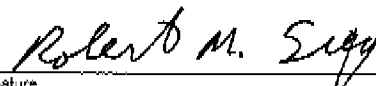


<b>RECORDATION FORM COVER SHEET</b> <span style="float: right; font-size: small;">U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office</span>	
<b>PATENTS ONLY</b> <span style="float: right; font-size: small;">Attorney Docket Number <b>20051926-US-NP (XERZ 201240)</b></span>	
To the Director of the U.S. Patent and Trademark Office: Please record the attached original assignment document.	
<b>1. Name of all Party(ies) conveying an interest/Execution Date(s):</b> 1. Agnes Guerraz 2. Caroline Privault 3. Cyril Goutte 4. Eric Gaussier 5. Francois Pacull 6. Jean-Michel Renders Assignment Execution Date(s): 1. May 23, 2006      4. May 12, 2006 2. May 11, 2006      5. May 12, 2006 3. May 11, 2006      6. May 12, 2006 Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and Address of receiving Party(ies):</b>  Xerox Corporation 800 Long Ridge Road P.O. Box 1600 Stamford, CT 06904-1600  Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of Conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Title: <b>HIERARCHICAL CLUSTERING WITH REAL-TIME UPDATING</b>	
<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date(s) of the application is/are: 1. _____ 4. _____ 2. _____ 5. _____ 3. _____ 6. _____  A. Patent Application No.(s) <u>11/391,864</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name and Address of party to whom correspondence concerning document should be mailed:</b> Patrick R. Roche, Esq. FAY, SHARPE, FAGAN, MINNICH & MCKEE, LLP 1100 Superior Avenue - 7 <sup>th</sup> Floor Cleveland, OH 44114-2579 (216) 861-5582 CUSTOMER NUMBER: 000062095	<b>6. Total number of applications and patents involved = 1</b>  <b>7. Total Fee (37 CFR 3.41): \$ 40.00</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to Deposit Account  <b>8. Deposit Account Number: 24-0037</b>
<b>DO NOT USE THIS SPACE</b>	
<b>9. Statement and signature.</b> <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> Name of Person Signing: Robert M. Sieg, Reg. No. 54,446 Date <u>June 1, 2006</u> <div style="text-align: right; margin-top: 10px;">           Signature          Total number of pages comprising cover sheet: <u>1</u> </div>	

Rev 09/2003

**Certificate of Mailing**

Under 37 C.F.R. § 1.8, I certify that this Recordation Form Cover Sheet and accompanying document(s) are being XX facsimile transmitted to Assignment Services Division, U.S. Patent and Trademark Office, at (571) 273-0140, on the date indicated below.

\_\_\_\_\_ deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated below and is addressed to US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, MAIL STOP Assignment Services Division.

Express Mail Label No. :

 Signature: Mary Ann Temesvari  
 Mary Ann Temesvari
Date: June 1, 2006

**ASSIGNMENT**

**Attorney Docket No.: 20051926-US-NP  
XERZ 2 01240**

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **HIERARCHICAL CLUSTERING WITH REAL-TIME UPDATING** (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 **March 29, 2006** as Application Number **11/391,864**.  
☐ claims the benefit of U.S. Provisional Application(s) No(s). / filed .

Xerox Corporation, a New York Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("Xerox"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to Xerox the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for 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;
- (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, if not already entered above.

\_\_\_\_\_  
Agnes Guerraz

Date May 23, 2006

\_\_\_\_\_  
Caroline Privault

Date May 11, 2006

\_\_\_\_\_  
Cyril Goutte

Date \_\_\_\_\_

\_\_\_\_\_  
Eric Gaussier

Date May 12, 2006

\_\_\_\_\_  
Francois Pacull

Date May 12, 2006

\_\_\_\_\_  
Jean-Michel Renders

Date May 12<sup>th</sup> 06

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\_\_\_\_\_  
Agnes Guerraz

Date \_\_\_\_\_

\_\_\_\_\_  
Caroline Privault

Date \_\_\_\_\_

\_\_\_\_\_  
Cyril Goutte

Date 11 May 2006

\_\_\_\_\_  
Eric Gaussier

Date \_\_\_\_\_

\_\_\_\_\_  
Francois Pacull

Date \_\_\_\_\_

\_\_\_\_\_  
Jean-Michel Renders

Date \_\_\_\_\_

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**PATENT****RECORDED: 06/01/2006****REEL: 017727 FRAME: 0278**