Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
John Ikeda	01/17/2007	
Carl J. Ledbetter	01/20/2007	
Steven T. Kaneko	01/30/2007	
John Dan Mabry	06/01/2007	

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:	29248483

CORRESPONDENCE DATA

Fax Number: (202)824-3001

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

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Correspondent Name: Banner Witcoff, Ltd.

Address Line 1: 1100 13th Street NW, 12th Floor

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

ATTORNEY DOCKET NUMBER:	13797.02385 JMF	
NAME OF SUBMITTER:	John M. Fleming	

Total Attachments: 5

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PATENT REEL: 019428 FRAME: 0532

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PATENT REEL: 019428 FRAME: 0533

MS Docket No. 317821.01 OC Docket No. 013797.02385

PATENT ASSIGNMENT

WE, John Ikeda, Carl J. Ledbetter, Steven T. Kaneko, and John Dan Mabry
("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent
application entitled "RECEIVER DEVICE" ("APPLICATION"), which:
will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby
authorizes, and requests, ASSIGNEE'S legal representatives, of Banner &
Witcoff, LTD., 1001 G Street NW, Eleventh Floor, Washington, DC 20001-4597,
who are associated with customer number 28319, to insert here in parenthesis
(U.S. Serial No, filed) this APPLICATION's
U.S. Serial Number and filing date, when known;
\boxtimes was filed on <u>08/17/06</u> and was given U.S. Serial No. <u>29/248,483</u> ;
is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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);

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PATENT REEL: 019428 FRAME: 0534 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).

17 Jan 2007	Jely Hh
DATE	John Ikeda
DATE	Carl J. Ledbetter
DATE	Steven T. Kaneko
DATE	John Dan Mahry

MS Docket No. 317821.01 OC Docket No. 013797.02385

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 / 20/0-7	John Ikeda	
DATE	Carl J. Ledbetter	
DATE	Steven T. Kaneko	
DATE	John Dan Mabry	

MS Docket No. 317821,01 OC Docket No. 013797,02385

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	John Ikeda
DATE	Carl J. Ledbetter
1/30/07	20
DATE	Steven T. Kaneko
DATE	John Dan Mabry

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	John Ikeda	
	 Carl J. Ledbetter	
DATE	Steven T. Kaneko	

06.01.2007

RECORDED: 06/14/2007

DATE

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PATENT **REEL: 019428 FRAME: 0538**