# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Daniel G. O'Neil	08/23/2005
Steven W. Fisher	08/24/2005
Ferdinand Johannes van Engelen	09/27/2005
Oliver Felix Grabes	10/03/2005
Philipp Steiner	10/07/2005

#### **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:	29236730

### **CORRESPONDENCE DATA**

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Email: cpittman@bannerwitcoff.com

Correspondent Name: Steve S. Chang (013797.01274)

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

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

ATTORNEY DOCKET NUMBER:	013797.01274
NAME OF SUBMITTER:	Steve S. Chang

PATENT REEL: 016667 FRAME: 0062

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Total Attachments: 4

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PATENT REEL: 016667 FRAME: 0063

# PATENT ASSIGNMENT

Felix Grabes, and Philipp Steiner (** disclosed and/or claimed in a patent  will be filed withe authorizes, and Witcoff, LTD., 10 who are associa (U.S. Serial No.	I, Steven W. Fisher, Ferdinand Johannes van Engelen, Oliver ASSIGNORS"), have invented subject matter ("INVENTION") trapplication entitled "KEYBOARD" ("APPLICATION"), which out this executed PATENT ASSIGNMENT. ASSIGNOR hereby requests, ASSIGNEE'S legal representatives, of Banner & 1001 G Street NW, Eleventh Floor, Washington, DC 20001-4597, ated with customer number 28319, to insert here in parenthesis $\frac{29/236,730}{29/236,730}$ filed $\frac{08/22/2005}{2005}$ this APPLICATION's aborrand filing date, when known;
Microsoft Corporatio	and was given U.S. Serial No;  ntly herewith;  n, a Washington Corporation, on behalf of itself and its  EE"), is entitled to, and is desirous of acquiring, the entire and the INVENTION and the APPLICATION (and all other
applications and patents derived the States, its territories, and all foreign	erefrom, such as continuing applications, in and for the United countries ("APPLICATION DERIVATIVES"));
For good and valuable by the ASSIGNOR, the ASSIGNOR entire and exclusive rights, title and APPLICATION DERIVATIVES);	ble consideration, the receipt of which is hereby acknowledged thereby sells, assigns and transfers to the ASSIGNEE, the interest in the INVENTION and the APPLICATION (and to execute all instruments and documents required for the
making and prosecution of the APF	PLICATION (and APPLICATION DERIVATIVES), for litigation refrom, and for the purpose of protecting and perfecting title to
8/23/05	Fan in
DATE	Daniel G. O'Neil
DATE	Steven W. Fisher
DATE	Ferdinand Johannes van Engelen
DATE	Oliver Felix Grabes
DATE	Philipp Steiner

Page 1 of 1

### PATENT ASSIGNMENT

Felix Grabes, and Philipp Steiner ("ASSIGNO disclosed and/or claimed in a patent application will be filed without this exauthorizes, and requests, Witcoff, LTD., 1001 G Strauto are associated with a	W. Fisher, Ferdinand Johannes van Engelen, Oliver (RS"), have invented subject matter ("INVENTION") ion entitled "KEYBOARD" ("APPLICATION"), which: recuted PATENT ASSIGNMENT. ASSIGNOR hereby ASSIGNEE'S legal representatives, of Banner & set NW, Eleventh Floor, Washington, DC 20001-4597, customer number 28319, to insert here in parenthesis $\frac{6}{7}$ , $\frac{73}{16}$ filled $\frac{08}{22}$ , $\frac{2005}{2005}$ this APPLICATION's liting date, when known;
Microsoft Corporation, a Wasi successors and assigns ("ASSIGNEE"), is en exclusive rights, title and interest in the INVE applications and patents derived therefrom, states, its territories, and all foreign countries For good and valuable considing by the ASSIGNOR, the ASSIGNOR hereby a entire and exclusive rights, title and interest in APPLICATION DERIVATIVES);  ASSIGNOR agrees to execute making and prosecution of the APPLICATION.	hington Corporation, on behalf of itself and its nititled to, and is desirous of acquiring, the entire and NTION and the APPLICATION (and all other such as continuing applications, in and for the United ("APPLICATION DERIVATIVES")); lengtion, 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 and for the purpose of protecting and perfecting title to
DATE	Daniel G. O'Neil
08/24/05- DATE	Steven W. Fisher
DATE	Ferdinand Johannes van Engelen
DATE	Ferdinand Johannes van Engelen Oliver Felix Grabes

Page t of 1

10-05-2005

## **PATENT ASSIGNMENT**

	laimed in a patent application entitled will be filed without this executed Prauthorizes, and requests, ASSIGNE Witcoff, LTD., 1001 G Street NW, E who are associated with customer r	e invented subject matter ("INVENTION") I "KEYBOARD" ("APPLICATION"), which: ATENT ASSIGNMENT. ASSIGNOR hereby E'S legal representatives, of Banner & Ieventh Floor, Washington, DC 20001-4597, number 28319, to insert here in parenthesis d 08/22/2005 ) this APPLICATION's when known;
Microsuccessors and as exclusive rights, tith applications and pastates, its territories For by the ASSIGNOR	tle and interest in the INVENTION an atents derived therefrom, such as co es, and all foreign countries ("APPLIC good and valuable consideration, the t, the ASSIGNOR hereby sells, assig	rporation, on behalf of itself and its nd is desirous of acquiring, the entire and d the APPLICATION (and all other ntinuing applications, in and for the United ATION DERIVATIVES")); a receipt of which is hereby acknowledged and transfers to the ASSIGNEE, the
APPLICATION DE ASS making and prosec regarding letters pa	SIGNOR agrees to execute all instruicution of the APPLICATION (and AP atent derived therefrom, and for the plant APPLICATION DERIVATIVES	ments and documents required for the PLICATION DERIVATIVES), for litigation outpose of protecting and perfecting title to
DATE	Da	niel G. O'Neil
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DATE 92705	Ste	ven W. Fisher
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## PATENT ASSIGNMENT

disclosed and/or claimed in a patent a  will be filed without authorizes, and rec Witcoff, LTD., 100 who are associate (U.S. Şerial No. 29	Steven W. Fisher, Ferdinand Johannes van Engelen, Oliver (SIGNORS"), have invented subject matter ("INVENTION") application entitled "KEYBOARD" ("APPLICATION"), which: It this executed PATENT ASSIGNMENT. ASSIGNOR hereby quests, ASSIGNEE'S legal representatives, of Banner & 1 G Street NW, Eleventh Floor, Washington, DC 20001-4597, d with customer number 28319, to insert here in parenthesis $\frac{9/236,730}{1000}$ , filed $\frac{08/22/2005}{10000}$ ) this APPLICATION's er and filing date, when known;
☐ was filed on ☐ is filed concurrently	and was given U.S. Serial No; y herewith;
successors and assigns ("ASSIGNEE" exclusive rights, title and interest in the applications and patents derived there States, its territories, and all foreign co	a Washington Corporation, on behalf of itself and its "), is entitled to, and is desirous of acquiring, the entire and e INVENTION and the APPLICATION (and all other from, such as continuing applications, in and for the United buntries ("APPLICATION DERIVATIVES"));
by the ASSIGNOR, the ASSIGNOR he	consideration, the receipt of which is hereby acknowledged ereby sells, assigns and transfers to the ASSIGNEE, the terest in the INVENTION and the APPLICATION (and
making and prosecution of the APPLIC	execute all instruments and documents required for the CATION (and APPLICATION DERIVATIVES), for litigation rom, and for the purpose of protecting and perfecting title to N DERIVATIVES).
DATE	Daniel G. O'Neil
DATE	Steven W. Fisher
DATE	Ferdinand Johannes van Engelen
DATE	Oliver Felix Grabes
10/7/05	Shan July Philipp Steine
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**RECORDED: 10/20/2005**