

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mrityunjay Kumar</td> <td>01/05/2011</td> </tr> <tr> <td>Zheshen Wang</td> <td>12/27/2010</td> </tr> <tr> <td>Jiebo Luo</td> <td>01/05/2011</td> </tr> </tbody> </table>		Name	Execution Date	Mrityunjay Kumar	01/05/2011	Zheshen Wang	12/27/2010	Jiebo Luo	01/05/2011		
Name	Execution Date										
Mrityunjay Kumar	01/05/2011										
Zheshen Wang	12/27/2010										
Jiebo Luo	01/05/2011										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Eastman Kodak</td> </tr> <tr> <td>Street Address:</td> <td>343 State Street</td> </tr> <tr> <td>City:</td> <td>Rochester</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>14650-2201</td> </tr> </table>		Name:	Eastman Kodak	Street Address:	343 State Street	City:	Rochester	State/Country:	NEW YORK	Postal Code:	14650-2201
Name:	Eastman Kodak										
Street Address:	343 State Street										
City:	Rochester										
State/Country:	NEW YORK										
Postal Code:	14650-2201										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12964784</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12964784						
Property Type	Number										
Application Number:	12964784										
CORRESPONDENCE DATA											
<p>Fax Number: (585)588-7413</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 585-477-4656</p> <p>Email: lisa.demunck@kodak.com</p> <p>Correspondent Name: Eastman Kodak Company</p> <p>Address Line 1: 343 State Street</p> <p>Address Line 4: Rochester, NEW YORK 14650-2201</p>											
ATTORNEY DOCKET NUMBER:	96458KES										
NAME OF SUBMITTER:	Lisa DeMunck										
<p>Total Attachments: 2</p> <p>source=assignment#page1.tif</p> <p>source=assignment#page2.tif</p>											

CH \$40.00 12964784

PATENT

501399771

REEL: 025600 FRAME: 0108

ASSIGNMENT

For good and valuable consideration received, including salary or payment for the making of inventions, or employee benefits, I/we do hereby assign to Eastman Kodak Company, a New Jersey corporation having a principal place of business in Rochester, New York, its successors and assigns, the entire right, title and interest, including priority rights, in and to all of my/our inventions and improvements disclosed in an application for patent for:

VIDEO KEY-FRAME EXTRACTION USING BI-LEVEL SPARSITY

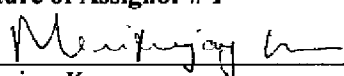

which is [check one]

- ☒ a non-provisional application for patent executed on the date(s) shown below by:
☐ a provisional application for patent by:
☐ an international application for patent by:

Assignor # 1: Mrityunjay Kumar	Date: 01/05/2011
Assignor # 2: Zheshen Wang	Date: Dec. 27, 2010
Assignor # 3: Jiebo Luo	Date: Jan 5, 2011

and [check one] ☐ about to be filed ☒ already filed as Serial No. 12/964,784 on Dec. 10, 2010

in the United States Patent and Trademark Office, together with said application, and any corresponding or counterpart provisional or non-provisional application, and any divisional, continuation, substitute, reissue, re-examination application thereof, and any applications, including international applications, corresponding or being a counterpart thereto in whole or in part in the United States and all other countries. I/We do hereby acknowledge that I/we were subject to an obligation of assignment to Eastman Kodak Company with respect to the entire right, title and interest in and to said inventions at the time the inventions were made. I/We also do hereby assign to Eastman Kodak Company the entire right, title and interest in and to Letters Patent and similar protective rights granted on any of these applications, as well as the right to claim any applicable priority rights arising from any of these applications under the terms of any applicable conventions, treaties, statutes or regulations. I/We agree that any of these applications, at Eastman Kodak Company's sole discretion, may be filed and issued in the name of Eastman Kodak Company or its designee. I/We agree to execute such documents which in the judgment of Eastman Kodak Company may be necessary to obtain any such patents and similar protective rights and to maintain the title thereto in Eastman Kodak Company or its designee. I/We further agree that, upon request, but without out-of-pocket expense to myself/ourselves, I/we shall furnish to Eastman Kodak Company or its designee any data, information, exhibits, memoranda, or other evidence in my/our possession relating to any of said inventions or improvements and shall testify in any ex parte or inter partes legal or administrative proceedings relating thereto. I/We authorize and request issuance of all Letters Patent and similar protective rights that may be granted on any of these applications, to the extent that and in such manner as such issuance shall be requested by Eastman Kodak Company or its designee. This document shall be governed, construed and interpreted in all respects in accordance with the laws of the State of New York, U.S.A.

Signature of Assignor # 1  Mrityunjay Kumar Date: 01/05/2011 Witnessed: Jessica DePuech	Witness Address, if other than Eastman Kodak Company, Rochester, NY 14650
Signature of Assignor # 2  Zheshen Wang Date: Dec. 27, 2010 Witnessed: Qiang Zhang Dec 27th 2010	Witness Address, if other than Eastman Kodak Company, Rochester, NY 14650 669 S. Mill. Ave. Tempe, AZ 85281

POWER OF ATTORNEY: As a named inventor, I hereby appoint the attorney(s) and/or agent(s) associated with Eastman Kodak Company Customer No. 01333 to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Send Correspondence to:

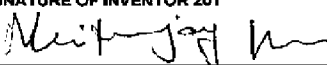


Customer Number 01333
Patent Legal Staff
Eastman Kodak Company
343 State Street
Rochester, NY 14650-2201

Direct Telephone Calls to:
(name and telephone number)

Kevin E. Spaulding
585-588-3706

2	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
0	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
1	BUSINESS ADDRESS	BUSINESS ADDRESS	CITY	STATE & ZIP CODE (COUNTRY)
		Eastman Kodak Company	343 State Street, Rochester	New York 14650 USA
2	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
0	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
2	BUSINESS ADDRESS	BUSINESS ADDRESS	CITY	STATE & ZIP CODE (COUNTRY)
		Eastman Kodak Company	343 State Street, Rochester	New York 14650 USA
2	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
0	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
3	BUSINESS ADDRESS	BUSINESS ADDRESS	CITY	STATE & ZIP CODE (COUNTRY)
		Eastman Kodak Company	343 State Street, Rochester	New York 14650 USA
2	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
0	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
4	BUSINESS ADDRESS	BUSINESS ADDRESS	CITY	STATE & ZIP CODE (COUNTRY)
		Eastman Kodak Company	343 State Street, Rochester	New York 14650 USA
2	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
0	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
5	BUSINESS ADDRESS	BUSINESS ADDRESS	CITY	STATE & ZIP CODE (COUNTRY)
		Eastman Kodak Company	343 State Street, Rochester	New York 14650 USA
2	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
0	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
6	BUSINESS ADDRESS	BUSINESS ADDRESS	CITY	STATE & ZIP CODE (COUNTRY)
		Eastman Kodak Company	343 State Street, Rochester	New York 14650 USA

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
		
DATE 01/05/2011	DATE Dec. 27, 2010	DATE Jan 5, 2011
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE