Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Meng Yao	08/20/2009
John A. Handwork	08/26/2009
Xing Li	08/20/2009

RECEIVING PARTY DATA

Name:	Xerox Corporation	
Street Address:	45 Glover Avenue / P.O. Box 4505	
City:	Norwalk	
State/Country:	CONNECTICUT	
Postal Code:	06856-4505	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12548783

CORRESPONDENCE DATA

Fax Number: (216)363-9001

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 216-363-9000

Email: USPTO@FAYSHARPE.COM

Correspondent Name: FAY SHARPE / XEROX - ROCHESTER
Address Line 1: 1228 EUCLID AVENUE, 5TH FLOOR

Address Line 2: THE HALLE BUILDING
Address Line 4: CLEVELAND, OHIO 44115

ATTORNEY DOCKET NUMBER:	20081411-US-NP/XERZ202174
NAME OF SUBMITTER:	Jeffrey N. Zahn

Total Attachments: 3

source=20081411-US-NP_Assignment#page1.tif

PATENT REEL: 023157 FRAME: 0575 12548783

CH \$40.00

500947922

source=20081411-US-NP_Assignment#page2.tif source=20081411-US-NP_Assignment#page3.tif

PATENT REEL: 023157 FRAME: 0576

Attorney Docket No.: 20081411-US-NP XERZ 2 02174

ASSIGNMENT

The undersigned is/are the application entitled BITE SYSTEMS (the "Application which Application:		HANNELL	KAPPINU N	ie i rioda	. Arc		w
 is being executed was first executed was filed on claims the benefit 	i on as Applic of U.S. Pr	ation Number	olication(s) N	o(s).	1	filed	
Xerox Corporation, a New its legal representatives ("and the full cooperation of	York Corp Xerox*), is the invent	oration, on to entitled to a or(s).	ehalf of Itseli Il rights in the	i, its succ Applicat	essors Ion and	and assig the inve	i (tior (o))
For valuable consideration sell(s), assign(s), and train Application and the invercountries, including all application and any provision (1) request the U.S. Conto Xerox; (2) agree that Xerox may (3) agree to execute all therewith requested by authorize Xerox to surprise the conto and already entered above.	ester(s) to x ntion(s), in plications, vide, and a nal application resioner responder	derox the enderox the and for the patents, determined in priority rigit one for which of Patents to the receive and take all and	united State of United State of United State of	es, its te lone and present o aimed in S. Letters ters Pater ssary or	rritories publica r future the App Patent there desirat	tions obtained obtained on; on; on corrections on;	foreign ained or ons and and thereon
Mena Vao							
Meng Yao	Date	3/20/2009					
John A. Handwork	Date						
Xing Li	Date						

PATENT

REEL: 023157 FRAME: 0577

Attorney Docket No.: 20081411-US-NP **XERZ 2 02174**

<u>ASSIGNMENT</u>
The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled BITMAPPED BASED TRAPPING METHODS, APPARATUS AND SYSTEMS (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).
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.
Meng Yao
Date

Xing Li Date ____

REEL: 023157 FRAME: 0578

Attorney Docket No.: 20081411-US-NP XERZ 2 02174

ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **BITMAPPED BASED TRAPPING METHODS, APPARATUS AND SYSTEMS** (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).	1	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.

<u> </u>	
Meng Yao	Date
John A. Handwork	Date
~	21
Xing Li	Date 8/20/09

C\\Documents and Settings\\xIi\\Local Settings\\Temporary Internet Files\\OLK1F2\\20081411-US-NP_Assignment.doc PATENT

RECORDED: 08/27/2009 REEL: 023157 FRAME: 0579