RECORDAT	ION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
PATENTS ONLY	Attorney Docket Number 20040458+US-CIP Document ID No.: 103136419
To the Honorable Commissioner of Patents and Tra	ademarks: Please record the attached original assignment document.
1. Name of conveying party(ies)/Execution Da	ate(s): 2. Name and Address of receiving Party(ies):
Ramesh Nagarajan Zhigang Fan Shivang Patel .	Xerox Corporation 800 Long Ridge Road P.O. Box 1600 Stamford, CT 06904-1600
Assignment Execution Date(s): 1. 11/28/2005 2. 11/28/2005 3. 11/25/2005	
Additional name(s) of conveying party(les)attached? Yes	No Additional name(s) and address(es)strachou? Yes No
Nature of Conveyance: Assignment	Title: METHOD FOR AUTOMATED IMAGE INDEXING AND RETRIEVAL
Application number(s) or patent number (s) or patent number (s) or patent number (s) or patent number (s) at this document is being filed together with a result of the control of th	ber(s): new application, the execution date of the application is: B. Patent No.(s)
	Additional numbers attached? Yes No
Name and Address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved = 1
Patent Documentation Center Xerox Corporation 100 Clinton Avenue South Xerox Square 20th Floor Rochester, NY 14644	7. Total Fee (37 CFR 3.41): \$ 40.00 Enclosed Authorized to be charged to Deposit Account
CUSTOMER NUMBER: 25453	8. Deposit Account Number: 24-0025
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Statement and signature. To the best of my knowledge and belief, the fortrue copy of the original document.	oregoing information is true and correct and any attached copy is a
Name of Person Signing Jeannette M. Walder	Signatura Connector along
Date April 21, 2006	Yotal number of pages comprising cover sheet 1 Rev 09/2003

PATENT REEL: 017520 FRAME: 0352

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12-13-2005



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US DEPARTMENT OF COMMERCE

Patont and Tragomark Office

Attorney Dockot Number 20040458-US-NP

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 - Ramesh Nagarajan
 - Zhigang Fan
 - 3. Shivang Patel

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METHOD FOR AUTOMATED IMAGE INDEXING AND

Xerox Corporation 800 Long Ridge Road P.O. Box 1600

Stamford, CT 06904-1600

Additional name(s) of c	onveying party	(ios)attached?

Assignment Execution Date(s):

Yes X No

Additional name(8) and address(es)attached? Title:

RETRIEVAL

Yes 🔀 No

3.	Nature of	Conveyance
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Assignment

__ Merger

Security Agreement Change of Name

Application number(s) or patent number(s):

1. 11/28/2005, 2. 11/28/2005, 3. 11/25/2005

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

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100 Clinton Avenue South Xerox Square 20th Floor Rochester, NY 14644

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Name of Person Signing Jeannette M. Walder

Date December 5, 2005

Total number of pages comprising cover sheet ${f T}$

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Shivang Patel

<u>ASSIGNMENT</u>

Attorney Docket No.: 20040458-US-NP

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled METHOD FOR AUTOMATED IMAGE INDEXING AND RETRIEVAL (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"),

which Application:	
is being executed concurrently herewith, was first executed on was filed on	ation(s) No(s). filed -
Xerox Corporation, a New York Corporation, on behalf representatives ("Xerox"), is entitled to all rights in tocoperation of the Inventor(s).	the Application and the invention(s), and the re-
For valuable consideration, the receipt of which is he assign(s), and transfer(s) to Xerox the entire and exclusion the Invention(s), in and for the United States, its tapplications, patents, design registrations and publicational priority rights under all present or future convention which priority is claimed in the Application; and	territories, and all foreign countries, including all ions obtained or derived therefrom, world wide, and as and treaties, and any provisional applications for
 (2) agree that Xerox may apply for and receive all force (3) agree to execute all papers and take all action requested by Xerox; and (4) authorize Xerox to subsequently enter the Appli entered above. 	ication Number on this Assignment, if not already
N. lone C. Ramesh Nagarajan	11 24 05 DATE
Zhigang Fan	DATE

DATE

Shivang Patel

ASSIGNMENT

Attorney Docket No.: 20040458-US-MP

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **METHOD FOR AUTOMATED IMAGE INDEXING AND RETRIEVAL** (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"),

inventions disclosed or claimed therein (the "Invention which Application:	ı(\$)"),
Is being executed concurrently herewith, was first executed on was filed on as Application Number claims the benefit of U.S. Provisional Appli	
Xerox Corporation, a New York Corporation, on beha representatives ("Xerox"), is entitled to all rights in cooperation of the inventor(s).	aff of itself, its successors and assigns, and its legatine Application and the Invention(s), and the ful
For valuable consideration, the receipt of which is has assign(s), and transfer(s) to Xerox the entire and exithe Invention(s), in and for the United States, its applications, patents, design registrations and publicated priority rights under all present or future convention which priority is claimed in the Application; and	clusive right, title and interest in the Application and territories, and all foreign countries, including all itions obtained or derived therefrom, world wide, and
 agree that Xerox may apply for and receive all for (3) agree to execute all papers and take all action requested by Xerox; and 	ue all U.S. Letters Patent granted thereon to Xerox; reign Letters Patent thereon; ins necessary or desirable in connection therewith flication Number on this Assignment, if not already
Ramesh Nagarajan	DATE
Higgs To	11/28/05
Zhigang Fan	DATE

DATE

1 510 3556446 PAGE: 01 OF 001 11/27/2005 4: PM BROM: Fax TO:

ASSIGNMENT

Attorney Docket No.: 20040458-US-NP

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M is being executed concurrently herewith. ☐ was first executed on ☐ was filed on — as Application Number ☐ claims the beneth of H.S. Provisional Application(s) No(s).	fried .
Xerox Corporation, a New York Corporation, on behalf of itself, its succe representatives ("Xerox"), is entitled to all rights in the Application and connection of the Inventor(s).	a the manner (a)
For valuable consideration, the recoipt of which is hereby acknowledged assign(s), and transfer(s) to Xerox the entire and exclusive right, title and the Invention(s), in and for the United States, its territories, and all applications, patents, design registrations and publications ubtained or	foreign countries, including at derived therefrom, would wide

applications to which priority is claimed in the Application; and (1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to Xerox

and all prights under all present or future conventions and treaties, and any provisional

- (2) agree that Xerox may apply for and receive all foreign Letters Patent thereon;
- (3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by Xerox, and
- (4) authorize Xerox to subsequently enter the Application Number on this Assignment, it not suready entered above

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Entering Police	ΌΑΥ F	Mary James

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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) 11/295,405		
	Additional numbers attached? 🔲 Yes 🔀 No	
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Patent Documentation Center	7. Total Fee (37 CFR 3.41); \$ 40.00	
Xerox Corporation	Enclosed	
100 Clinton Avenue South Xerox Square 20th Floor Rochester, NY 14644	Authorized to be charged to Deposit Account	
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Name of Person Signing Jeannette M. Walder	Signature Signature	
_{Date} April 21, 2006	Total number of pages comprising cover sheet 1 Rev 09/2003	

PATENT REEL: 017520 FRAME: 0357

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