

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>Charles L. DuBois</td> <td>01/30/2012</td> </tr> <tr> <td>Seymen Ertas</td> <td>01/27/2012</td> </tr> <tr> <td>James Dolce</td> <td>01/27/2012</td> </tr> </tbody> </table>	Name	Execution Date	Charles L. DuBois	01/30/2012	Seymen Ertas	01/27/2012	James Dolce	01/27/2012	
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Charles L. DuBois	01/30/2012								
Seymen Ertas	01/27/2012								
James Dolce	01/27/2012								
RECEIVING PARTY DATA									
Name:	FUJIFILM North America Corporation								
Street Address:	200 Summit Lake Drive								
Internal Address:	2nd Floor								
City:	Valhalla								
State/Country:	NEW YORK								
Postal Code:	10595								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13316016</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	13316016					
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Application Number:	13316016								
CORRESPONDENCE DATA									
Fax Number:	(585)362-4615								
Email:	levans@woodsoviatt.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Dennis B. Danella, Esq.								
Address Line 1:	Woods Oviatt Gilman LLP								
Address Line 2:	2 State St., 700 Crossroads Bldg.								
Address Line 4:	Rochester, NEW YORK 14614								
ATTORNEY DOCKET NUMBER:	FU041.75804US2								
NAME OF SUBMITTER:	Dennis B. Danella, Esq.								
Total Attachments: 3 source=75804US2Assignment#page1.tif source=75804US2Assignment#page2.tif source=75804US2Assignment#page3.tif									

CH \$40.00 13316016

ASSIGNMENT

WHEREAS, I, **CHARLES L. DUBOIS**, 5 Homestead View, Rochester, New York 14624, a citizen of the United States of America, and I, **SEYMEN ERTAS**, 27 Hoyt Place, Rochester, New York 14610, a citizen of Turkey, and I, **JAMES DOLCE**, 61 Daunton Drive, Rochester, New York 14624, a citizen of the United States of America, have created a **SYSTEM AND METHOD FOR PROVIDING CACHING AND PRE-FETCH OF ASSETS/MEDIA** (hereinafter "Invention") for which a provisional application for Letters Patent has been executed in the United States as U.S. Patent Application No. 13/316,016, filed on December 9, 2011;

WHEREAS, **FUJIFILM North America Corporation**, with its principal place of business at 200 Summit Lake Drive, 2nd Floor, Valhalla, New York 10595, USA, desires to acquire the entire right, title and interest in, to and under the said Invention and the Application;

NOW, THEREFORE, for good and valuable consideration including salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **FUJIFILM North America Corporation**, its successors, legal representatives and assigns, my entire right, title and interest throughout the world in, to and under the Invention and the Application and all non-provisionals, extensions, divisionals, continuations, renewals and reissues thereof, and all Letters Patent of the United States which may be granted thereon and all non-provisionals, extensions, divisionals, continuations, renewals and reissues thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said Improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said Improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and including all rights to publish cautionary notices reserving ownership of the said Improvements and the said Application and all rights to register the said Improvements and the said Application in appropriate registries;

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and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said Improvements to the said FUJIFILM North America Corporation, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said FUJIFILM North America Corporation, its successors, legal representatives and assigns, any facts known to us respecting said Improvements and testify in any legal proceeding, sign all lawful papers, execute all non-provisional, divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said FUJIFILM North America Corporation, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said Improvements in all countries.

IN TESTIMONY WHEREOF, I authorize and affirm said assignments with the signatures set forth below on the indicated dates.



Charles L. DuBois

STATE OF NY)

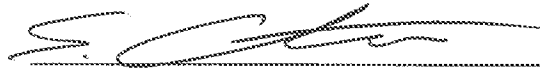
COUNTY OF Monroe), SS:

This 30th day of January, 2012, the undersigned, a notary public in and for said state, personally appeared Charles L. DuBois, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual or the person upon behalf of which the individual acts, executed the instrument.

Francis V. Gallucci
Notary Public, State of New York
No. 02GA6169744
Qualified in Monroe County
Commission Expires July 2, 2015



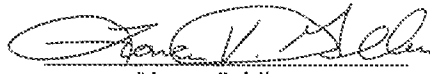
Notary Public

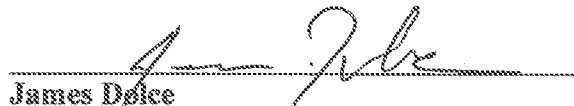

 Seymen Ertas

STATE OF NY)
 COUNTY OF Monroe), SS:

This 27th day of January, 2012, the undersigned, a notary public in and for said state, personally appeared Seymen Ertas, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual or the person upon behalf of which the individual acts, executed the instrument.

Francis V. Gallucci
 Notary Public, State of New York
 No. 02GA6169744
 Qualified in Monroe County
 Commission Expires July 2, 2015


 Notary Public


 James Dolce

STATE OF NY)
 COUNTY OF Monroe), SS:

This 27th day of January, 2012, the undersigned, a notary public in and for said state, personally appeared James Dolce, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual or the person upon behalf of which the individual acts, executed the instrument.

Francis V. Gallucci
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 Notary Public