# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Steven W. Fisher	08/08/2006
Oliver F. Grabes	08/10/2006
Kam Young	08/04/2006
Robert B. Hubler	08/04/2006
Adam M. O'Hern	08/04/2006
Tim Hulford	08/04/2006
Ferdinand Johannes van Engelen	08/04/2006

### **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:	29248625

### **CORRESPONDENCE DATA**

Fax Number: (202)824-3001

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

Email: jashton@bannerwitcoff.com

Correspondent Name: Banner Witcoff Ltd
Address Line 1: 1001 G Street NW

Address Line 4: Washington, DISTRICT OF COLUMBIA 20001

ATTORNEY DOCKET NUMBER:	013797.02338
NAME OF SUBMITTER:	Chunhsi Andy Mu

500146085 REEL: 018197 FRAME: 0930

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### Total Attachments: 7 source=0137972338assignment#page1.tif source=0137972338assignment#page2.tif source=0137972338assignment#page3.tif

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PATENT

**REEL: 018197 FRAME: 0931** 

# PATENT ASSIGNMENT

matter ("INVENTION") disclosed and/or ("APPLICATION"), which:	Diver F. Grabes, Ferdinand Johannes van Engelen, Kam ern and Tim Hulford ("ASSIGNOR"), have invented subject claimed in a patent application entitled "A KEYBOARD"
Witcoff, LTD., 1001 o who are associated w (U.S. Serial No. <u>29/2</u> U.S. Serial Number a	nis executed PATENT ASSIGNMENT. ASSIGNOR hereby ests, ASSIGNEE'S legal representatives, of Banner & Street NW, Eleventh Floor, Washington, DC 20001-4597, with customer number 28319, to insert here in parenthesis 448,625 , filed August 24, 2006 ) this APPLICATION's and filing date, when known;
☐ was filed on an is filed concurrently here	d was given to a contract
MICCOSOFT Company to the second	
exclusive rights, title and interest in the IN applications and patents derived therefrom States, its territories, and all foreign countries.	Vashington Corporation, on behalf of itself and its sentitled to, and is desirous of acquiring, the entire and IVENTION and the APPLICATION (and all other m, such as continuing applications, in and for the United tries ("APPLICATION DERIVATIVES")):
by the ASSIGNOR, the ASSIGNOR heretentire and exclusive rights, title and interest APPLICATION DERIVATIVES);	isideration, the receipt of which is hereby acknowledged by sells, assigns and transfers to the ASSIGNEE, the st in the INVENTION and the APPLICATION (and
ASSIGNOR agrees to exect making and prosecution of the APPLICAT regarding letters patent derived therefrom, the APPLICATION (and APPLICATION DE	oute all instruments and documents required for the ION (and APPLICATION DERIVATIVES), for litigation and for the purpose of protecting and perfecting title to ERIVATIVES).
10/00/11	
DATE OF OC	Steven W. Fisher
DATE	Oliver F. Grabes
DATE	
DATE	Ferdinand Johannes van Engelen
DATE	
	Kam Young
DATE	
	Robert B. Hubler

# PATENT ASSIGNMENT

Young, Robert B. Hubler, Adam M. O'Hern a matter ("INVENTION") disclosed and/or clain ("APPLICATION"), which:	F. Grabes, Ferdinand Johannes van Engelen, Kam and Tim Hulford ("ASSIGNOR"), have invented subject ned in a patent application entitled "A KEYBOARD"
authorizes, and requests, Witcoff, LTD., 1001 G Str who are associated with	xecuted PATENT ASSIGNMENT. ASSIGNOR hereby, ASSIGNEE'S legal representatives, of Banner & reet NW, Eleventh Floor, Washington, DC 20001-4597, customer number 28319, to insert here in parenthesis filed August 24, 2006 ) this APPLICATION's filing date, when known;
was filed on and w. is filed concurrently here	as given U.S. Serial No;
Microsoft Corporation, a Wasi successors and assigns ("ASSIGNEE"), is enexclusive rights, title and interest in the INVE	hington Corporation, on behalf of itself and its ntitled 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 consid by the ASSIGNOR, the ASSIGNOR hereby sentire and exclusive rights, title and interest in APPLICATION DERIVATIVES); ASSIGNOR agrees to execute	leration, the receipt of which is hereby acknowledged sells, assigns and transfers to the ASSIGNEE, the in the INVENTION and the APPLICATION (and e all instruments and documents required for the
	N (and APPLICATION DERIVATIVES), for litigation nd for the purpose of protecting and perfecting title to RIVATIVES).
DATE	Steven W. Fisher
8/10/2006	O. On
DATE	Oliver F. Grabes
DATE	Ferdinand Johannes van Engelen
DATE	Kam Young

Page 1 of 2

# PATENT ASSIGNMENT

Young, Robert B. Hubler, Adam M. O'	Oliver F. Grabes, Ferdinand Johannes van Engelen, Kam Hern and Tim Hulford ("ASSIGNOR"), have invented subject or claimed in a patent application entitled "A KEYBOARD"
authorizes, and red Witcoff, LTD., 1001 who are associated (U.S. Serial No. 29,	this executed PATENT ASSIGNMENT. ASSIGNOR hereby quests, ASSIGNEE'S legal representatives, of Banner & I G Street NW, Eleventh Floor, Washington, DC 20001-4597, d with customer number 28319, to insert here in parenthesis /248,624 , filed August 24, 2006 ) this APPLICATION's r and filing date, when known;
is filed concurrently  Microsoft Corporation, a successors and assigns ("ASSIGNEE" exclusive rights, title and interest in the applications and patents derived there	and was given U.S. Serial No; herewith; Washington Corporation, on behalf of itself and its high is entitled to, and is desirous of acquiring, the entire and INVENTION and the APPLICATION (and all other from, such as continuing applications, in and for the United buntries ("APPLICATION DERIVATIVES"));
For good and valuable of the ASSIGNOR, the ASSIGNOR he entire and exclusive rights, title and int APPLICATION DERIVATIVES);  ASSIGNOR agrees to e	consideration, the receipt of which is hereby acknowledged creby sells, assigns and transfers to the ASSIGNEE, the erest in the INVENTION and the APPLICATION (and execute all instruments and documents required for the CATION (and APPLICATION DERIVATIVES), for litigation
	om, and for the purpose of protecting and perfecting title to
DATE	Steven W. Fisher
DATE	Oliver F. Grabes
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DATE	Ferdinand Johannes van Engelen
DATE	Kam Young
DATE	Robert B. Hubler

Page 1 of 2

# **PATENT ASSIGNMENT**

Young, Robert B. Hubler, Adam M. O'Hern a	and Tim Hulford ("ASSIGNOR"), have invented subject med in a patent application entitled "A KEYBOARD"
will be filed without this e authorizes, and requests Witcoff, LTD., 1001 G St who are associated with	executed PATENT ASSIGNMENT. ASSIGNOR hereby s, ASSIGNEE'S legal representatives, of Banner & creet NW, Eleventh Floor, Washington, DC 20001-4597, customer number 28319, to insert here in parenthesis, filed August) this APPLICATION's filling date, when known;
<ul><li>☐ was filed on and w</li><li>☐ is filed concurrently here</li></ul>	vas given U.S. Serial No;
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by the ASSIGNOR, the ASSIGNOR hereby a entire and exclusive rights, title and interest APPLICATION DERIVATIVES);	deration, the receipt of which is hereby acknowledged sells, assigns and transfers to the ASSIGNEE, the in the INVENTION and the APPLICATION (and
making and prosecution of the APPLICATIO	te all instruments and documents required for the PN (and APPLICATION DERIVATIVES), for litigation and for the purpose of protecting and perfecting title to RIVATIVES).
DATE	Steven W. Fisher
DATE	Oliver F. Grabes
DATE	Ferdinand Johannes van Engelen
	4
4 <sup>th</sup> August 2006 DATE	Kam Young
	ŭ
DATE	Robert B. Hubler

Page 1 of 2

# **PATENT ASSIGNMENT**

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For good and valuable by the ASSIGNOR, the ASSIGNOR entire and exclusive rights, title and APPLICATION DERIVATIVES);	ole consideration, the receipt of which is hereby acknowledged R hereby sells, assigns and transfers to the ASSIGNEE, the i interest in the INVENTION and the APPLICATION (and to execute all instruments and documents required for the
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DATE	Steven W. Fisher
DATE	Oliver F. Grabes
DATE	Ferdinand Johannes van Engelen
DATE	Kam Young
8-4-2006	EAR AL
DATE	Robert B. Hubler

AUG. 4, 2000	Adden Hung
DATE	Adam M. O'Hern
DATE	Time Hadfound
DATE	Tim Hulford

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Adam M. O'Hern

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Tim Hulford