Xerox Docket No. 20120490-US-NP

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				Attorney Docket No.	154467	
	Please record the attached original documents or copy thereof.					
1.	A. Name of conveying parties:	Name of conveying parties:		of receiving party:		
	<ol> <li>Yiliang WU</li> <li>Anthony James WIGGLESWORTH</li> <li>Ping LIU</li> </ol>		XEROX CORPORATION 45 Glover Avenue P.O. Box 4505 Norwalk, Connecticut 06856-4505			
	B. Additional name(s) of conveying pattached? ☐ Yes ☒ No	oarty(ies)				
3.	A. Nature of conveyance:		B. Additional name(s) & address(es) attached?		?	
	☑ Assignment ☐ Mer	ger		Yes 🛭 No		
	Security Agreement Char	ngc of Name				
	Other	!				
	B. Execution Date: ALL) Decemb	er 5, 2012				
4.	☐ This document is being filed toget  A. Patent Application No. 13/706	• 1	plication.  B. Patent No.			
	Additional numbers attached?  Yes  No					
	C. Title of Application: SEMICONDI DIKETOPYI	UCTOR COMPO	SITES COMPRISING CA LE-THIOPHENE BASED (	RBON NANOTUBES <u>A</u> OPOLYMERS	AND	
	D. This Assignment is submitted for a dual purpose: (1) recording in the assignment database; and (2) for use in the above-identified application as the oath or declaration pursuant to 37 CFR 1.63(c).					
5.	Name and address of party to whom concorning document should be mailed		6. Total number of appl	ications and patents invo	olved: <u>1</u> .	
	James A. Oliff		7. Total fee (37 CFR 3.4	11)\$ <u>40.00</u>		
	OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850	)	Charge to Deposit Ac	count No. 24-0037		
			Credit any overpayments     filing to deposit according	ent or charge any underpunt number 24-0037.	payment for this	
9.	Statement and signature. To the best of my knowledge and belief, the original document.	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			rue copy of the	
	James A. Oliff, Registration No. 27,075 Kara K. Verryt, Registration No. 68,370	***************************************	Date: D	ecember 6, 2012		
1.0	anno an Total of anglishmone and Odd /V			Total number of pages:	2	

PATENT REEL: 029458 FRAME: 0235

Attorney File No.: 154467

## **ASSIGNMENT**

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled <u>SEMICONDUCTOR COMPOSITES COMPRISING CARBON NANOTUBES AND DIKETOPYRROLOFYRROLE-THIOPHENE BASED COPOLYMERS</u> (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

Ø	is being executed concurrently herewith,	
	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.

h/a s	
Yiliang Wu	DATE
	Dec 5,2012.
Anthony James Wigglesworth	DATE
	DATE
Ping Liu	DATE
Ling Lin	Pec. 5, 2012
1	DATE

PATENT REEL: 029458 FRAME: 0236