Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
William G. Parry	06/26/2005
Mingtzong Lee	03/25/2005
Christopher W. Lorton	03/28/2005
Jayachandran Raja	06/10/2005
Serge Smirnov	03/24/2005

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:	11098018

CORRESPONDENCE DATA

Fax Number: (612)334-3312

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

Phone: 6213343222 Email: lstock@wck.com Correspondent Name: Todd R. Fronek

Address Line 1: 900 Second Ave. S., Suite 1400

Address Line 4: Minneapolis, MINNESOTA 55402-3319

NAME OF SUBMITTER: Todd R. Fronek

Total Attachments: 5

500040270

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<u>PA</u>	TENT ASSIGNMENT
I, William G. Parry, Ming	gtzong Lee, Christopher W. Lorton, Jayachandran
), have invented subject matter ("INVENTION")
	application entitled "SYSTEM FOR HANDLING
	PLURALITY OF READER MODULES BY ENUMERATING
	EAMS OF INFORMATION" ("APPLICATION"), which:
	t this executed PATENT ASSIGNMENT. ASSIGNOR
	and requests, ASSIGNEE'S legal representatives, of
	& Kelly P.A., 900 Second Ave. S., Suite1600,
	5402-3319, who are associated with customer
•	insert here in parenthesis
(U.S. Serial No. <u>11/</u>	<u>/098,018</u> , filed <u>April 1, 2005</u>) this
Application's U.S. 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
·	E"), is entitled to, and is desirous of acquiring, the
	interest in the INVENTION and the APPLICATION
-	ts derived therefrom, such as continuing
	ates, its territories, and all foreign countries
("APPLICATION DERIVATIVES"));	aces, no carries, and an releight openion
	consideration, the receipt of which is hereby
	ASSIGNOR hereby sells, assigns and transfers to
•	
	ve rights, title and Interest in the INVENTION and
the APPLICATION (and APPLICATION	\
	ecute all instruments and documents required for
	PPLICATION (and APPLICATION DERIVATIVES), for
	rived therefrom, and for the purpose of protecting
and perfecting title to the APPLICATION	ON (and APPLICATION DERIVATIVES).
6/76/05	¥
DATE	William G. Parry
DATE	william G. Parry
DATE	Mingtzong Lee
DATE	Mingtzong Lee
DATE	Christopher W. Lorton
_	
DATE	Jayachandran Raja
DATE	Serge Smirnov

	PATENT ASSIGNMENT
I, William G. F	Parry, Mingtzong Lee, Christopher W. Lorton, Jayachandran
Raja and Serge Smirnov ("A	SSIGNOR"), have invented subject matter ("INVENTION")
disclosed and/or claimed i	n a patent application entitled "SYSTEM FOR HANDLING
STREAMING INFORMATION	USING A PLURALITY OF READER MODULES BY ENUMERATING
OUTPUT PINS AND ASSOCIA	ATED STREAMS OF INFORMATION" ("APPLICATION"), which:
	ed without this executed PATENT ASSIGNMENT. ASSIGNOR
	ithorizes, and requests, ASSIGNEE'S legal representatives, or
	Champlin & Kelly P.A., 900 Second Ave. S., Suite 1600,
	lis, MN 55402-3319, who are associated with customer
	7366, to insert here in parenthesis
	al No. <u>11/098,018</u> , filed <u>April 1, 2005</u>) this
	on's U.S. Serial Number and filing date, when known;
	n and was given U.S. Serial No;
☐ is filed con	currently herewith;
	poration, 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 a	nd patents derived therefrom, such as continuing
applications in and for the	United States lite torritories and all 5
("APPLICATION DERIVATIVES	United States, its territories, and all foreign countries
	• •
ror good and t	valuable consideration, the receipt of which is hereby
acknowledged by the ASSIGN	NOR, 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 APPLI	
ASSIGNOR agre	es to execute all instruments and documents required for
the making and prosecution	of the APPLICATION (and APPLICATION DERIVATIVES), for
litigation regarding letters p	atent derived therefrom, and for the purpose of protecting
and perfecting title to the AP	PLICATION (and APPLICATION DERIVATIVES).
DATE	
DATE	William G. Parry
March 25 2005	March
DATE	Mineral VIII
	Mingtzong Lee
	V
DATE	Christopher W. Lorton
	Conscipned W. Lorton
DATE	Jayachandran Raja
DATE	
	Sprae Smirnov DATENT

Serge Smirnov **PATENT** REEL: 016272 FRAME: 0181

	PATENT ASSIGNMENT
I, William G. Parry	, Mingtzong Lee, Christopher W. Lorton, Jayachandran
Raja and Serge Smirnov ("ASSIG	NOR"), have invented subject matter ("INVENTION")
	atent application entitled "SYSTEM FOR HANDLING
	IG A PLURALITY OF READER MODULES BY ENUMERATING
	STREAMS OF INFORMATION" ("APPLICATION"), which:
	thout this executed PATENT ASSIGNMENT. ASSIGNOR
	izes, and requests, ASSIGNEE'S legal representatives, of
	mplin & Kelly P.A., 900 Second Ave. S., Suite 1600,
	MN 55402-3319, who are associated with customer
	6, to insert here in parenthesis
	o. <u>11/098,018</u> , filed <u>April 1, 2005</u>) this
	U.S. Serial Number and filing date, when known;
	and was given U.S. Serial No;
is filed concurr	
	tion, a Washington Corporation, on behalf of itself and
	SIGNEE"), 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 p	patents derived therefrom, such as continuing
applications, in and for the Unit	ed States, its territories, and all foreign countries
("APPLICATION DERIVATIVES"));	
For good and valua	able consideration, the receipt of which is hereby
acknowledged by the ASSIGNOR	, the ASSIGNOR hereby sells, assigns and transfers to
	clusive rights, title and interest in the INVENTION and
the APPLICATION (and APPLICAT	
	o execute all instruments and documents required for
	he APPLICATION (and APPLICATION DERIVATIVES), for
	at derived therefrom, and for the purpose of protecting
	CATION (and APPLICATION DERIVATIVES).
and porteeting and to the first	exhold (and Affication Denivatives).
DATE	William G. Parry
	,,

DATE	Mingtzong Lee
2/26/2006	alta 11 La
3/28/2001	Chustophe W. Inton
DATE	Christopher W. Lorton
DATE	
DATE	Jayachandran Raja
DATE	Same Continue
~ · · · · L	Serge Smirnov

PATENT ASSIGNMENT

	ngtzong Lee, Christopher W. Lorton, Jayachandran Raja	
and Serge Smirnov ("ASSIGNOR"), ha	eve invented subject matter ("INVENTION") disclosed	
and/or claimed in a patent application	n entitled "SYSTEM FOR HANDLING STREAMING	
	OF READER MODULES BY ENUMERATING OUTPUT PINS	
AND ASSOCIATED STREAMS OF INFO	DRMATION" ("APPLICATION"), which:	
	It this executed PATENT ASSIGNMENT. ASSIGNOR hereb	У
authorizes, and re	equests, ASSIGNEE'S legal representatives, of Westman	
Champlin & Kelly	P.A., 900 Second Ave. S., Suite1600, Minneapolis, MN	
55402-3319, who	are associated with customer number 27366, to insert	
here in parenthes		
•	1/098,018 , filed April 1, 2005) this	
	Serial Number and filing date, when known;	
	and was given U.S. Serial No;	
☐ was filed on		
	a Washington Corporation, on behalf of itself and its	
MICROSOFT CORPORATION,	is entitled to and is desirous of acquiring the entire and	А
successors and assigns (ASSIGNEE)), is entitled to, and is desirous of acquiring, the entire and	u
exclusive rights, title and interest in t	he INVENTION and the APPLICATION (and all other	
applications and patents derived ther	efrom, such as continuing applications, in and for the	
United States, its territories, and all fo	oreign 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	
	ights, title and interest in the INVENTION and the	
APPLICATION (and APPLICATION DE	RIVATIVES);	
ASSIGNOR agrees to e	execute all instruments and documents required for the	
making and prosecution of the APPLI	CATION (and APPLICATION DERIVATIVES), for litigation	
regarding letters patent derived there	efrom, and for the purpose of protecting and perfecting	
title to the APPLICATION (and APPLICATION)	CATION DERIVATIVES).	
DATE	William G. Parry	
DATE	Mingtzong Lee	
DATE	Mingrating Lee	
DATE	Christopher W. Lorton	
6/10/05	10/1/	
DATÉ	Jayachandran Raja	
	0	
DATE	Serge Smirnov	

	zong Lee, Christopher W. Lorton, Jayachandran	
• • • • • • • • • • • • • • • • • • • •	have invented subject matter ("INVENTION")	
	application entitled "SYSTEM FOR HANDLING	
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	MS OF INFORMATION" ("APPLICATION"), which:	
	his executed PATENT ASSIGNMENT. ASSIGNOR	
	nd requests, ASSIGNEE'S legal representatives, of	
	Kelly P.A., 900 Second Ave. S., Suite 1600,	
•	102-3319, who are associated with customer	
		. ŽŽ
	98,018 , filed April 1, 2005) this	
	rial Number and filing date, when known;	
	and was given U.S. Serial No;	
☐ is filed concurrently h	-	
•	Washington Corporation, on behalf of itself and	
	'), is entitled to, and is desirous of acquiring, the	
	terest in the INVENTION and the APPLICATION	
	derived therefrom, such as continuing	
•	es, its territories, and all foreign countries	
("APPLICATION DERIVATIVES"));	no, to controlled, and an foreign countries	
	nsideration, the receipt of which is hereby	
•	SSIGNOR hereby sells, assigns and transfers to	
		J.F
the APPLICATION (and APPLICATION DI		Marin C
	ute all instruments and documents required for	
	LICATION (and APPLICATION DERIVATIVES), for	
	ed therefrom, and for the purpose of protecting	
and perfecting title to the APPLICATION		
	Tana ta ta a a a a a a a a a a a a a a a	
DATE	William G. Parry	
DATE	A 44	
DATE	Mingtzong Lee	
DATE	Christopher W. Lorton	- 55 46.45
	Ciniscopner W. Lorton	
DATE	Jayachandran Raja	
03/24/2005	Legistrum	
DATE	Serge Smirnov PATENT	

RECORDED: 07/17/2005 REEL: 016272 FRAME: 0184