Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tianchi Ma	07/09/2007
Jun Su	07/09/2007
Mingqiang Xu	07/10/2007
Yun Jin	07/06/2007

RECEIVING PARTY DATA

Name:	Microsoft Corporation
Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11776229

CORRESPONDENCE DATA

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Address Line 4: St. Louis, MISSOURI 63102

ATTORNEY DOCKET NUMBER:	MS#320326.01 (5406)
NAME OF SUBMITTER:	Tan-Chi Yuan

PATENT REEL: 019547 FRAME: 0912

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Total Attachments: 3 source=00483672#page1.tif source=00483672#page2.tif source=00483672#page3.tif

> PATENT REEL: 019547 FRAME: 0913

M\$ Docket No. 320326.01 OC Docket No. MSFT 5406

PATENT ASSIGNMENT			
I/WE, Tianchi Ma, Jun Su, Mingqiang Xu, and Yun Jin ("ASSIGNOR"), have			
invented subject matter ("INVENTION") disclosed and/or claimed in a patent application			
entitled "TRANSPARENTLY EXTERNALIZING PLUG-IN COMPUTATION TO CLUSTER"			
("APPLICATION"), which:			
will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR			
hereby authorizes, and requests, ASSIGNEE'S legal representatives, of			
SENNIGER POWERS, who are associated with customer number	٠.		
000038779, to insert here in parenthesis (U.S. Serial No. $\coprod\coprod\coprod\coprod$	1		
filed July 11, 2007) this APPLICATION's U.S. Serial Number and			
filing date, when known;			
was filed on, and was given U.S. Serial 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).			
July 9, 2007			
DATE Tianchi Ma			
T. 14.9.2007			
DATE Jun Su			
• • • • • • • • • • • • • • • • • • • •			
DATE Mingqiang Xu			
DATE Vite lie			
DATE Yun Jin			

ATY/tmg

MS Docket No. 320326.01 OC Docket No. MSFT \$406

PATENT ASSIGNMENT

I/WE, Tianchi Ma, Jun Su,	Mingqiang Xu, and Yun Jin ("ASSIGNOR"), have
invented subject matter ("INVENTION")	disclosed and/or claimed in a patent application
entitled "TRANSPARENTLY EXTERNALIZ	ING PLUG-IN COMPUTATION TO CLUSTER"
("APPLICATION"), which:	
will be filed without	this executed PATENT ASSIGNMENT. ASSIGNOR
hereby authorizes, a	nd requests, ASSIGNEE'S legal representatives, of
SENNIGER POWERS, v	who are associated with customer number
000038779, to inser	t here in parenthesis (U.S. Serial No. 1114)
filed July 11, 2007) this APPLICATION's U.S. Serial Number and
filing date, when kno	own;
was filed on	and was given U.S. Serial No;
\square 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
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applications, in and for the United Stat	tes, its territories, and all foreign countries
("APPLICATION DERIVATIVES"));	
For good and valuable co	onsideration, the receipt of which is hereby
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the APPLICATION (and APPLICATION D	ERIVATIVES);
ASSIGNOR agrees to exec	cute all instruments and documents required for
the making and prosecution of the APF	PLICATION (and APPLICATION DERIVATIVES), for
litigation regarding letters patent deriv	ved therefrom, and for the purpose of protecting
and perfecting title to the APPLICATIO	N (and APPLICATION DERIVATIVES).
DATE	
DATE	Tianchi Ma
DATE	Jun Su
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7/10/07	thing seeing for
DATE	Mingqiang Xu
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ect v g tay	Yun Jin

PATENT REEL: 019547 FRAME: 0915 MS Docket No. 320326.01 OC Docket No. MSFT 5406

PATENT ASSIGNMENT

I/WE, Tiano	hi Ma, Jun Su, I	Mingqiang Xu, and Yun Jin ("A\$\$IC	SNOR"), have
invented subject matter	("INVENTION") :	disclosed and/or claimed in a pat	ent application
entitled "TRANSPARENTL	Y EXTERNALIZI	ING PLUG-IN COMPUTATION TO C	LUSTER"
("APPLICATION"), which:			
🔀 will be	filed without t	his executed PATENT ASSIGNMEN	T. ASSIGNOR
hereby	authorizes, an	nd requests, ASSIGNEE'S legal repr	esentatives, of
•	•	ho are associated with customer r	· ·
		here in parenthesis (U.S. Serial N	
filed 🜙	W/4 11, 200	1) this APPLICATION's U.S. Seria	Number and
filing d	late, when know	wn;	
was file	e d on	and was given U.S. Serial No.	,
☐ is filed	concurrently h	herewith;	
Microsoft C	Corporation, a V	Washington Corporation, on behal	f of itself and
its successors and assign	ns ("ASSIGNEE")), is entitled to, and is desirous of	acquiring, the
entire and exclusive righ	ts, title and int	terest in the INVENTION and the A	PPLICATION
(and all other application	is and patents	derived therefrom, such as contin	uing
applications, in and for t	he United State	es, its territories, and all foreign c	ountries
("APPLICATION DERIVATI	VES"));		
For good a	nd valuable cor	nsideration, the receipt of which is	s hereby
acknowledged by the AS:	SIGNOR, the AS	SSIGNOR hereby sells, assigns and	transfers to
the ASSIGNEE, the entire	and exclusive	rights, title and interest in the INV	/ENTION and
the APPLICATION (and Ai		-	
		ute all instruments and document	s required for
	_	LICATION (and APPLICATION DERI	·
-	;	ed therefrom, and for the purpose	
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DATE		Tianchi Ma	
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DATE	;	Jun Su	
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DATE		Mingqiang Xu	
7/6/2007		AND	
DATE		Yun Jin	_
DATE		1 411 5111	
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RECORDED: 07/12/2007

PATENT REEL: 019547 FRAME: 0916