

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Alexandros Eleftheriadis</td> <td>12/28/1999</td> </tr> <tr> <td>Hari Kalva</td> <td>12/28/1999</td> </tr> </tbody> </table>		Name	Execution Date	Alexandros Eleftheriadis	12/28/1999	Hari Kalva	12/28/1999						
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>The Trustess of Columbia University in the City of New York</td> </tr> <tr> <td>Street Address:</td> <td>116th Street & Broadway</td> </tr> <tr> <td>City:</td> <td>New York</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10027</td> </tr> </table>		Name:	The Trustess of Columbia University in the City of New York	Street Address:	116th Street & Broadway	City:	New York	State/Country:	NEW YORK	Postal Code:	10027		
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PROPERTY NUMBERS Total: 5													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>8421923</td> </tr> <tr> <td>Patent Number:</td> <td>8115873</td> </tr> <tr> <td>Application Number:</td> <td>12885687</td> </tr> <tr> <td>Application Number:</td> <td>13767632</td> </tr> <tr> <td>Application Number:</td> <td>13345208</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	8421923	Patent Number:	8115873	Application Number:	12885687	Application Number:	13767632	Application Number:	13345208
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CORRESPONDENCE DATA													
Fax Number: 2124082501 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 212-408-2500 Email: nydocket@bakerbotts.com Correspondent Name: Baker Botts L.L.P. Address Line 1: 30 Rockefeller Plaza Address Line 4: New York, NEW YORK 10112-4498													
ATTORNEY DOCKET NUMBER:	070050.0115												

502393587

PATENT
 REEL: 030660 FRAME: 0612

CH \$200.00 8421923

NAME OF SUBMITTER:	Paul A. Ragusa
Signature:	/Paul A. Ragusa/
Date:	06/21/2013
Total Attachments: 4 source=ColumbiaAssignment#page1.tif source=ColumbiaAssignment#page2.tif source=ColumbiaAssignment#page3.tif source=ColumbiaAssignment#page4.tif	

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Alexandros Eleftheriadis
Hari Kalva

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

☐ Other _____

Execution Date: December 28, 1999

2. Name and address of receiving party(ies)

Name: THE TRUSTEES OF COLUMBIA
UNIVERSITY IN THE CITY OF NEW YORK

Address: 116TH St. & Broadway

City: New York State: NY Zip: 10027

Additional name(s) and address(es) attached?

☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is _____

A. Patent Application No.(s)

09/367,433

B. Patent No.(s)

Additional numbers attached?

☐ Yes

☒ No

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

Name: Henry Tang

BAKER BOTTS L.L.P.

Address: 30 Rockefeller Plaza - 44 Fl.

City: New York State: NY Zip: 10112

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

02-4377

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing instrumentation is true and correct and any attached copy is a true copy of the original document.

Henry Tang

Name of Person Signing

Signature

January 10, 2000

Date

Total number of pages including cover sheet, attachments and document:

4

ASSIGNMENT


WHEREAS, WE, ALEXANDROS ELEFThERIADIS and HARI KALVA, citizens of Greece and India, respectively, whose post office address is Dept. of Electrical Engineering, Columbia University, New York, NY 10027, have made an invention entitled "OBJECT-BASED AUDIO-VISUAL TERMINAL AND BITSTREAM STRUCTURE" as set forth and described in application for Letters Patent of the United States, Serial No. 09/367,433, filed August 13, 1999; and

WHEREAS, THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK (hereinafter "COLUMBIA"), 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 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 ALEXANDROS ELEFThERIADIS and HARI KALVA, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said COLUMBIA, and other valuable considerations unto us moving from said 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 said COLUMBIA, its successors and assigns, the entire right, title and interest in and to the said invention entitled "OBJECT-BASED AUDIO-VISUAL TERMINAL AND BITSTREAM STRUCTURE" as set forth and described in application for Letters Patent of the United States, Serial No. 09/367,433, filed August 13, 1999, 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, the said ALEXANDROS ELEFThERIADIS and HARI KALVA, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said COLUMBIA, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COLUMBIA, its successors and assigns;

ASSIGNED TO
See Above
 RECORDED *January 13 2000*
 FILED *10085* PATENT-15
 105 REEL: 030660 FRAME: 0615


HARI KALVA


STATE OF *NEW YORK*)

COUNTY OF *NEW YORK*)

: SS.:

LISA DONADIO
Notary Public, State of New York
No. 01506015254
Qualified in New York County
Commission Expires Oct. 26, 2000

BE IT KNOWN, that on this 28th day of December, 1999, before me personally came HARI KALVA, 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.


Notary Public