Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| Eric J. Horvitz | 06/28/2007 |
| Shamsi Tamara Iqbal | 06/22/2007 |
| Murugesan S. Subramani | 06/27/2007 |

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: | 11770772 |

CORRESPONDENCE DATA

Fax Number: (216)696-8731

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

Phone: 216-696-8730

Email: rstanford@thepatentattorneys.com

Correspondent Name: Amin, Turocy & Calvin, LLP
Address Line 1: 1900 East 9th Street, 24th Floor

Address Line 4: Cleveland, OHIO 44114

ATTORNEY DOCKET NUMBER: MS318734.01/MSFTP1586US

NAME OF SUBMITTER: Himanshu S. Amin

Total Attachments: 3

source=318734-01-Assign#page1.tif source=318734-01-Assign#page2.tif

PATENT REEL: 019497 FRAME: 0010

500305751

source=318734-01-Assign#page3.tif

| WE, ERIC J. HORVITZ, SHAMSI TAMA SUBRAMANI ("ASSIGNORS"), have invented subjec- and/or claimed in a patent application entitled "I | rt matter ("INVENTION") disclosed PRINCIPLES AND SYSTEM FOR |
|--|--|
| DISRUPTION DETECTION, MANAGEMENT, AND RE will be filed without this execution thereby authorize and request. | ted PATENT ASSIGNMENT. ASSIGNORS ASSIGNEE'S legal representatives, of The Floor, National City Center, 1900 E. |
| 9th Street, Cleveland, Ohio 44 | in parenthesis (U.S. Serial No. 11/770,772, APPLICATION'S U.S. Serial Number and |
| | as given U.S. Serial No; |
| its successors and assigns ("ASSIGNEE"), is entite entire and exclusive rights, title and interest in (and all other applications and patents derived applications, in and for the United States, its te | led to, and is desirous of acquiring, the the INVENTION and the APPLICATION therefrom, such as continuing rritories, and all foreign countries ion, the receipt of which is hereby |
| the ASSIGNEE, the entire and exclusive rights, t | restruments and documents required for |
| the making and prosecution of the APPLICATION litigation regarding letters patent derived there and perfecting title to the APPLICATION (and A | efrom, and for the purpose of protecting |
| DATE | ERIC J. HORVITZ |
| 06/22/07 | STephonel. |
| DATE | SHAMSI TAMARA IQBAL |
| DATE | MURUGESAN S. SUBRAMANI |

| WE, ERIC J. HORVITZ, SHAMSI TAM | ARA IQBAL, AND MURUGESAN S. | |
|--|---|--|
| SUBRAMANI ("ASSIGNORS"), have invented subje | ct matter ("INVENTION") disclosed | |
| and/or claimed in a patent application entitled " | SYSTEM AND METHODS FOR | |
| DISRUPTION DETECTION, MANAGEMENT, AND R | ECOVERY" ("APPLICATION"), which: | |
| will be filed without this execu | uted patent assignment. Assignors | |
| hereby authorize, and request | , ASSIGNEE'S legal representatives, of | |
| Amin, Turocy & Calvin, LLP, 24 | 4th Floor, National City Center, 1900 E. | |
| 9th Street, Cleveland, Ohio 44 | 114, who are associated with customer | |
| number 27195, to insert here | in parenthesis (U.S. Serial No. 11/770,772, | |
| filed 06-29-2007) this | APPLICATION'S U.S. Serial Number and | |
| filing date, when known; | | |
| | as given U.S. Serial No; | |
| is filed concurrently herewith | | |
| | ton Corporation, on behalf of itself and | |
| its successors and assigns ("ASSIGNEE"), is entit | led to, and is desirous of acquiring, the | |
| entire and exclusive rights title and interest in | the INVENTION and the APPLICATION | |
| 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 te | rritories, and all foreign countries | |
| ("APPLICATION DERIVATIVES"); | , | |
| For good and valuable considerati | ion, the receipt of which is hereby | |
| acknowledged by the ASSIGNORS, the ASSIGNO | RS hereby sell, assign and transfer to | |
| the ASSIGNEE, the entire and exclusive rights, t | irle and interest in the INVENTION and | |
| the APPLICATION (and APPLICATION DERIVATIV | | |
| ACCIONODE agree to execute all it | nstruments and documents required for | |
| the making and prosecution of the APPLICATIO | N (and APPLICATION DERIVATIVES), for | |
| litigation regarding letters patent derived there | from and for the purpose of protecting | |
| and perfecting title to the APPLICATION (and A | DDI ICATION DERIVATIVES) | |
| and perfecting title to the APPLICATION (and A | FFEICATION DERIVATIVES. | |
| | | |
| DATE | ERIC J. HORVITZ | |
| | • | |
| | | |
| DATE | SHAMSI TAMARA IQBAL | |
| f. 1. 06/27/2000 | CC-KBD | |
| | MURUGESAN S. SUBRAMANI | |
| DATE | Michael and a serial man | |

WE, ERIC J. HORVITZ, SHAMSI TAMARA IQBAL, AND MURUGESAN S. SUBRAMANI ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SYSTEM AND METHODS FOR DETECT ("APPLI

| , | ation entitled SYSTEM AND METHODS FOR |
|---|---|
| , | RECOVERY FROM TASK SUSPENSIONS" |
| ("APPLICATION"), which: | |
| | hout this executed PATENT ASSIGNMENT. ASSIGNORS |
| • | e, and request, ASSIGNEE'S legal representatives, of |
| • | Calvin, LLP, 24th Floor, National City Center, 1900 E. |
| • | land, Ohio 44114, who are associated with customer |
| | to insert here in parenthesis (U.S. Serial No. $\frac{11/770,772}{1}$ |
| filed <u>06-29-2007</u> |) this APPLICATION'S U.S. Serial Number and |
| filing date, wher | n known; |
| was filed on | and was given U.S. Serial No; |
| is filed concurre | • |
| • | on, a Washington Corporation, on behalf of itself and |
| - | GNEE"), is entitled to, and is desirous of acquiring, the |
| entire and exclusive rights, title a | nd interest in the INVENTION and the APPLICATION |
| • | tents derived therefrom, such as continuing |
| applications, in and for the United | d States, its territories, and all foreign countries |
| ("APPLICATION DERIVATIVES"); | |
| For good and valuab | ole consideration, the receipt of which is hereby |
| acknowledged by the ASSIGNORS, | the ASSIGNORS hereby sell, assign and transfer to |
| the ASSIGNEE, the entire and excl | usive rights, title and interest in the INVENTION and |
| the APPLICATION (and APPLICATION) | ON DERIVATIVES); |
| ASSIGNORS agree to | execute all instruments and documents required for |
| the making and prosecution of th | e APPLICATION (and APPLICATION DERIVATIVES), for |
| litigation regarding letters patent | derived therefrom, and for the purpose of protecting |
| and perfecting title to the APPLICA | ATION (and APPLICATION DERIVATIVES). |
| | |
| | |
| | 9/12/ |
| June 28, 2007 | 121 (C) |
| DATE | ERIC J. HORVITZ |
| | |

MURUGESAN S. SUBRAMANI DATE

SHAMSI TAMARA IQBAL

DATE

RECORDED: 06/29/2007