FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

Attorney Docket No.: 329749.01

# **RECORDATION FORM COVER SHEET PATENTS ONLY**

To the Commissioner of Patents:

Please record the attached original signed documents of	or copy thereof.
1. Name of conveying partie(ies): Weirong Zhu; Lingli Zhang; Sukhdeep S. Sodhi; and Yosseff Levanoni	2. Name and address of receiving party(ies)  Microsoft Corporation Law and Corporate Affairs Department One Microsoft Way Redmond, WA 98052
Additional name(s) of conveying party(les) attached? <b>No</b>	Additional name(s) and address(es) attached? <b>No</b>
3. Nature of conveyance:	
X Assignment	
Execution Date(s): 06/18/2010; 06/18/2010; 06/18/2	
4. Application number(s) or patent number(s):	
A. Patent Application No(s). B. Pa 12/820,240	atent No(s).
Additional number(s) attached? <b>No</b>	
5. Name and address of party to whom correspond concerning document should be mailed:	lence 6. Total number of applications and patents involved: 1
Customer No. 60216	7. Total fee (37 C.F.R. 3.41): \$40.00
Customer No. 69316	Enclosed
Dicke, Billig & Czaja, PLLC	Authorized to be charged to Deposit Account No. 50047
Suite 2250 100 South Fifth Street	8. Deposit Account No. 500471
100 30um Film Street	(Attack duplicate convent ble page if paying by deposit account)

### DO NOT USE THIS SPACE

9. Statement and Signature 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 original document.

Name of Person Signing: Christopher P. Kosh

Minneapolis, Minnesota 55402

Signature: /Christopher P. Kosh/

(Attach duplicate copy of this page if paying by deposit account)

Total number of pages comprising cover sheet: 7

PATENT

700439642

Date: June 22, 2009

**REEL: 024578 FRAME: 0015** 

PATENT ASSIGNMENT

MS Docket No.: 329749.01

I/WE, Weirong Zhu, Lingli Zhang, Sukhdeep S. Sodhi and Yosseff Levanoni ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " BINDING DATA PARALLEL DEVICE SOURCE CODE" ("APPLICATION"), which:

M	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR
	hereby authorizes, and requests, ASSIGNEE'S legal representatives, of
	the Law and Corporate Affairs Department, Microsoft Corporation, One
	Microsoft Way, Redmond, Washington 98052, who are associated with
	customer number 69316, to insert here in parenthesis (Application No.
	$\underline{12/820,240}$ , filed $\underline{06/22/2010}$ ) this APPLICATION's Application No. and
	filing date, when known;
	was filed on and was given Application No;
	is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

06/18/2010
Date
上朱 伟菜
Printed Name in Native Language (if other than English)

Page 1 of 2

PATENT ASSIGNMENT MS Docket No.: 329749.01

ac-	6/18/2013
Inventor's Signature	Date
Lingli Zhang	张玲莉
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Sukhdeep S. Sodhi	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Yosseff Levanoni	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 329749.01

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Inventor's Signature	Date
Weirong Zhu	
Printed Name in English	Printed Name in Native Language (if other than English)

Page 1 of 2

Printed Name in English

PATENT ASSIGNMENT MS Docket No.: 329749.01

nventor's Signature	Date		
_ingli Zhang			
Printed Name in English	Printed Name in Native Language (if other than English)		
	06/18/2010 Date		
Inventor's Signature			
Inventor's Signature  Sukhdeep S. Sodhi  Printed Name in English			

Page 2 of 2

Printed Name in Native Language (if

other than English)

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	Printed Name in English	Printed Name in Native Language (if
-1	Representation of the control of the	other than English)

Page 1 of 2

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Inventor's Signature	Date	etari errin errin tilania ililania taminya malamba arrana mpili uri kansalay har aya yayan ayayay.
Lingli Zhang		
Printed Name in English	Printed Nam other than E	e in Native Language (if nglish)
		Стоти и болово на под
Inventor's Signature Sukhdeep S. Sodhi	Date	
Printed Name in English	Printed Nam other than E	e in Native Language (if nglish)
1708	6-2	1-2016
Inventor's Signature	Date	
Yosseff Levanoni	may be a summer	15 577
Printed Name in English	Printed Nam	e in Native Language (if

Page 2 of 2