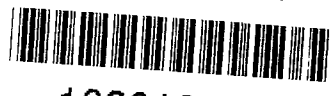


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FORM PTO-1595 (Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005)



DEPARTMENT OF COMMERCE Patent and Trademark Office

102912943

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

1. Name of conveying party(ies): **Bing Tian; Kenneth S. McElvain**  
Additional name(s) of conveying party(ies) attached?  No  Yes

2. Name and address of receiving party(ies):  
Name: **Synplicity, Inc.**  
Internal Address:  
Street Address: **600 W. California Avenue**

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: **11/24/2004**

City: **Sunnyvale** State: **CA** Zip: **94086**  
Country: **USA**  
Additional name(s) & address(es) attached?  No  Yes

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)  
**10/958,899**

B. Patent No.(s)  
Additional numbers attached?  No  Yes

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **Blakely, Sokoloff, Taylor & Zafman LLP**  
Internal Address:  
Street Address: **12400 Wilshire Boulevard**  
**7th Floor**  
City: **Los Angeles** State: **CA** ZIP: **90025**

6. Total number of applications and patents involved: **1**  
7. Total Fee (37 CFR 3.41).....\$ **40.00**  
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9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.*

12/29/2004 6TON11 00000052 10958899  
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**Lehua Wang**  
Name of Person Signing

*Lehua Wang*  
Signature

**12/22/04**  
Date

Total number of pages including cover sheet, attachments, and document: **3**

Mail documents to be recorded with required cover sheet information to:  
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Docket No.

**PATENT**  
**REEL: 016098 FRAME: 0160**

## **ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

**Bing Tian; Kenneth S. McElvain**

hereby sell, assign, and transfer to:

**Synplicity, Inc.**

a Corporation of California, having a principal place of business at 600 W. California Avenue, Sunnyvale, California 94086 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent filed on October 4, 2004, and assigned Application No. 10/958,899 and is entitled:

### **Methods And Apparatuses For Automated Circuit Design**

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority from the filing of said United States applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions and 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 design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, power of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and 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.

**Each Inventor: Please Sign and Date Below:**

11/24/04   
Date Name: **Bing Tian**

11/24/04   
Date Name: **Kenneth S. McElvain**

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Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (408) 720-8300