Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| Michael Seltzer | 11/17/2006 |
| Alejandro Acero | 11/17/2006 |
| Amarnag Subramanya | 11/17/2006 |

RECEIVING PARTY DATA

| Name: | Microsoft Corporation | |
|-------------------|-----------------------------|--|
| Street Address: | One Microsoft Way | |
| Internal Address: | Patent Docketing Department | |
| City: | Redmond | |
| State/Country: | WASHINGTON | |
| Postal Code: | 98052 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 11601959 | |

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| ATTORNEY DOCKET NUMBER: | M61.12-1231 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | Joseph R. Kelly |

PATENT REEL: 018988 FRAME: 0038

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Total Attachments: 1

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PATENT REEL: 018988 FRAME: 0039 The terms

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MS Docket No. 318253.01 (OC Docket No. M61.12-1231)

PATENT ASSIGNMENT

We, Michael Seltzer, Alejandro Acero, and Amarnag Subramanya (each "ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "REMOVAL OF NOISE, CORRESPONDING TO USER INPUT DEVICES FROM AN AUDIO SIGNAL" ("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., Suite1400, |
| Minneapolis, MN 55402-3319, who are associated with customer |
| number 27366, to insert here in parenthesis |
| (U.S. Serial No. 11/601.959 , filed November 20, 2006) 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; |
| to the last and the most |

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).

| 11/17/2006 | 10000 |
|------------|--------------------|
| DATE | Michael Seltzer |
| 11/17/2006 | Adap |
| DATE | Alejandro Acero |
| 11/17/2006 | Mmus |
| DATE | Amarnag Subramanya |

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RECORDED: 03/09/2007 REEL: 018988 FRAME: 0040