PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Manu Manianchira | 12/03/2010 |
| Prabu Raju | 12/03/2010 |

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: | 12961142 | |

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ATTORNEY DOCKET NUMBER: 331423.01

NAME OF SUBMITTER: Anup Kumar

Total Attachments: 2

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PATENT ASSIGNMENT

I/WE, Manu Manianchira, Prabu Raju ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "HOST IP REPUTATION" ("APPLICATION"), which:

| • | T II |
|------------------|--|
| REPUTATION" (| ("APPLICATION"), which: |
| X | 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. 12/961142, filed |
| | 12/06/2010) this APPLICATION's Application No. and filing date, when known; |
| | was filed on and was given Application No; |
| | is filed concurrently herewith; |
| N | Nicrosoft Corporation, a Washington Corporation, on behalf of itself and its |
| successors and | d 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 ar | nd patents derived therefrom, such as continuing applications, in and for the |
| United States, | its territories, and all foreign countries ("APPLICATION DERIVATIVES")); |
| F | or 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 |
| | osecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation |
| | ers patent derived therefrom, and for the purpose of protecting and perfecting |
| title to the APP | PLICATION (and APPLICATION DERIVATIVES). |
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| | |
| Inventor's S | ignature A / Date |
| | 12/3/2010 |

Page 1 of 2

Manu Manianchira

Printed Name in English

MANU MANIANCHIRA

Printed Name in Native Language (if

other than English)

| Inventor's Signature Prabu Raju | Date [2/03/2010 |
|------------------------------------|---|
| Printed Name in English PRABU RAJU | Printed Name in Native Language (if other than English) |