503591101 12/01/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEUNGYUP PAEK	10/09/2000

RECEIVING PARTY DATA

Name:	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
Street Address:	116TH STREET & BROADWAY
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10027

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13169330

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER: 2000-0025-CON-4		
NAME OF SUBMITTER:	QUY LE	
SIGNATURE:	/Quy Le/	
DATE SIGNED:	12/01/2015	

Total Attachments: 3

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PATENT 503591101 REEL: 037180 FRAME: 0610

ASSIGNMENT

WHEREAS, WE, ANA B. BENITEZ, SHIH-FU CHANG, and SEUNGYUP PAEK, citizens of the Spain, Taiwan, and the United States of America, respectively whose post office addresses are 400 W. 119th Street, Apt. 9F, New York, New York 10027, 560 Riverside Drive, Apt. 18K, New York 10027, and 530 Riverside Drive, Apt. 6J, New York, New York 10027, respectively, have made an invention for which WE have applied for Letters Patent of the United States entitled "MULTIMEDIA INTEGRATION DESCRIPTION SCHEME, METHOD AND SYSTEM FOR MPEG-7" filed February 1, 2000 as application serial no. 09/495,175, and

WHEREAS, THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK (hereinafter "COLUMBIA"), a corporation organized and existing under the laws of the State of New York, and having an office for the transaction of business at 116th Street & Broadway, New York, NY 10027, is desirous of acquiring our entire right, title and interest in and to said invention and any improvements thereon, and in and to application for Letters Patent therefor, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that ANA B. BENITEZ, SHIH-FU CHANG, and SEUNGYUP PAEK for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, in hand paid by COLUMBIA, and other valuable considerations unto us moving from COLUMBIA, at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto COLUMBIA, its successors and assigns, our entire right, title and interest in and to the said invention for which we are about to make application for Letters Patent of the United States entitled "MULTIMEDIA INTEGRATION DESCRIPTION SCHEME, METHOD AND SYSTEM FOR MPEG-7" as set forth and described in application serial no. 09/495,175, for Letters Patent of the United States and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, ANA B. BENITEZ, SHIH-FU CHANG, and SEUNGYUP PAEK do hereby authorize and request the Commissioner of Patents and Trademarks to issue Letters Patent of the United States to said COLUMBIA, as the assignee of our entire right, title and interest in and to the same, for the use and benefit of said COLUMBIA, its successors and assigns;

NY02:270370.1

PATENT REEL: 037180 FRAME: 0611 AND WE, ANA B. BENITEZ, SHIH-FU CHANG, and SEUNGYUP PAEK for the considerations aforesaid, do hereby covenant and agree to and with said COLUMBIA, its successors and assigns, that they have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that their respective executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said COLUMBIA, its successors and assigns, may be required or necessary more effectively to secure to and vest in said COLUMBIA, its successors and assigns, such entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that they will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, WE, ANA B. BENITEZ, SHIH-FU CHANG and SEUNGYUP PAEK have hereunto set my hand and seal on the date below written.

ANA B. BENITEZ

STATE OF NEW YORK) : ss.:
COUNTY OF New York)

BE IT KNOWN, that on this 4 day of 0, 2000, before me personally came ANA B. BENITEZ to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

FLORENCE J. GRANTI

Notary Public, State of New York

No. 31-4666482

Qualified in New York County

Commission Expires March 30. 2003

-2-

NY02:270370.1

PATENT

STATE OF NEW YORK)

COUNTY OF MON YORK

BE IT KNOWN, that on this day of day of , 2000, before me personally came SHIH-FU CHANG to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

ECORENCE J. GRAND

Notary Public, State of New York No. 31-4666482 Qualified in New York County Commission Expires March 30

STATE OF NEW YORK)

COUNTY OF New York)

BE IT KNOWN, that on this q day of October, 2000, before me personally came SEUNGYUP PAEK to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

> RAMESHCHANDRA R. JHAVERI Notary Public, State of New York No. 41-4988830

Qualified in Queens County Qualified in Queens Councy Commission Expires Nov. 18, 199; 201 Notary Public

NY02:270370.1

RECORDED: 12/01/2015

-3-

PATENT REEL: 037180 FRAME: 0613