

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4101278

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	XEROX CORPORATION	09/28/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SAMSUNG ELECTRONICS CO., LTD.	
<b>Street Address:</b>	33, SEONGCHON-GIL, SEOCHO-GU	
<b>City:</b>	SEOUL	
<b>State/Country:</b>	KOREA, REPUBLIC OF	
<b>Postal Code:</b>	06765	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Patent Number:	8977004
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(202)293-7860	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	2022937060	
<b>Email:</b>	sughrue@sughrue.com, icontreras@sughrue.com	
<b>Correspondent Name:</b>	SUGHRUE MION, PLLC	
<b>Address Line 1:</b>	2100 PENNSYLVANIA AVE. NW, SUITE 800	
<b>Address Line 4:</b>	WASHINGTON, D.C. 20037-3213	
<b>ATTORNEY DOCKET NUMBER:</b>	027616	
<b>NAME OF SUBMITTER:</b>	INGRID CONTRERAS, TEAMS DEPT.	
<b>SIGNATURE:</b>	/Ingrid Contreras/	
<b>DATE SIGNED:</b>	10/18/2016	
<b>Total Attachments: 2</b>		
source=027616Assignmentasfiled#page1.tif		
source=027616Assignmentasfiled#page2.tif		

#### PATENT ASSIGNMENT

WHEREAS, Xerox Corporation, a New York corporation with offices at 45 Glover Ave., Norwalk, CT 06856 ("Seller") is the sole and exclusive owner of the patent and patent application listed in Attachment 1 (the "Patents"); and


WHEREAS, Samsung Electronics Co. Ltd., a Korean corporation with a principal place of business at 33, Seongchon-gil, Seocho-gu, Seoul, Korea 06765 ("Purchaser") desires to acquire all right, title and interest in, to and under the said Patents;

NOW, THEREFORE, for good and valuable consideration the sufficiency of which is acknowledged by the parties:

Seller does hereby irrevocably and perpetually assign, convey, and transfer to Purchaser, all of Seller's right, title and interest throughout the world, in and to the Patents, all of which are to be held and enjoyed by Purchaser for its own use and enjoyment, and except as otherwise explicitly agreed and acknowledged in writing between the parties, for the use and enjoyment of its successors, assigns or other legal representatives, to the end of the term or terms for which the Patents are or may be granted, reissued or extended as fully and entirely as the same would have been held and enjoyed by Seller, if this assignment and sale had not been made; together with all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents, including, without limitation, all causes of action and other enforcement rights for (i) damages, (ii) injunctive relief, and (iii) any other remedies of any kind for past, current and future infringement, and all rights to collect royalties or other payments under or on account of any of the Patents, all for Purchaser's own use and behalf, and for the use and behalf of its successors, assigns or other legal representatives.

Seller hereby authorizes and requests the Commissioner of Patents and Trademarks, or an equivalent officer in any jurisdiction in which a Patent may have issued, to issue any and all Letters Patent on said inventions to Purchaser as assignee of the entire interest, and hereby covenants that Seller has full right to convey the entire interest herein assigned, and that, except as otherwise explicitly agreed and acknowledged in writing between the parties, Seller has not executed, and will not execute, any agreements in conflict therewith.

XEROX CORPORATION

By: David J. Arthur  
Title: Associate General Patent Counsel  
Signature:   
Date: 2016 / SEPT. 28

**ATTACHMENT 1**

PATENT [PUBLICATION] NUMBER	APPLICATION NUMBER	COUNTRY CODE	TITLE
US8977004 [B2]	13/710974	US	METHODS AND SYSTEMS FOR VASCULAR PATTERN LOCALIZATION USING TEMPORAL FEATURES
DE102013223850 [A1]	102013223850.9	DE	METHODS AND SYSTEMS FOR VASCULAR PATTERN LOCALIZATION USING TEMPORAL FEATURES