 1, 2005


Ming Fang

State of New Jersey)
County of Middlesex) ss

Before me this 1st day of APRIL, 2002 personally appeared Ming Fang to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

[Seal]


Notary Public

LAURIE ZIMMER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires June 1, 2005