Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Bin Zhu	04/08/2008
Min Feng	04/08/2008
Aimin Pan	04/08/2008
Yuan Kong	04/08/2008
Nathan C. Sherman	04/09/2008
Hui Fan	04/09/2008
Rui Guo	04/08/2008
Josh Benaloh	04/08/2008

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:	12101166

CORRESPONDENCE DATA

500615760

Fax Number: (425)936-7329

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 425-707-2290

Email: dbouton@microsoft.com

Correspondent Name: Dianne Bouton One Microsoft Way Address Line 1:

Redmond, WASHINGTON 98052 Address Line 4:

ATTORNEY DOCKET NUMBER: 322924.01

NAME OF SUBMITTER:	Steven Spellman
Total Attachments: 10	
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Date

MS Docket No. 322924.01

PATENT ASSIGNMENT

AMA D' D ' ' Zhou Min Famon Ainnin D	Inn Vicen Kenn Nethen C. Chemen III Sen	
I We, Bin Benjamin Zhu, Min Feng, Aimin Pan, Yuan Kong, Nathan C. Sherman, Hui Fan,		
Rui Guo And Josh Benaloh ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SECURITY-ENHANCED LOG IN"		
("APPLICATION"), which:		
**	ited 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 paren	thesis (Application No. $\underline{^{12/101,166}}$, filed	
$\phantom{00000000000000000000000000000000000$	s Application No. and filing date, when	
known;		
was filed on and v	vas given Application No;	
\square is filed concurrently herewith;		
Microsoft Corporation, a Washin	gton Corporation, on behalf of itself and its	
successors and assigns ("ASSIGNEE"), is entitle		
	NVENTION and the APPLICATION (and all other	
applications and patents derived therefrom, s	<u> </u>	
United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));		
_	tion, 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);		
	instruments and documents required for the	
making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation		
	d for the purpose of protecting and perfecting	
title to the APPLICATION (and APPLICATION DI	ERIVATIVES):	
4/8/2008	B 5	
Date	Bin Benjamin Zhu	
4/8/2008	Min Feng	
Date	Min Feng	
4/8/2008	armin Dan	
Date	Aimin Pan	

Page 1 of 2

Yuan Kong

Date	Nathan C. Sherman
Date	Hui Fan
4/8/2008	Rui Guo
Date	Rui Guo
Date	losh Benaloh

MS Docket No. 322924.01

PATENT ASSIGNMENT

I/WE, Bin Zhu, Min Feng, Aimin Pan, Yuan Kong, Nathan C. Sherman, Hui Fan,

Rui Guo And Jo	osh Benaloh ("ASSIGNOR"), have invente	d subject matter ("INVENTION")		
disclosed and/o	or claimed in a patent application entit	led "SECURITY-ENHANCED LOG IN"		
("APPLICATION"	"), which:			
X	$oldsymbol{I}$ will be filed without this executed PAT	TENT ASSIGNMENT. ASSIGNOR hereby		
	authorizes, and requests, ASSIGNEE'S	legal representatives, of the Law and		
	Corporate Affairs Department, Micros	oft Corporation, One Microsoft Way,		
	Redmond, Washington 98052, who ar			
	69316, to insert here in parenthesis (Application No. $\underline{^{12/101,166}}$, filed		
	04/11/2008 this APPLICATION's Applic	ation No. and filing date, when		
	known;			
	was filed on and was give	n Application No;		
	is filed concurrently herewith;			
М	licrosoft Corporation, a Washington Co	rporation, on behalf of itself and its		
successors and	l assigns ("ASSIGNEE"), is entitled to, ar	d is desirous of acquiring, the entire		
and exclusive ri	ights, title and interest in the iNVENTIC	ON and the APPLICATION (and all other		
applications and	applications and patents derived therefrom, such as continuing applications, in and for the			
United States, it	its territories, and all foreign countries	("APPLICATION DERIVATIVES"));		
Fo	or good and valuable consideration, the	e receipt of which is hereby		
acknowledged b	by the ASSIGNOR, the ASSIGNOR hereb	y sells, assigns and transfers to the		
ASSIGNEE, the e	entire and exclusive rights, title and int	erest in the INVENTION and the		
APPLICATION (a	and APPLICATION DERIVATIVES);			
AS	SSIGNOR agrees to execute all instrum	ents and documents required for the		
• •	osecution of the APPLICATION (and APF	_		
regarding letter	rs patent derived therefrom, and for th	e purpose of protecting and perfecting		
title to the APPL	LICATION (and APPLICATION DERIVATI)	/ES).		
Date	Bin Zh	u		
	Min Fo			
Date	Min Fe	ng		
Date	Aimin	Pan		
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Date	Yuan K	ong		
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Page 1 of 2

Date	Nathan C. Sherman
Date	Hui Fan
Date	Rui Guo
Date	Josh Benaloh

REEL: 021359 FRAME: 0607

PATENT ASSIGNMENT

i/WE, Bin Zhu, Min Feng, Ai	min Pan, Yuan Kong, Nathan C. Sherman, Hui Fan,			
Rui Guo And Josh Benaloh ("ASSIGNOR"),	have invented subject matter ("INVENTION")			
disclosed and/or claimed in a patent application entitled "SECURITY-ENHANCED LOG IN"				
("APPLICATION"), which:				
·	executed PATENT ASSIGNMENT. ASSIGNOR hereby			
	s, ASSIGNEE'S legal representatives, of the Law and			
•	ment, Microsoft Corporation, One Microsoft Way,			
,	8052, who are associated with customer number			
	parenthesis (Application No, filed			
	TION's Application No. and filing date, when			
known;				
□ was filed on	and was given Application No;			
\square is filed concurrently here	ewith;			
Microsoft Corporation, a W	ashington 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 forei	gn countries ("APPLICATION DERIVATIVES"));
			For good and valuable cons	sideration, the receipt of which is hereby
acknowledged by the ASSIGNOR, the ASS	IGNOR hereby sells, assigns and transfers to the			
ASSIGNEE, the entire and exclusive rights	s, title and interest in the INVENTION and the			
APPLICATION (and APPLICATION DERIVA	TIVES);			
ASSIGNOR agrees to execu	te all instruments and documents required for the			
_	TION (and APPLICATION DERIVATIVES), for litigation			
,	m, and for the purpose of protecting and perfecting			
title to the APPLICATION (and APPLICATION)				
title to the AFFERMION (and AFFERMI	ON DERIVATIVES).			
Date	Bin Zhu			
Date	Biii Ziiu			
Date	Min Feng			
Date	Willi Felig			
 Date	Aimin Pan			
Dutc	/AIIIII I WII			
Date	Yuan Kong			
=	- 3.40			

Page 1 of 2 **PATENT REEL: 021359 FRAME: 0608**

4/9/2008 Date	Nathan C. Sherman
Date	Hui Fan
Date	
 Date	Josh Benaloh

REEL: 021359 FRAME: 0609

MS Docket No. 322924.01

PATENT ASSIGNMENT

	ran, Yuan Kong, Nathan C. Sherman, Hui Fan,
Rui Guo And Josh Benaloh ("ASSIGNOR"), hav	e invented subject matter ("INVENTION")
disclosed and/or claimed in a patent applica	ition entitled "SECURITY-ENHANCED LOG IN"
("APPLICATION"), which:	
	cuted PATENT ASSIGNMENT. ASSIGNOR hereby
authorizes, and requests, As	SSIGNEE'S legal representatives, of the Law and
	nt, Microsoft Corporation, One Microsoft Way,
·	2, who are associated with customer number
69316, to insert here in par	enthesis (Application No. $\frac{12/101,166}{}$, filed
$\underline{^{04/11/2008}}$) this APPLICATIO	N's Application No. and filing date, when
known;	
was filed on and	was given Application No;
is filed concurrently herewit	h;
Microsoft Corporation, a Wash	ington Corporation, on behalf of itself and its
successors and assigns ("ASSIGNEE"), is entire	tled to, and is desirous of acquiring, the entire
	INVENT ON and the APPLICATION (and all other
	such as continuing applications, in and for the
United States, its territories, and all foreign	countries ("APPLICATION DERIVATIVES"));
	ration, the receipt of which is hereby
acknowledged by the ASSIGNOR, the ASSIGN	IOR hereby sells, assigns and transfers to the
ASSIGNEE, the entire and exclusive rights, ti	tle and interest in the INVENTION and the
APPLICATION (and APPLICATION DERIVATIVE	
ASSIGNOR agrees to execute a	ll instruments and documents required for the
making and prosecution of the APPLICATION	N (and APPLICATION DERIVATIVES), for litigation
	and for the purpose of protecting and perfecting
title to the APPLICATION (and APPLICATION	DERIVATIVES).
Date	Bin Zhu
Date	Min Feng
	Aimin Pan
Date	Antini ran
Date	Yuan Kong
Date	

Page 1 of 2

Benfl

Date

Date

April 8, 2008

Date

Nathan C. Sherman

Hui Fan

Rui Guo

Josh Benaloh

MS Docket No. 322924.01

PATENT ASSIGNMENT	
Rui Guo And Josh Benaloh ("ASSIGNOR"), have disclosed and/or claimed in a patent applicate ("APPLICATION"), which:	used PATENT ASSIGNMENT. ASSIGNOR hereby SIGNEE'S legal representatives, of the Law and to Microsoft Corporation, One Microsoft Way, who are associated with customer number of thesis (Application No. 12/101,166 filled 's Application No. and filing date, when was given Application No. 40 filling date, when was given Application No. 40 filling date, when was given Application No. 41 filling the entire NVENTION and the APPLICATION (and all other uch as continuing applications, in and for the bountries ('APPLICATION DERIVATIVES')); assigns and transfers to the e and interest in the INVENTION and the b); instruments and documents required for the (and APPLICATION DERIVATIVES), for litigation and for the purpose of protecting and perfecting for the purpose of protecting and perfecting and perfecti
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Date	Sin Zhu
Date	Min Feng
Date	Airnin Pan

Page 1 of 2

Yuan Kong

Date

Date	Nathan C. Sherman
9/4/2003	Hall Fan
Oate	Hui Fan
Date	Rui Саю
Date	Josh Benaloh