PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Dan Odell	11/24/2009
Monique Chatterjee	11/26/2009
Hua Wang	11/24/2009
Young Soo Kim	12/01/2009
Ralf Groene	11/24/2009

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:	29351305

CORRESPONDENCE DATA

Fax Number: (202)824-3001

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

202-824-3000 Phone:

Email: aanderson@bannerwitcoff.com

Correspondent Name: Chunhsi Andy Mu

Address Line 1: 1100 13th Street, N.W., Suite 1200

WASHINGTON, DISTRICT OF COLUMBIA 20005-4051 Address Line 4:

ATTORNEY DOCKET NUMBER:	013797.05042
NAME OF SUBMITTER:	Chunhsi Andy Mu

PATENT

REEL: 023612 FRAME: 0548

501033406

Total Attachments: 1

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PATENT REEL: 023612 FRAME: 0549

PATENT ASSIGNMENT

WE, Dan Odell, Mor	nique Chatterjee, Hua Wang, Young Soo Kim and Ralf
	COTED SUDJECT MOSTAY ("INIVENITIONIN SISSISSISSISSISSISSISSISSISSISSISSISSIS
eramined in a paterit application eliti	ued "KEY FOR A KEYBOARD" ("APPLICATION") which
Will be filed with	Out this executed PATENT ASSIGNMENT ASSIGNABLE
neteby authoriz	e and request ASSIGNEE'S legal representatives, of Bonney
G VIICON, LID.,	TIVU ISIN SIJEEI NVV. Sijite 1200 Machinatan, D.C. 16465
narenthesis (113	issociated with customer number 28319, to insert here in
APPLICATION'S	3. Serial No. 29/351,305, filed December 3, 2009) this is U.S. Serial Number and filing date, when known;
was filed on	and was given U.S. Serial No;
is filed concurre	ntly herewith:
Successors and assigns ("ASSIGNE	n, a Washington Corporation, on behalf of itself and its E"), is entitled to, and is desirous of acquiring, the entire
and evelosive lights, fittle stid littleter	SUD IDE INVENTION and the ADDLICATION (and all all all a
abbucanous and hatelits delined flie	(CifOM, SUCh as continuing applications, in and for the
United States, its territories, and all	foreign countries ("APPLICATION DERIVATIVES"));
For good and valuable	e consideration, the receipt of which is baraby
- acknowledged by the ASSIGNORS.	the ASSIGNORS hereby sell, assign and transfer to the
ASSIGNEE, the chille and exclusive	Fights, title and interest in the INV/ENTION and the
APPLICATION (and APPLICATION	DERIVATIVES);
ASSIGNORS agree t	o execute all instruments and documents required for the
making and prosecution of the APPL	ICATION (and APPLICATION DERIVATIVES) for litigation
to the APPLICATION (and APPLICA	efrom, and for the purpose of protecting and perfecting title
to the Air Electron (and Applica	ATION DERIVATIVES).
11-24- A8	$O \rightarrow O \bigcirc $
11-24-09	Do I com
DATE	Dan Odell
11/26/09	Marine alter a la
DATE /	Monique Chatterjee
11/24/57	Vin wit
DATE /	
DATE /	Hua Wang
12/1/01	γ_{\wedge}
DATE ,	Young Soo Kim
10 100	
1125107	
DATE	Ralf Greene

RECORDED: 12/07/2009

PATENT REEL: 023612 FRAME: 0550