PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Louis Amadio	05/02/2006
Keira L Amos	05/02/2006
Charles Cummins	05/11/2006
Neel Ishwar Murarka	05/05/2006
Phillip Bensaid	05/05/2006

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:	11381869

CORRESPONDENCE DATA

Fax Number: (202)824-3001

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

Phone: 2028243000

Email: ssiu@bannerwitcoff.com
Correspondent Name: Gary D. Fedorochko

Address Line 1: 1001 G Street NW, 11th Floor

Address Line 4: Washington, DISTRICT OF COLUMBIA 20001-4597

ATTORNEY DOCKET NUMBER:	003797.01830
NAME OF SUBMITTER:	Stephen C. Siu

PATENT REEL: 017633 FRAME: 0668

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Total Attachments: 4

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PATENT REEL: 017633 FRAME: 0669

MS Docket No. 316373.01 OG Docket No. 003797.01830

PATENT ASSIGNMENT

Bensaid ("ASSIGNOR"), have invented subject a patent application entitled "ASSOCIATION O will be filed without this exe authorizes, and requests. A Witcoff, LTD., 1091 G Stroc who are associated with ou (U.S. Serial No.11/381. U.S. Serial Number and fili	os, Charles Cummins, Bubba Murarka, and Phillip matter ("INVENTION") disclosed and/or claimed in F DISPLAY ELEMENTS" ("APPLICATION"), which: cuted PATENT ASSIGNMENT. ASSIGNOR hereby assigner's legal representatives, of Banner & X NW, Eleventh Floor, Washington, DC 20001-4597, stomer number 26319, to insert here in parenthesis 869 filed May 5,2006 this APPLICATION's ng date, when known;
was filed on and was	giyen U.S. Şerial Noi
wheel consumption the become	th:
Microsoft Corporation, a Washii successors and assigns ("ASSIGNEF"), is ent exclusive rights, title and interest in the INVEN applications and patents derived therefrom, st	ngton Corporation, on ponant of itself and his itied to, and is desirous of acquiring, the entire and ITION and the APPLICATION (and all other ich as continuing applications, in and for the United (*APPLICATION DERIVATIVES*));
States, its territorias, and and valuable conside	ration, the receipt of which is hereby acknowledged
FOR GOOD BING VALUEDIC SOTTOME	ration, the receipt of which is helded. ells, assigns and transfers to the ASSIGNEE, the the INVENTION and the APPLICATION (and
by the ASSIGNOR, the ASSIGNOR hereby se entire and exclusive rights, title and Interest in	the INVENTION and the APPLICATION (and
APPI ICATION DERIVATIVES);	all instruments and documents required for the
ASSIGNOR agrees to execute	all instruments and documents as a literature of and APPLICATION DERIVATIVES), for litigation of for the number of protecting and perfecting title to
making and prosecution of the APPLICATION	and Arrichant of protecting and perfecting title to
Iskad extent (AMAC MARKUM). All	C to the builded at Lines.
the APPLICATION (and APPLICATION DER	(VATIVES).
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DATE	Louis Amadio
DATE	./
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May 2 and 2006 DATE May 2, 2006	Keira L. Amos
DAIL U	
	Charles Cummins
DATE	·
	Bubba Murarka
DATE	McAthaman same and an area
	Phillip Bensaid
DATE	LIMIN POLISSIA
	

Page 1 of 1

MS Docket No. 316373.01 OC Docket No. 003797.01830

PATENT ASSIGNMENT

WE, Louis Amadio, Keira L. A Phillip Bensaid ("ASSIGNOR"), have invente claimed in a patent application entitled "ASS ("APPLICATION"), which:	Amos, Charles Cummins, Neel Ishwar Murarka, and ed subject matter ("INVENTION") disclosed and/or SOCIATION OF DISPLAY ELEMENTS"
will be filed without this e authorizes, and requests Witcoff, LTD., 1001 G St who are associated with (U.S. Serial No	and was given U.S. Serial No. 11/381,869; with; shington Corporation, on behalf of itself and its entitled to, and is desirous of acquiring, the entire and ENTION and the APPLICATION (and all other such as continuing applications, in and for the United
making and prosecution of the APPLICATIO	N (and APPLICATION DERIVATIVES), for litigation and perfecting title to
DATE	Louis Amadio
DATE	Keira L. Amos
DATE DATE	Charles Cummins
DATE	Neel Ishwar Murarka
DATE	Phillip Bensaid

MS Docket No. 316373.01 OC Docket No. 003797.01830

PATENT ASSIGNMENT

	Amos, Charles Cummins, Neel Ishwar Murarka, and ed subject matter ("INVENTION") disclosed and/or SOCIATION OF DISPLAY ELEMENTS"	
will be filed without this e authorizes, and requests Witcoff, LTD., 1001 G St who are associated with (U.S. Serial No. <u>11/38</u>	executed PATENT ASSIGNMENT. ASSIGNOR hereby s, ASSIGNEE'S legal representatives, of Banner & treet NW, Eleventh Floor, Washington, DC 20001-4597, customer number 28319, to insert here in parenthesis 1869, filed May 5, 2006) this APPLICATION's filling date, when known;	
 was filed on and v is filed concurrently here	vas given U.S. Serial No;	
Microsoft Corporation, a Was successors and assigns ("ASSIGNEE"), is exclusive rights, title and interest in the INV	shington Corporation, on behalf of itself and its entitled to, and is desirous of acquiring, the entire and ENTION and the APPLICATION (and all other such as continuing applications, in and for the United	
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).		
DATE	Louis Amadio	
DATE	Keira L. Amos	
DATE 5 5 6 DATE	Charles Cummins Neel Astroyer Migrafika	
DATE	Phillip Bensaid	

PATENT ASSIGNMENT

	Amos, Charles Cummins, Neel Ishwar Murarka, and ted subject matter ("INVENTION") disclosed and/or SOCIATION OF DISPLAY ELEMENTS"
will be filed without this authorizes, and reques Witcoff, LTD., 1001 G s who are associated wit (U.S. Serial No. 11/38	executed PATENT ASSIGNMENT. ASSIGNOR hereby ts, ASSIGNEE'S legal representatives, of Banner & Street NW, Eleventh Floor, Washington, DC 20001-4597, h customer number 28319, to insert here in parenthesis 31869, filed May 5, 2006) this APPLICATION's d filing date, when known;
<u>—</u>	was given U.S. Serial No;
successors and assigns ("ASSIGNEE"), is exclusive rights, title and interest in the INV	eshington Corporation, on behalf of itself and its entitled to, and is desirous of acquiring, the entire and /ENTION and the APPLICATION (and all other such as continuing applications, in and for the United
by the ASSIGNOR, the ASSIGNOR hereby entire and exclusive rights, title and interest APPLICATION DERIVATIVES); ASSIGNOR agrees to execu-	sideration, the receipt of which is hereby acknowledged y sells, assigns and transfers to the ASSIGNEE, the st in the INVENTION and the APPLICATION (and ute all instruments and documents required for the ON (and APPLICATION DERIVATIVES), for litigation
	and for the purpose of protecting and perfecting title to
DATE	Louis Amadio
DATE	Keira L. Amos
DATE	Charles Cummins
DATE	Neel Ishwar Murarka
5/5/2006	Vinality
DATE	Phillip Bensaid

Page 1 of 1

PATENT REEL: 017633 FRAME: 0673

RECORDED: 05/17/2006