

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ivan Tashev</td> <td>03/21/2007</td> </tr> <tr> <td>Alejandro Acero</td> <td>03/21/2007</td> </tr> <tr> <td>Byung-Jun Yoon</td> <td>03/21/2007</td> </tr> </tbody> </table>		Name	Execution Date	Ivan Tashev	03/21/2007	Alejandro Acero	03/21/2007	Byung-Jun Yoon	03/21/2007
Name	Execution Date								
Ivan Tashev	03/21/2007								
Alejandro Acero	03/21/2007								
Byung-Jun Yoon	03/21/2007								
RECEIVING PARTY DATA									
Name:	Microsoft Corporation								
Street Address:	One Microsoft Way								
City:	Redmond								
State/Country:	WASHINGTON								
Postal Code:	98052								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11689628</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11689628				
Property Type	Number								
Application Number:	11689628								
CORRESPONDENCE DATA									
Fax Number:	(805)278-8064								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(805) 278-8855								
Email:	ashley@cuttingedgepatents.com								
Correspondent Name:	Lyon & Harr, LLP								
Address Line 1:	300 Esplanade Dr., Suite 800								
Address Line 4:	Oxnard, CALIFORNIA 93036								
ATTORNEY DOCKET NUMBER:	MCS-020-07								
NAME OF SUBMITTER:	Katrina A. Lyon								
Total Attachments: 2 source=MS#319176.01 MCS-020-07 Assignment#page1.tif source=MS#319176.01 MCS-020-07 Assignment#page2.tif									

OP \$40.00 11689628

PATENT

500264973

REEL: 019209 FRAME: 0949

MS Docket No. MS 319176.01
(OC Docket No. MCS-020-07)

PATENT ASSIGNMENT

I/WE, IVAN TASHEV, ALEJANDRO ACERO, BYUNG-JUN YOON ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ROBUST ADAPTIVE BEAMFORMING WITH ENHANCED NOISE SUPPRESSION" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of LYON & HARR, LLP, 300 Esplanade Drive, Suite 800, Oxnard, CA 93036, who are associated with customer number 27662, to insert here in parenthesis (U.S. Serial No. 11/689,628, filed 3/22/2007) this APPLICATION's U.S. Serial Number and filing date, when known;
- was filed on and was given U.S. Serial No.;
- 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);

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).

3/21/2007
DATE

Ivan Tashev
Ivan Tashev

3/21/2007
DATE

Alejandro Acero
Alejandro Acero

DATE

Byung-Jun Yoon

MS Docket No. MS 319176.01
(OC Docket No. MCS-020-07)

PATENT ASSIGNMENT

**I/WE, IVAN TASHEV, ALEJANDRO ACERO, BYUNG-JUN YOON ("ASSIGNOR"), have
invented subject matter ("INVENTION") disclosed and/or claimed in a patent application
entitled "ROBUST ADAPTIVE BEAMFORMING WITH ENHANCED NOISE
SUPPRESSION" ("APPLICATION"), which:**

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of LYON & HARR, LLP, 300 Esplanade Drive, Suite 800, Oxnard, CA 93036, who are associated with customer number 27662, to insert here in parenthesis (U.S. Serial No. 11/669,626, filed 3/22/2007) this APPLICATION's U.S. Serial Number and filing date, when known;
- was filed on and was given U.S. Serial No.;
- 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);

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).

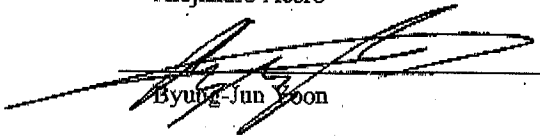
DATE

Ivan Tashev

DATE

Alejandro Acero

03/21/2007
DATE


Byung-Jun Yoon