Substitute Form PTO-1595 Attorney Docket No.: 15670-029US1 Client's Ref. No.: SD2003-252

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Chung-Kuan Cheng and Zhengyong Zhu	The Regents of the University of California 1111 Franklin St. 12th Floor Oakland, CA 94607-5200
Additional name(s) attached? ☐ Yes 図 No	
3. Nature of conveyance:	
 ☑ Assignment ☑ Morger ☑ Security Agreement ☑ Change of Name IJ Other; 	
Execution Date: Chung-Kuan Cheng 5/4/2006; Zhengyong Zhu 5/5/2006	Additional names/addresses attached? ☐ Yes 图 No
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If this document is being filled with a new application, the execution	ion date of the application is:
A. Patent Application No(s).:	B: Patent No(s).:
10/558,842	
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Bing Ai	7. Total fee (37 CFR §3.41): \$40
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San Diego, California 92130	8. Deposit Account No.: 06-1050
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PATENT

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REEL: 017826 FRAME: 0273

Attorney Docket No: 15670-029US1 SD2003-252

ASSIGNMENT

For valuable consideration, we, Chung-Kuan Cheng, of San Diego, California; Zhengyong Zhu, of La Jolla, California; hereby assign to THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, a corporation of California, having a place of business at 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled CIRCUIT NETWORK ANALYSIS USING ALGEBRAIC MULTIGRID APPROACH, filed November 29, 2005, and assigned U.S. Serial Number 10/558,842, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignce to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: May 4, 2006	CHUNG-KUAN CHENG
DATE:	ZHENGYONG ZHU

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Assignment Page 1 of 1

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PATENT REEL: 017826 FRAME: 0274

Attorney Docket No: 15670-029US1 SD2003-252

<u>ASSIGNMENT</u>

For valuable consideration, we, Chung-Kuan Cheng, of San Diego, California; Zhengyong Zhu, of La Jolla, California; hereby assign to THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, a corporation of California, having a place of business at 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled CIRCUIT NETWORK ANALYSIS USING ALGEBRAIC MULTIGRID APPROACH, filed November 29, 2005, and assigned U.S. Serial Number 10/558,842, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE:	
	CHUNG-KUAN CHENG
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DATE: 5-5-06	ZHENGYONG ZHU
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