#### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

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

#### **CONVEYING PARTY DATA**

| Name          | Execution Date |
|---------------|----------------|
| Adrian Travis | 07/26/2010     |
| Timothy Large | 08/02/2010     |

#### **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: | 12849685 |

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ATTORNEY DOCKET NUMBER: 328851.01

NAME OF SUBMITTER: Gopal Sharma

Total Attachments: 4

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PATENT REEL: 024791 FRAME: 0418

## PATENT ASSIGNMENT MS Docket No.: 328851.01

| matter ("INVENTION") disclementary ("INVENTION") disclementary ("RESOLUTION ENHANCEMENTARY will be filed hereby author the Law and Microsoft Wastomer nu   | without this executed PATENT ASSIGNMENT. ASSIGNOR rizes, and requests, ASSIGNEE'S legal representatives, of Corporate Affairs Department, Microsoft Corporation, One y, Redmond, Washington 98052, who are associated with mber 69316, to insert here in parenthesis (Application No. filed) this APPLICATION's Application No. and |
|--|---|
| successors and assigns ("AS entire and exclusive rights, (and all other applications applications, in and for the ("APPLICATION DERIVATIVES"  For good and valu acknowledged by the ASSIGNEE, the entire and the APPLICATION (and APPLICATION agrees to making and prosecution of litigation regarding letters pages | able consideration, the receipt of which is hereby IOR, the ASSIGNOR hereby sells, assigns and transfers to exclusive rights, title and interest in the INVENTION and   |
| X Adrian Travis  | 07/2010<br><b>K</b>   |
| Inventor's Signature   | Date  |

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| Adrian Travis        | Printed Name in Native Language (if other than English) |
|----------------------|---|
| Inventor's Signature | Date  |
| Timothy Large        | Printed Name in Native Language (if other than English) |

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| matter ("INVENTION") disclosed and/or "RESOLUTION ENHANCEMENT" ("APPLICATION") will be filed without this hereby authorizes, and return the Law and Corporate Afford Microsoft Way, Redmond, customer number 69316, to, filed, filed, filing date, when known;  | executed PATENT ASSIGNMENT. ASSIGNOR quests, ASSIGNEE'S legal representatives, of airs Department, Microsoft Corporation, One Washington 98052, who are associated with to insert here in parenthesis (Application No |
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| is filed concurrently nerew   | itn;  |
| successors and assigns ("ASSIGNEE"), is entire and exclusive rights, title and inter (and all other applications and patent applications, in and for the United State ("APPLICATION DERIVATIVES"));  For good and valuable consideracknowledged by the ASSIGNOR, the ASSIGNEE, the entire and exclusive right the APPLICATION (and APPLICATION DERIVATION CASSIGNOR agrees to execute all in making and prosecution of the APPLICATION. | struments and documents required for the TION (and APPLICATION DERIVATIVES), for therefrom, and for the purpose of protecting   |
| Inventor's Signature  | Date  |
| Adrian Travis   | Printed Name in Native Language (if   |

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other than English)

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M\$ Docket No.: 328851.01

Timothy Large

Timothy Large

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