08-19-2002

OMB 110. 000 1 00 17 (CXP. 4754)	U.S. DEPARTMENT C Patent and T	
To the Honorable Commissioner of Patents and Trademarks. Plea	95463	oroofO
Name of conveying party(ies): Chun Kit Ng; Kenneth S. McElvain	2. Name and address of receiving party(ies): Name: Synplicity, Inc.	
Additional name(s) of conveying party(ies) attached? ⊠ No □ Yes	Internal Address: Street Address: 935 Stewart Drive	Je715 (
3. Nature of Conveyance:	City: Sunnyvale State: CA Zip: 94085	
Execution Date: 8/08/2002	Additional name(s)& address(es) attached?	
If this document is being filed together with a new application A. Patent Application No.(s)	B. Patent No.(s)	8/09/2
Additional number	ers attached?	
5. Name and address of party to whom correspondence concerning document should be mailed:	ers attached? 6. Total number of applications and patents in	involved:
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Blakely, Sokoloff, Taylor & Zafman LLP Internal Address:		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Blakely, Sokoloff, Taylor & Zafman LLP	 6. Total number of applications and patents 7. Total Fee (37 CFR 3.41)\$ 40.00 ☑ Enclosed 	it account
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 7. Total Fee (37 CFR 3.41)\$ 40.00 Enclosed Authorized to be charged to depos 8. Deposit Account Number: 02-2666 	it account
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 7. Total Fee (37 CFR 3.41)\$ 40.00 Enclosed Authorized to be charged to depos 8. Deposit Account Number: 02-2666 (Attach duplicate copy of this page if paying by descriptions)	it account
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 DO NOT US 9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and DBYRNE 00000048 10215869	6. Total number of applications and patents in a comparison of the	it account

Mail documents to be recorded with required cover sheet information to:
 Assistant Commissioner of Patents, Box Assignments
 Washington, D.C. 20231

Docket No. 2986P023

Attorney's Docket No.: 2986P023

ASSIGNMENT

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

Chun Kit Ng; Kenneth S. McElvain

hereby sell, assign, and transfer to:

Synplicity, Inc.

having a principal place of business at 935 Stewart Drive, Sunnyvale, California 94085 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 has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

Method and System for Debugging Using Replicated Logic

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 resulting from the filing of said United States application;

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 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, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and 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 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

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PATENT REEL: 013191 FRAME: 0124 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:

8/8/02 Date	Name: Chun Kit Ng
 Date	Name: Kenneth S. McElvain
Date	Name:
 Date	Name:

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Blvd., Seventh Floor
Los Angeles, CA 90025-1026

Telephone: (503) 684-6200

Attorney's Docket No.: 2986P023

ASSIGNMENT

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Method and System for Debugging Using Replicated Logic

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 resulting from the filing of said United States application;

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 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, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and 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 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

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PATENT REEL: 013191 FRAME: 0126

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:

Date	Name: Chun Kit Ng
Aug 8, 2002 Date	Name: Kenneth S. McElvain
Date	Name:

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 12400 Wilshire Blvd., Seventh Floor Los Angeles, CA 90025-1026 Telephone: (503) 684-6200

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RECORDED: 08/09/2002

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