Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| Naizhi Li | 06/14/2010 |
| Maimoon Nasim | 06/11/2010 |
| Matthew A Goldberg | 06/14/2010 |
| Jeroen Vanturennout | 06/14/2010 |
| Ranjib Badh | 06/14/2010 |
| Arjmand Samuel | 06/14/2010 |
| Satvir Randhawa | 06/14/2010 |
| Alex Odle | 06/14/2010 |

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: | 12817943 |

CORRESPONDENCE DATA

Fax Number: (412)202-5017

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 425-882-8080

Email: sbartl@kacvinskylaw.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER: 329394.01

501208177 PATENT
REEL: 024554 FRAME: 0159

OP \$40,00 1281794

| NAME OF SUBMITTER: | John F Kacvinsky |
|--|------------------|
| Total Attachments: 8 source=329394-01-Assignment#page1.tif | |
| source=329394-01-Assignment#page2.tif source=329394-01-Assignment#page3.tif | |
| source=329394-01-Assignment#page4.tif | |
| source=329394-01-Assignment#page6.tif source=329394-01-Assignment#page7.tif | |
| source=329394-01-Assignment#page8.tif | |

PATENT REEL: 024554 FRAME: 0160

I/WE, Naizhi Li ("ASSIGNOR"), Maimoon Nasim ("ASSIGNOR"), Matthew Goldberg ("ASSIGNOR"), Jeroen Vanturennout ("ASSIGNOR"), Ranjib Badh ("ASSIGNOR"), Arjmand Samuel ("ASSIGNOR"), Satvir Randhawa ("ASSIGNOR"), and Alex Odle ("ASSIGNOR") have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TECHNIQUES TO SHARE BINARY CONTENT" ("APPLICATION"), which:

| | will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR |
|-----------|---|
| | hereby authorizes, and requests, ASSIGNEE'S legal representatives, of |
| | the Law and Corporate Affairs Department, Microsoft Corporation, One |
| | Microsoft Way, Redmond, Washington 98052, who are associated with |
| | customer number 69316, to insert here in parenthesis (Application No. |
| | , filed) this APPLICATION's Application No. and |
| | filing date, when known; |
| | was filed on and was given Application No; |
| Terrent L | 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).

| Majbu Ai | June 14th 2010 |
|--------------------------------------|---|
| Inventor's Signature | Date |
| Naizhi Li Printed Name in English | 手乃が Printed Name in Native Language (if other than English) |
| Inventor's Signature | Date |
| Maimoon Nasim | |
| Printed Name in English | Printed Name in Native Language (if other than English) |
| Made A Segli Inventor's Signature | June 14th 2010 Date |
| Matthew Coldberg | <u>v/a</u> |
| Printed Name in English | Printed Name in Native Language (if other than English) |

Inventor's Signature Date Jeroen van Turennout Jeroen Vanturennout Printed Name in English Printed Name in Native Language (if other than English) Inventor's Signature Date Ranjib Badh Printed Name in English Printed Name in Native Language (if other than English) 6/14/2010 Inventor's Signature Date Arjmand Samuel Printed Name in English Printed Name in Native Language (if other than English) Inventor's Signature Date Satvir Randhawa

Printed Name in English

Printed Name in Native Language (if

other than English)

MS Docket No.: 329394.01

Inventor's Signature

Alex Odle

Printed Name in English

Printed Name in English

Odd Alex Odle

Printed Name in Native Language (if other than English)

entitled "TECHNIQUES TO SHARE BINARY CONTENT" ("APPLICATION"), which:

I/WE, Naizhi Li ("ASSIGNOR"), Maimoon Nasim ("ASSIGNOR"), Matthew Goldberg ("ASSIGNOR"), Jeroen Vanturennout ("ASSIGNOR"), Ranjib Badh ("ASSIGNOR"), Arjmand Samuel ("ASSIGNOR"), Satvir Randhawa ("ASSIGNOR"), and Alex Odle ("ASSIGNOR") have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application

| \square | will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR |
|-----------|---|
| | hereby authorizes, and requests, ASSIGNEE'S legal representatives, of |
| | the Law and Corporate Affairs Department, Microsoft Corporation, One |
| | Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No, filed) this APPLICATION's Application No. and |
| | filing date, when known; |
| | was filed on and was given Application 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);

MS Docket No.: 329394.01

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).

| Inventor's Signature | Date |
|-------------------------|---|
| Naizhi Li | |
| Printed Name in English | Printed Name in Native Language (if other than English) |
| manner Jen | 06/11/2010 |
| Inventor's Signature | Date |
| Maimoon Nasim | |
| Printed Name in English | Printed Name in Native Language (if other than English) |
| | |
| Inventor's Signature | Date |
| Matthew Goldberg | |
| Printed Name in English | Printed Name in Native Language (if |

| MS | Dock | cet | No.: | 329394.01 |
|----|------|-----|------|-----------|
| | | | | |

| nventor's Signature | Date |
|--|---|
| leroen Vanturennout | |
| Printed Name in English | Printed Name in Native Language (if other than English) |
| Inventor's Signature | Date |
| Ranjib Badh | |
| Printed Name in English | Printed Name in Native Language (if other than English) |
| Inventor's Signature | Date |
| ************************************** | |
| Arjmand Samuel | |
| Printed Name in English | Printed Name in Native Language (if other than English) |
| | |
| Inventor's Signature | Date |
| Satvir Randhawa | |
| Printed Name in English | Printed Name in Native Language (if other than English) |

Inventor's Signature Date

Alex Odle

Printed Name in English Printed Name in Native Language (if other than English)

Page 4 of 4

PATENT REEL: 024554 FRAME: 0168