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1-31-92	06-19-		U.S. DEPARTMENT OF COMMERSE Patent and Trademark Office	
			Attorney Docket No.: UNIX0166	
	10247			
To the Honorable Commissioner of the Pat			attached original document(s) or copy thereof.	
1. Name of conveying party(ies): 6-11-3  Yongmin Kim		2. Name and a	address of receiving party(ies):	
		Name: Address:	University of Washington	
Additional name(s) of conveying party(ies) attached?   Yes   No		Aduless.	Seattle, Washington 98195	
		Additional name(s)	and address(es) attached? ☐ Yes ☒ No	
3. Nature of conveyance:  ☐ Assignment ☐ Merger  Execution Date(s): April 30, 2003	Security Agreement	☐ Change of Name	e Other	
<ul><li>4. Application number(s) or Patent nu</li><li>A. Patent Application Number(s):</li></ul>	mber(s):	B. Patent Num	. = -	
	Additional numbers	attached? ☐ Yes 🗵	No	
If this document is being filed together with a				
5. Name and address of party to whom co concerning document should be mailed		6. Total number of	applications and patents involved? 1	
concerning document should be ma	neu.	7. Total fee (37 C.	F.R. § 3.41): \$_40	
Law Offices of Ronald M. A 600 - 108 <sup>th</sup> Avenue N.E., S Bellevue, WA 9800 (425) 688-8816	uite 507	enclosed. The I	is included in check No. (??23, which is Director is authorized to charge any fees that may redit any overpayment to Deposit Account No. 01-	
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9. Statement and signature:				
To the best of my knowledge and be original document.	lief, the foregoing inform	_	ect and any attached copy is a true copy of the	
Ronald M. Anderson	Non	ander	<b>son</b> June 11, 2003	
Name of Attorney or Agent Registration No. 28,829	, -	ignature	Date	
	EXPRESS MA	IL CERTIFICATE		
Express Mail Label No. EV2 I hereby certify that this paper or fee is bein under 37 C.F.R. § 1.10 on the date indicated at the content of person mailing paper/fee)	289321477US g deposited with the Unite above and is addressed to $\frac{1}{2}$	ed States Postal Serv the Commissioner for	Date of Deposit: June 11, 2003 ice "Express Mail Post Office to Addressee" service Patents, Alexandria, Virginia 22313-1450.	
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PATENT REEL: 014174 FRAME: 0902

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

Attorney Docket No. UNIV0166
Tech ID: 2675-3642DL

WHEREAS, I, Yongmin K im (hereinafter referred to as ASSIGNOR) having a post office address of 4431 NE 189<sup>th</sup> Place, Seattle, Washington 98155, am a co-inventor in the INVENTION(S) referred to as "ELIMINATING THE OVERHEAD OF SETUP AND PIPELINE DELAYS IN DEEP-PIPELINED ARCHITECTURES" as described and claimed in a specification for which a U.S. PATENT application is filed concurrently herewith;

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 bu	t at no expense to	o ASSIGNOR.
Yongmin Kim	F	$\frac{4/30/03}{\text{Date}}$
County of Ling ss		
On this 30 day of April me and executed the foregoing document.	2003, Yongmin	K im p ersonally a ppeared b efore
Signature of Notary Public MICHAEL L. GETE ON 1	(SEAL)	)
Syped or Printed Name of Notary Public Notary Public in and for the State of WASHINGTOW		
Residing at: SEATTLE, WA		
My Commission expires: 30 Nov 2004		

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PATENT
RECORDED: 06/11/2003 REEL: 014174 FRAME: 0903