

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Seungup Paek	12/12/2012
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:	09831218
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ATTORNEY DOCKET NUMBER:	070050.1530
NAME OF SUBMITTER:	Lillian Garcia
Total Attachments: 3 source=070050_1530_Assignment#page1.tif source=070050_1530_Assignment#page2.tif source=070050_1530_Assignment#page3.tif	

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ASSIGNMENT

WHEREAS, WE, **Seungup Paek**, a citizen of Korea, having a residence address at 530 Riverside Drive, New York, New York 10027; **Ana B. Benitez**, a citizen of Spain, having a residence address at 730 Columbus Avenue, Apt. 3F, New York, New York 10025; and **Shih-Fu Chang**, a citizen of the United States, having a residence address at 817 West End Avenue, Apt. 10E, New York, New York 10025; (hereinafter "**ASSIGNORS**"), have made an invention entitled "**VIDEO DESCRIPTION SYSTEM AND METHOD**" as set forth and described in United States Provisional Application No. 60/118,027, filed February 1, 1999; International Patent Application No. PCT/US1999/26126, filed November 5, 1999; United States Application No. 09/831,218, filed December 11, 2001; United States Application No. 11/448,114, filed June 6, 2006;

WHEREAS, **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** (hereinafter "**ASSIGNEE**"), having its principal place of business at **116th Street & Broadway, New York, New York, 10027**, is desirous of acquiring the whole right, title and interest in and to said application for Letters Patent, and any continuations, divisions, extensions, substitutions, reissues and reexaminations thereof;

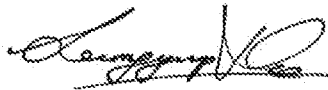
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the said **ASSIGNORS**, for and in consideration of valuable considerations unto us moving from said **ASSIGNEE**, at or before the ensealing and delivery of these presents, the receipt and sufficiency of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said **ASSIGNEE**, its successors and assigns, the entire right, title and interest in and to the said invention entitled "**VIDEO DESCRIPTION SYSTEM AND METHOD**" and any and all improvements thereto, 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, and in and to any other applications based in whole or in part on any of the foregoing, **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, the said **ASSIGNORS**, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said **ASSIGNEE**, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said **ASSIGNEE**, its successors and assigns;

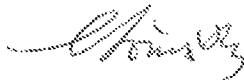
AND WE, the said **ASSIGNORS**, for the considerations aforesaid, do hereby covenant and agree to and with said **ASSIGNEE**, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our 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 **ASSIGNEE**, its successors and assigns, may be required or necessary more effectively to secure to and vest in said **ASSIGNEE**, its successors and assigns, the 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 we 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, I have hereunto set my hand and seal this 12th day of December 2012.



Seungup Paek



Witness: _____ [signature]

Su Jung Christy Park

Date: _____ 2012

Ana B. Benitez

STATE OF)
 :ss:
COUNTY OF)

BE IT KNOWN, that on this _____ day of _____, 2012, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this ____ day of _____, 2012.

Notary Public

Date: _____ 2012

Shih-Fu Chang

STATE OF)
 :ss:
COUNTY OF)

BE IT KNOWN, that on this _____ day of _____, 2012, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this ____ day of _____, 2012.

Notary Public