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SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY DATA							
N			lame	Execution Date			
Hui Liu				10/04/2006			
Bin Liu				10/04/2006			
RECEIVING PARTY DATA							
Name:	Washington, University of						
Street Address:	4311 11th Avenue NE						
Internal Address:	Suite 500						
City:	Seattle						
State/Country:	WASHINGTON						
Postal Code:	98105-4608						
PROPERTY NUMBERS Total: 1 Property Type Application Number: 11544		11544	Number 273				
CORRESPONDENCE DATA							
Fax Number:(206)224-0779Correspondence will be sent via US Mail when the fax attempt is unsuccessful.Phone:(206)682-8100Email:efiling@cojk.comCorrespondent Name:Ryan E. Dodge, Jr., Esq.Address Line 1:Christensen O'Connor Johnson KindnessAddress Line 2:1420 Fifth Avenue, Suite 2800Address Line 4:Seattle, WASHINGTON 98101-2347							
ATTORNEY DOCKET NUMBER:			UWSCV-1-27879				
NAME OF SUBMITTER:		Ryan E. Dodge, Jr.					
Total Attachments: 2 source=27879_Assignment#page1.tif PATENT							

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PATENT REEL: 018519 FRAME: 0175

PATENT REEL: 018519 FRAME: 0176

Co-Inventor's ASSIGNMENT of PATENT(S) to the UNIVERSITY OF WASHINGTON

Attorney Docket No. UWSCV-1-27879 Tech ID: 4049-INV-0001P.1US

WHEREAS, I, **Hui Liu** (hereinafter referred to as ASSIGNOR), having a post office address of 8629 NE 26th Place, Clyde Hill, Washington 98004, am a co-inventor in the INVENTION(S) referred to as **"DIRTY PAPER PRECODING WITH KNOWN INTERFERENCE STRUCTURE AT RECEIVER,"** as described and claimed in a specification for which a U.S. PATENT application is in process assigned Serial No. <u>11/544,273</u> and a filing date of <u>October 6, 2006</u>;

WHEREAS, the UNIVERSITY OF WASHINGTON (hereinafter referred to as ASSIGNEE), a public institution of higher education having a place of business at Seattle, Washington is desirous of acquiring the ASSIGNOR'S entire right, title and interest in and to the INVENTION(S) and in and to any letters PATENT(S) that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto ASSIGNEE the ASSIGNOR'S entire right and title to and interest in said application and said INVENTION(S) for the United States of America and its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all letters PATENT(S) which may be granted therefor in the United States of America and its territorial possessions and an any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to claim priority rights deriving from said United States application by virtue of the International Convention, said INVENTION(S) and all applications and PATENT(S) on said INVENTIONS(S) to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by ASSIGNOR had this sale, assignment and transfer not been made. ASSIGNOR hereby authorizes and requests the Director of the Patent and Trademark Office to issue all letters PATENT(S) on said INVENTION(S) to ASSIGNEE. ASSIGNOR hereby further agrees and promises to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said INVENTION(S), to enforce any and all PATENT(S) on said INVENTION(S), and to confirm in ASSIGNEE legal title to said INVENTION(S) and all applications and PATENT(S) on said INVENTION(S), all without charge to ASSIGNEE but at no expense to ASSIGNOR. 1

	Hui Liu	$\frac{10/4/0}{\text{Date}}$
STATE OF WASHINGTON)	-	
County of KING) ss		
On this 47H day of OctoBER	2006, HUI LIU	personally appeared before me and
executed the foregoing document.	(SEAL)	
Signature of Notary Public		Notary Public State of Washington
Typed or Printed Name of Notary Public:		BRAD F GILES
Notary Public in and for the State of <u>WA</u> : Residing at: <u>LYNAWOD</u> WA	My Appointment Expires May 4, 2009	
My Commission expires: $0 \le 0 \le 10 \le 22$	21	

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PATENT REEL: 018519 FRAME: 0177

Co-Inventor's ASSIGNMENT of PATENT(S) to the UNIVERSITY OF WASHINGTON

Attorney Docket No. UWSCV-1-27879 Tech ID: 4049-INV-0001P.1US

WHEREAS, I, Bin Liu (hereinafter referred to as ASSIGNOR), having a post office address of 4228-144th Lane SE, Bellevue, Washington 98006, am a co-inventor in the INVENTION(S) referred to as **"DIRTY PAPER PRECODING WITH KNOWN INTERFERENCE STRUCTURE AT RECEIVER,"** as described and claimed in a specification for which a U.S. PATENT application is in process assigned Serial No. <u>11/544.273</u> and a filing date of <u>October 6, 2006</u>;

WHEREAS, the UNIVERSITY OF WASHINGTON (hereinafter referred to as ASSIGNEE), a public institution of higher education having a place of business at Seattle, Washington is desirous of acquiring the ASSIGNOR'S entire right, title and interest in and to the INVENTION(S) and in and to any letters PATENT(S) that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto ASSIGNEE the ASSIGNOR'S entire right and title to and interest in said application and said INVENTION(S) for the United States of America and its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all letters PATENT(S) which may be granted therefor in the United States of America and its territorial possessions and an any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to claim priority rights deriving from said United States application by virtue of the International Convention, said INVENTION(S) and all applications and PATENT(S) on said INVENTIONS(S) to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by ASSIGNOR had this sale, assignment and transfer not been made. ASSIGNOR hereby authorizes and requests the Director of the Patent and Trademark Office to issue all letters PATENT(S) on said INVENTION(S) to ASSIGNEE. ASSIGNOR hereby further agrees and promises to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said INVENTION(S), to enforce any and all PATENT(S) on said INVENTION(S). and to confirm in ASSIGNEE legal title to said INVENTION(S) and all applications and PATENT(S) on said INVENTION(S), all without charge to ASSIGNOEE but at no expense to ASSIGNOR.

10/04/06 Date

STATE OF WASHINGTON)	
) ss	
County of KING)	
On this 4th day of OctoBer 2006, BIN LIU	personally appeared before me
and executed the foregoing document.	
(SEAL)	
Signature of Notary Public	Tanananan
	Materia D. I. N.
Typed or Printed Name of Notary Public: BRAD F. GILES	Notary Public State of Washington BRAD F GILES
Notary Public in and for the State of WASHINGTON	My Appointment Explain May 4, 2009
Residing at:WA	
My Commission expires:OS/04/2009	A state of the sta
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PATENT REEL: 018519 FRAME: 0178

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