

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Amal MALIK</td> <td>07/10/2012</td> </tr> <tr> <td>Xing LI</td> <td>07/12/2012</td> </tr> <tr> <td>Zhenhuan WEN</td> <td>07/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Amal MALIK	07/10/2012	Xing LI	07/12/2012	Zhenhuan WEN	07/12/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>XEROX CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>45 GLOVER AVENUE, P.O. BOX 4505</td> </tr> <tr> <td>City:</td> <td>NORWALK</td> </tr> <tr> <td>State/Country:</td> <td>CONNECTICUT</td> </tr> <tr> <td>Postal Code:</td> <td>06856-4505</td> </tr> </table>		Name:	XEROX CORPORATION	Street Address:	45 GLOVER AVENUE, P.O. BOX 4505	City:	NORWALK	State/Country:	CONNECTICUT	Postal Code:	06856-4505
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (703)770-7901</p> <p>Phone: 703-770-7900</p> <p>Email: allison.douglas@pillsburylaw.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Bryan P. Collins</p> <p>Address Line 1: 1650 Tysons Boulevard, Suite 1400</p> <p>Address Line 4: McLean, VIRGINIA 22102</p>											
ATTORNEY DOCKET NUMBER:	20101566QUSNP/89382404470										
NAME OF SUBMITTER:	Bryan P. Collins										
<p>Total Attachments: 2</p> <p>source=089382-0404470_Assignment#page1.tif</p> <p>source=089382-0404470_Assignment#page2.tif</p>											

CH \$40.00 13547875

ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **ISOLATED HOLE DETECTION AND GROWTH** (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 _____

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.

Amal Malik
 Amal MALIK

07-10-12
 DATE

 Xing LI

 DATE

 Zhenhuan WEN

 DATE

ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **DOT GROWTH SYSTEM AND METHOD** (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 _____.

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).

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- (1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to Xerox;
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