

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>James G. Droppo</td><td>04/10/2007</td></tr><tr><td>Alejandro Acero</td><td>04/17/2007</td></tr><tr><td>Luis Buera</td><td>04/11/2007</td></tr></tbody></table>		Name	Execution Date	James G. Droppo	04/10/2007	Alejandro Acero	04/17/2007	Luis Buera	04/11/2007
Name	Execution Date								
James G. Droppo	04/10/2007								
Alejandro Acero	04/17/2007								
Luis Buera	04/11/2007								
RECEIVING PARTY DATA									
Name:	Microsoft Corporation								
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Internal Address:	Patent Docketing Department								
City:	Redmond								
State/Country:	WASHINGTON								
Postal Code:	98052								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11788323</td></tr></tbody></table>		Property Type	Number	Application Number:	11788323				
Property Type	Number								
Application Number:	11788323								
CORRESPONDENCE DATA									
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ATTORNEY DOCKET NUMBER:	M61.12-1323								
NAME OF SUBMITTER:	Joseph R. Kelly								
Total Attachments: 2									

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MS Docket No. 320018.02
(OC Docket No. M61.12-1323)

PATENT ASSIGNMENT

We, James G. Droppo, Alejandro Acero and Luis Buera (each "ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "A PITCH MODEL FOR NOISE ESTIMATION" ("APPLICATION"), which:

- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Westman Champlin & Kelly P.A., 900 Second Ave. S., Suite 1400, Minneapolis, MN 55402-3319, who are associated with customer number 27366, to insert here in parenthesis (U.S. Serial No. 11/788,323, filed April 19, 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).

April 10, 2007
DATE

April 17, 2007
DATE

DATE

James G. Droppo
James G. Droppo

Alejandro Acero
Alejandro Acero

Luis Buera
Luis Buera

PATENT ASSIGNMENT

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DATE

James G. Droppo

DATE

Alejandro Acero

April 11th 2007

DATE

Luis Buera

PATENT