Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Heung-Yeung Shum	06/20/2006
Jian Sun	05/15/2006
Sing Bing Kang	05/08/2006
Yin Li	05/12/2006

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:	11434567

CORRESPONDENCE DATA

Fax Number: (612)334-3312

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

Email: dmoore@wck.com Correspondent Name: Steven M. Koehler

Address Line 1: 900 Second Avenue South

Address Line 2: Suite 1400

Address Line 4: Minneapolis, MINNESOTA 55402

NAME OF SUBMITTER: Steven M. Koehler

Total Attachments: 4

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REEL: 017831 FRAME: 0897

PATENT

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MS Docket No. 316649.01 (OC Docket No. M61.12-1153)

	PATENT ASSIGNMENT					
We, Heung-Yeung	Shum, Jian Sun, Sing Bing Kang and Yin Li					
(each"ASSIGNOR"). have invented	d subject matter ("INVENTION") disclosed and/or					
claimed in a patent application entitled "OBJECT MATTING USING FLASH AND NO-FLASH IMAGES" ("APPLICATION"), which:						
					hereby author	izes, and requests, ASSIGNEE'S legal representatives, of
					Westman Char	mplin & Kelly P.A., 900 Second Ave. S., Suite 1400,
Minneapolis, N	MN 55402-3319, who are associated with customer					
	5, to insert here in parenthesis					
	o					
	s U.S. Serial Number and filing date, when known;					
☐ was filed on	and was given U.S. Serial No;					
☐ is filed concurr	ently herewith;					
Microsoft Corpora	tion, a Washington Corporation, on behalf of itself and					
its successors and assigns ("ASS	its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the					
	and interest in the INVENTION and the APPLICATION					
	patents derived therefrom, such as continuing					
	ed States, its territories, and all foreign countries					
("APPLICATION DERIVATIVES"));						
For good and valu	able consideration, the receipt of which is hereby					
acknowledged by the ASSIGNOF	R, the ASSIGNOR hereby sells, assigns and transfers to					
the ASSIGNEE, the entire and ex	clusive rights, title and interest in the INVENTION and					
the APPLICATION (and APPLICAT	TION 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 pate	nt derived therefrom, and for the purpose of protecting					
and perfecting title to the APPLI	ICATION (and APPLICATION DERIVATIVES).					
	Harry Warrage Clary					
DATE	Heung-Yeung Shum					
DATE	Jian Sun					
-						
DATE	Sing Bing Kang					
5/12/2006	A Recorded to the second secon					
DATE	Yin Li					
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MS Docket No. 316649.01 (OC Docket No. M61.12-1153)

PATENT ASSIGNMENT

We, Heung-Yeung Shum, Jian Sun, Sing Bing Kang and Yin Li (each "ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "OBJECT MATTING USING FLASH AND NO-FLASH IMAGES" ("APPLICATION"), which:

FLASH IMAGES" ("APPLICATION"), w	hich:	
☑ will be filed withou	ut this executed PATENT ASSIGN	IMENT. ASSIGNOR
hereby authorizes	s, and requests, ASSIGNEE'S lega	ıl representatives, of
Westman Champl	in & Kelly P.A., 900 Second Ave.	S., Suite1400,
Minneapolis, MN	55402-3319, who are associate	d with customer
number 27366, to	o insert here in parenthesis	
(U.S. Serial No	, filed) this
	.S. Serial Number and filing date	
☐ was filed on	and was given U.S. Serial No.	
is filed concurrent	ly herewith;	
Microsoft Corporation	n, a Washington Corporation, on	behalf of itself and
its successors and assigns ("ASSIGN	IEE"), is entitled to, and is desire	ous of acquiring, the
entire and exclusive rights, title and	d interest in the INVENTION and	the APPLICATION
(and all other applications and pate	ents derived therefrom, such as	continuing
applications, in and for the United S	States, its territories, and all for	eign countries
("APPLICATION DERIVATIVES"));		
For good and valuable	e consideration, the receipt of w	hich is hereby
acknowledged by the ASSIGNOR, th	e ASSIGNOR hereby sells, assigr	is and transfers to
the ASSIGNEE, the entire and exclus	s <mark>ive rights, title and inte</mark> rest in t	he INVENTION and
the APPLICATION (and APPLICATION	N DERIVATIVES);	
ASSIGNOR agrees to e	execute all instruments and docu	aments required for
the making and prosecution of the	APPLICATION (and APPLICATION	I DERIVATIVES), for
litigation regarding letters patent d	erived therefrom, and for the pu	irpose of protecting
and perfecting title to the APPLICAT	TION (and APPLICATION DERIVATION)	ΓIVES).
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DATE	Jian Sun	
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5/8/06	Thurston I	
DATE	Sing Bing Kang	
DATE	Yin Li	
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MS Docket No. 316649.01 (OC Docket No. M61.12-1153)

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	319, who are associated with customer
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is filed concurrently herewit	
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(and all other applications and patents deriv	
applications, in and for the United States, its	
	territories, and an loveryn countries
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	Il instruments and documents required for
the making and prosecution of the APPLICAT	
litigation regarding letters patent derived th	
and perfecting title to the APPLICATION (and	APPLICATION DERIVATIVES).
DATE	Heung-Yeung Shum
May 15 200 6	1100 (111)
DAŤE	Jian Sun
DATE	Sing Bing Kang

Yin Li

MS Docket No. 316649.01 (OC Docket No. M61.12–1153)

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Microsoft Corporation, a W	ashington Corporation, on behalf of itself and
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(and all other applications and patents d	
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-	d therefrom, and for the purpose of protecting
and perfecting title to the APPLICATION	
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6.20.2006	
DATE	Heung-Yeung Shum
	N F
DATE	Jian Sun
	<u>.</u>
DATE	Sing Bing Kang
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	A CONTRACTOR OF THE CONTRACTOR
DATE	Yin Li

PATENT REEL: 017831 ¥RAME: 09020/18

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REGORDED: 06/23/2006