

## 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>Lauri J. Karttunen</td><td>12/16/2008</td></tr><tr><td>Ji Fang</td><td>12/17/2008</td></tr></tbody></table>	Name	Execution Date	Lauri J. Karttunen	12/16/2008	Ji Fang	12/17/2008	
Name	Execution Date						
Lauri J. Karttunen	12/16/2008						
Ji Fang	12/17/2008						
RECEIVING PARTY DATA							
Name:	Palo Alto Research Center Incorporated						
Street Address:	3333 Coyote Hill Road						
City:	Palo Alto						
State/Country:	CALIFORNIA						
Postal Code:	94304						
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>12338085</td></tr></tbody></table>	Property Type	Number	Application Number:	12338085			
Property Type	Number						
Application Number:	12338085						
CORRESPONDENCE DATA							
Fax Number:	(585)423-6059						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	585-423-4650						
Email:	usa.ogc.docket@xerox.com						
Correspondent Name:	PATENT DOCUMENTATION CENTER						
Address Line 1:	XEROX CORPORATION						
Address Line 2:	100 CLINTON AVENUE SOUTH, XEROX SQ. 20TH						
Address Line 4:	ROCHESTER, NEW YORK 14644						
ATTORNEY DOCKET NUMBER:	20071921Q-US-NP						
NAME OF SUBMITTER:	Caroline Benson						
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PATENT  
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## ASSIGNMENT

Attorney File No. 20071921Q-US-NP

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **REGION-MATCHING TRANSDUCERS FOR TEXT-CHARACTERIZATION** (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 \_\_\_\_\_ as Application Number \_\_\_\_\_  
☐ claims the benefit of U.S. Provisional Application(s) No(s). \_\_\_\_\_ filed \_\_\_\_\_.

Palo Alto Research Center Incorporated, a Delaware Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("PARC"), 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 PARC 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

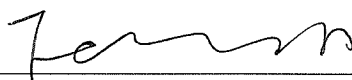
- (1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to PARC;
- (2) agree that PARC may apply for and receive all foreign Letters Patent thereon;
- (3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by PARC; and
- (4) authorize PARC to subsequently enter the Application Number on this Assignment, if not already entered above.



Lauri J. Karttunen

Dec 16, 2008

DATE



Ji Fang

Dec 17, 2008

DATE