Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Zhengyou Zhang | 01/24/2006 |
| An Xu | 01/26/2006 |
| Chunhui Zhang | 01/26/2006 |

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: | 11340313 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: M61.12-1072

NAME OF SUBMITTER: Brian D. Kaul

Total Attachments: 2

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PATENT REEL: 017241 FRAME: 0940

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PATENT REEL: 017241 FRAME: 0941

| We, Zhengyou Zhang, A invented subject matter ("INVENTION" "VIDEO NOISE REDUCTION" ("APPLICATION" ("APPLICATION" ("APPLICATION" ("APPLICATION" ("APPLICATION" ("APPLICATION" & Kelly P. 55402-3319, who a here in parenthesis (U.S. Serial No. 11 APPLICATION's U.S. Question of the concurrently Microsoft Corporation, a successors and assigns ("ASSIGNEE"), exclusive rights, title and interest in the applications and patents derived there united States, its territories, and all for for good and valuable acknowledged by the ASSIGNOR, the ASSIGNEE, the entire and exclusive rights (and APPLICATION DEI ASSIGNOR agrees to exclusive rights). | uests, ASSIGNEE'S legal representatives, of Westman A., 900 Second Ave. S., Suite1400, Minneapolis, MN are associated with customer number 27366, to insert [/340,313], filed January 26, 2006] this Serial Number and filing date, when known; and was given U.S. Serial No; herewith; Washington Corporation, on behalf of itself and itself is entitled to, and is desirous of acquiring, the entire are INVENTION and the APPLICATION (and all other efform, such as continuing applications, in and for the relign countries ("APPLICATION DERIVATIVES")); consideration, the receipt of which is hereby ASSIGNOR hereby sells, assigns and transfers to the ghts, title and interest in the INVENTION and the RIVATIVES); xecute all instruments and documents required for the CATION (and APPLICATION DERIVATIVES), for litigation from, and for the purpose of protecting and perfecting | .by |
|---|---|-----|
| DATE | An Xu | |
| DATE | Chunhui Zhang | |

PATENT

REEL: 017241 FRAME: 0942

MS Docket No. 315255.01 (OC Docket No. M61.12-1072)

PATENT ASSIGNMENT

| We, Zhengyou Zhang, An Xu, and Chunhui Zhang (each"ASSIGNOR"), have |
|---|
| invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled |
| "VIDEO NOISE REDUCTION" ("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. 11/340,313 , filed January 26, 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;

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 | Zhengyou Zhang |
|---------------|----------------|
| 2006.1.26 | An Xu |
| DATE | An Xu |
| Jan. 26. 2006 | Chunhui zhang |
| DATE | Chunhui Zhana |

PATENT REEL: 017241 FRAME: 0943 "

RECORDED: 03/02/2006