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1. Name of conveying party(ies):

Wenging Jiang
Antonio Ortega

Additional name(s) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

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Patent & Copyright Administration
3716 S. Hope St., Suite 313
Los Angeles, CA 90007-4344

Additional names/addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment
☐ Merger
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☐ Change of Name
☐ Other

Execution Date: 10/18/2000 and 11/01/2000,
respectively

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is: 10/18/2000 and 11/01/2000,
respectively

A. Patent Application No(s):

09/596,242

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

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

SCOTT C. HARRIS
Fish & Richardson P.C.
4350 La Jolla Village Drive, Suite 500
San Diego, CA 92122

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR §3.41): \$40

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PATENT
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ASSIGNMENT

For valuable consideration, we, ANTONIO ORTEGA of _____, and WENQING JIANG of Milipitas, California, hereby assign to: UNIVERSITY OF SOUTHERN CALIFORNIA, a California corporation having a place of business at: Patent & Copyright Administration, 3716 S. Hope St., Suite 313, Los Angeles, CA 90007-4344; 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 DISCRETE WAVELET TRANSFORM SYSTEM ARCHITECTURE DESIGN USING FILTER FACTORIZATION, filed June 16, 2000, and assigned U.S. Serial Number 09/596,242, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; 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.

DATED: _____

ANTONIO ORTEGADATED: 10/18/2000 __________

WENQING JIANG

11/01/00 WED 09:34 FAX

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Amend Docket No. 06666/039001

ASSIGNMENT

For valuable consideration, we, ANTONIO ORTEGA of Los Angeles, CA, and WENQING JIANG of Millipitas, California, hereby assign to: UNIVERSITY OF SOUTHERN CALIFORNIA, a California corporation having a place of business at: Patent & Copyright Administration, 3716 S. Hope St., Suite 313, Los Angeles, CA 90007-4344, 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 DISCRETE WAVELET TRANSFORM SYSTEM ARCHITECTURE DESIGN USING FILTER FACTORIZATION, filed June 16, 2000, and assigned U.S. Serial Number 09/596,242, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; 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 exhibition 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.

DATED: Nov. 1, 2000
ANTONIO ORTEGA

DATED: _____

WENQING JIANG

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