PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mingtzong Lee	11/17/2007
Peter Wieland	11/19/2007
Nar Ganapathy	11/16/2007
Ulfar Erlingsson	11/17/2007
Martin Abadi	11/16/2007
John Richardson	11/20/2007

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	on Number:	11944436

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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

425-707-2290 Phone:

Email: dbouton@microsoft.com

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

Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	MS 321373.01
NAME OF SUBMITTER:	Steven Spellman

PATENT 500415727 **REEL: 020219 FRAME: 0403**

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MS Docket No. 321373.01

acknowledged by the ASSIGNOR, the ASSIGNO ASSIGNEE, the entire and exclusive rights, title APPLICATION (and APPLICATION DERIVATIVES) ASSIGNOR agrees to execute all i making and prosecution of the APPLICATION (and interest in the INVENTION and the instruments and documents required for the and APPLICATION DERIVATIVES), for litigation d for the purpose of protecting and perfecting
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applications and patents derived therefrom, so United States, its territories, and all foreign co	untries ("APPLICATION DERIVATIVES"));
successors and assigns ("ASSIGNEE"), is entitle	-
is filed concurrently herewith; Microsoft Corporation, a Washing	gton Corporation, on behalf of itself and its
was filed on and v	vas given Application No;
Redmond, Washington 98052, 69316, to insert here in paren	, who are associated with customer number thesis (Application No. 11/944,436, filed s Application No. and filing date, when
authorizes, and requests, ASS	Ited PATENT ASSIGNMENT. ASSIGNOR hereby IGNEE'S legal representatives, of the Law and Microsoft Corporation, One Microsoft Way,
disclosed and/or claimed in a patent application DEVICE DRIVER ARCHITECTURE" ("APPLICATION	on entitled "SPLIT USER-MODE/KERNEL-MODE N"), which:
	and, Nar Ganapathy, Ulfar Erlingsson, Martin
I/WE, Mingtzong Lee, Peter Wiela Abadi, and John Richardson ("ASSIGNOR"), hav	· · · · · · · · · · · · · · · · · · ·

Date

Ulfar Erlingsson

Date	Martin Abadi
 Date	 John Richardson

MS Docket No. 321373.01

<u>PATENT AS</u>	SSIGNMENT	
I/WE, Mingtzong Lee, Peter Wiela	nd, Nar Ganapathy, Ulfar Erlingsson, Martin	
Abadi, and John Richardson ("ASSIGNOR"), have		
disclosed and/or claimed in a patent application entitled "SPLIT USER-MODE/KERNEL-MOD		
DEVICE DRIVER ARCHITECTURE" ("APPLICATION		
🗵 will be filed without this execu	ted PATENT ASSIGNMENT. ASSIGNOR hereby	
authorizes, and requests, ASSI	GNEE'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 parent	thesis (Application No. 11/944,436, filed	
11/22/2007) this APPLICATION's	s Application No. and filing date, when	
known;	-	
was filed on and w	vas given Application No;	
is filed concurrently herewith;		
Microsoft Corporation, a Washington Corporation, on behalf of itself and its		
successors and assigns ("ASSIGNEE"), is entitled	•	
and exclusive rights, title and interest in the IN	, , ,	
applications and patents derived therefrom, su		
United States, its territories, and all foreign co	- · · ·	
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acknowledged by the ASSIGNOR, the ASSIGNOR	•	
ASSIGNEE, the entire and exclusive rights, title		
APPLICATION (and APPLICATION DERIVATIVES)		
	' nstruments and documents required for the	
making and prosecution of the APPLICATION (a	·	
regarding letters patent derived therefrom, and	_	
title to the APPLICATION (and APPLICATION DE		
title to the All Electron (and All Electron be	NIVATIVES).	
Date	Mingtzong Lee	
11-19-07	DIC	
Date	Peter Wieland	
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D. I.	Non Company along	
Date	Nar Ganapathy	

Page 1 of 1

Date

Ulfar Erlingsson

Date	Martin Abadi
 Date	 John Richardson

MS Docket No. 321373.01

PATENT ASS	GNMENT	
I/WE, Mingtzong Lee, Peter Wielan	d, Nar Ganapathy, Ulfar Erlingsson, Martin	
Abadi, and John Richardson ("ASSIGNOR"), have invented subject matter ("INVENTION")		
disclosed and/or claimed in a patent application	entitled "SPLIT USER-MODE/KERNEL-MODE	
DEVICE DRIVER ARCHITECTURE" ("APPLICATION"), which:	
will be filed without this execute	ed PATENT ASSIGNMENT. ASSIGNOR hereby	
authorizes, and requests, ASSIG	NEE'S legal representatives, of the Law and	
Corporate Affairs Department, N	Microsoft Corporation, One Microsoft Way,	
	vho are associated with customer number	
69316, to insert here in parenth	nesis (Application No. $\frac{11/944,436}{}$, filed	
$\frac{11/22/2007}{}$) this APPLICATION's	Application No. and filing date, when	
known;		
was filed on and wa	s given Application No;	
\square is filed concurrently herewith;		
Microsoft Corporation, a Washingt	on 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 IN	/ENTION and the APPLICATION (and all other	
applications and patents derived therefrom, suc	h as continuing applications, in and for the	
United States, its territories, and all foreign cou	ntries ("APPLICATION DERIVATIVES"));	
For good and valuable considerati	on, 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);		
	struments and documents required for the	
making and prosecution of the APPLICATION (a	- · · · · · · · · · · · · · · · · · · ·	
regarding letters patent derived therefrom, and		
title to the APPLICATION (and APPLICATION DE		
Date	Mingtzong Lee	
Date	Peter Wieland	
11.107		
11/16/07		
Date	Nar Ganapathy	

Ulfar Erlingsson

Date

50°d

Date	Martin Abadi
 Date	 John Richardson

<u>PATENT</u>	<u>ASSIGNMENT</u>
I/WE, Mingtzong Lee, Peter Wie	eland, Nar Ganapathy, Ulfar Erlingsson, Martin
Abadi, and John Richardson ("ASSIGNOR"), ha	· · · · · · · · · · · · · · · · · · ·
	ition entitled "SPLIT USER-MODE/KERNEL-MODE
DEVICE DRIVER ARCHITECTURE" ("APPLICATION")	·
	cuted PATENT ASSIGNMENT. ASSIGNOR hereby
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· · · · · · · · · · · · · · · · · · ·	SSIGNEE'S legal representatives, of the Law and
	nt, Microsoft Corporation, One Microsoft Way,
	2, who are associated with customer number
	enthesis (Application No. 11/944,436, filed
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is filed concurrently herewith	n;
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	ration, the receipt of which is hereby
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ASSIGNEE, the entire and exclusive rights, tit	
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	Il instruments and documents required for the
	I (and APPLICATION DERIVATIVES), for litigation
	and for the purpose of protecting and perfecting
title to the APPLICATION (and APPLICATION I	DERIVATIVES).
Date	Mingtzong Lee
Date	Peter Wieland
· ·	A
Date	Nar Ganapathy
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Page 1 of 2

Ulfar Erlingsson

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Martin Abadi
John Richardson

M5 Docket No. 321373.01

PATENT ASSIGNMENT I/WE, Mingtzong Lee, Peter Wieland, Nar Ganapathy, Ulfar Erlingsson, Martin Abadi, and John Richardson ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SPLIT USER-MODE/KERNEL-MODE DEVICE DRIVER ARCHITECTURE" ("APPLICATION"), which: 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. 11/944,436 11/22/2007) 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

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).

Date	Mingtzong Lee
Date	Peter Wieland
Date	Nar Ganapathy
Date	

Page 1 of 2

PATENT REEL: 020219 FRAME: 0413

MS Dockot No. 321272.01

Date

Martin Abadi

John Richardson

PATENT REEL: 020219 FRAME: 0414

RECORDED: 12/09/2007