

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3279792

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| RANDALL T. CRANE | 12/12/2012 |
| ROD G. FLECK | 12/17/2012 |
| JEDD PERRY | 12/13/2012 |
| 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: | 13720396 |
| CORRESPONDENCE DATA | |
| Fax Number: | (415)489-4150 |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | |
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| Address Line 1: | 575 MARKET STREET, SUITE 3750 |
| Address Line 4: | SAN FRANCISCO, CALIFORNIA 94105 |
| ATTORNEY DOCKET NUMBER: | 1658US0 |
| NAME OF SUBMITTER: | BRIAN I. MARCUS |
| SIGNATURE: | /Brian I. Marcus/ |
| DATE SIGNED: | 03/24/2015 |
| Total Attachments: 6 | |
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I Randall T. Crane ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SINGLE FREQUENCY TIME OF FLIGHT DE-ALIASING" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on December 19, 2012 and given Application No. 13/720,396 by the following Office U.S. Patent Office) this APPLICATION's Application No., filing date, and Office, when known;

☐ was filed on _____ and was given Application No. _____ by the following Office
" _____ " ,

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"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

| Application No. | Filing Date | Office |
|-----------------|-------------|--------|
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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, ASSIGNOR's 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).

| | |
|-------------------------|--|
| <u>Randall T. Crane</u> | <u>12/12/12</u> |
| Inventor's Signature | Date |
| <u>Randall T. Crane</u> | |
| Printed Name in English | Printed Name in Native Language (if other than English) |

MS Docket No.: 337128.01

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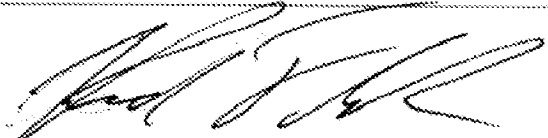
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PATENT ASSIGNMENT

MS Docket No.: 337128.01

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| | |
|---|--|
|  | <u>12/17/2012</u> |
| Inventor's Signature | Date |
| Rod G. Fleck | |
| Printed Name in English | Printed Name in Native Language (if other than English) |

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☐ was filed on _____ and was given Application
No. _____ by the following Office
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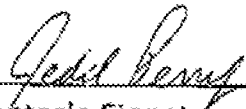
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[illegible]

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| | |
|--|---|
|  _____ Inventor's Signature | <u>12/12/2012</u> _____ Date |
| <u>Jedd Perry</u> _____ Printed Name in English | _____ Printed Name in Native Language (if other than English) |