501790302 01/18/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| Young Soo Kim | 01/06/2012 |
| Peter Bristol | 01/06/2012 |
| Curtis Aumiller | 01/06/2012 |

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: | 29410508 |

CORRESPONDENCE DATA

Fax Number: (202)824-3001 Phone: (202) 824-3000

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Robert S. Katz c/o Banner & Witcoff, Ltd
Address Line 1: 1100 13th Street N.W., Suite 1200

Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

| ATTORNEY DOCKET NUMBER: | 013797.07886 |
|-------------------------|----------------|
| NAME OF SUBMITTER: | Robert S. Katz |

Total Attachments: 3 source=07886#page1.tif source=07886#page2.tif source=07886#page3.tif

> PATENT REEL: 027554 FRAME: 0322

CH \$40.00 294

PATENT ASSIGNMENT

| WE Young So | o Kim, Peter Bristol and Curt Aumiller ("ASSIGNO | RS") have |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| invented subject matter ("INVE | ENTION") disclosed and/or claimed in a patent ap | |
| hereby aut & Witcoff, I 4051, who parenthesi Number ar was filed on is filed con Microsoft Corpo successors and assigns ("ASS and exclusive rights, title and i applications and patents deriv United States, its territories, ar For good and v acknowledged by the ASSIGN ASSIGNEE, the entire and exc APPLICATION (and APPLICA ASSIGNORS a making and prosecution of the | d without this executed PATENT ASSIGNMENT. Ithorize and request ASSIGNEE'S legal represental LTD., 1100 13th Street NW, Suite 1200, Washingt are associated with customer number 28319, to it is (U.S. Serial No., filed) this APPLICATION'S U.S. and filing date, when known; an and was given U.S. Serial No.; Filed on 1-9-2 currently herewith; pration, a Washington Corporation, on behalf of its SIGNEE"), is entitled to, and is desirous of acquiring interest in the INVENTION and the APPLICATION and all foreign countries ("APPLICATION DERIVATION and all foreign countries ("APPLICATION DERIVATION), the ASSIGNORS hereby sell, assign and the clusive rights, title and interest in the INVENTION ATION DERIVATIVES); agree to execute all instruments and documents researched and for the purpose of protecting and the consideration and the purpose of protecting and the consideration and the INVENTION DERIVATIVES); agree to execute all instruments and documents researched and the purpose of protecting and the consideration, and for the purpose of protecting and the consideration and for the purpose of protecting and the consideration and for the purpose of protecting and the consideration and for the purpose of protecting and the consideration and for the purpose of protecting and the consideration and the consideratio | atives, of Banner ton, DC 20005- insert here in S. Serial 2012; (29/410,508) self and its ng, the entire N (and all other and for the FIVES")); bby ransfer to the and the equired for the ES), for litigation |
| 1/6/n | AA | |
| DATE | Young Soo Kim | |
| DATE | Peter Bristol | |
| DATE | Curt Aumiller | |

PATENT ASSIGNMENT

| invented subject t | E, Young Soo Kim, Peter Bristol and Curt Aumiller ("ASSIGNORS"), have matter ("INVENTION") disclosed and/or claimed in a patent application entitled IOUSE" ("APPLICATION"), which: |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | |
| لـــا Mi | erecett Corporation, a Washington Corporation, on behalf of itself and its |
| successors and a and exclusive riginal applications and United States, its Formacknowledged by ASSIGNEE, the APPLICATION (a Making and prospersions) letters. | assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire ents, title and interest in the INVENTION and the APPLICATION (and all other patents derived therefrom, such as continuing applications, in and for the territories, and all foreign countries ("APPLICATION DERIVATIVES")); or good and valuable consideration, the receipt of which is hereby the ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the entire and exclusive rights, title and interest in the INVENTION and the and APPLICATION DERIVATIVES); assignore to execute all instruments and documents required for the ecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation patent derived therefrom, and for the purpose of protecting and perfecting title ION (and APPLICATION DERIVATIVES). |
| DATE | Young Soo Kim |
| DATE | a M.C. |
| 1/6/2012 DATE | Left |
| DATE | Peter Bristol |
| | Curt Aumiller |
| DATE | Curt Auntiliei |

PATENT REEL: 027554 FRAME: 0324

PATENT ASSIGNMENT

| invented subject matter ("INVI"ELECTRONIC MOUSE" ("AF will be filed hereby aut & Witcoff, 4051, who parenthesis Number ar was filed on is filed con Microsoft Corpo successors and assigns ("ASS and exclusive rights, title and is applications and patents deriv United States, its territories, and | d without this executed PATENT ASSIGNMENT. thorize and request ASSIGNEE'S legal represent LTD., 1100 13th Street NW, Suite 1200, Washing are associated with customer number 28319, to is (U.S. Serial No., filed) this APPLICATION'S Und filing date, when known; on and was given U.S. Serial No.; Filed on 1-9-accurrently herewith; coration, a Washington Corporation, on behalf of its GIGNEE"), is entitled to, and is desirous of acquirinterest in the INVENTION and the APPLICATIO and therefrom, such as continuing applications, in all foreign countries ("APPLICATION DERIVA") | pplication entitled ASSIGNORS tatives, of Banner gton, DC 20005- insert here in I.S. Serial 2012; (29/410,508) tself and its ing, the entire N (and all other and for the TIVES")); |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| acknowledged by the ASSIGN | raluable consideration, the receipt of which is here IORS, the ASSIGNORS hereby sell, assign and the IORS is the INVENTION | transfer to the |
| APPLICATION (and APPLICA | • | |
| making and prosecution of the | gree to execute all instruments and documents re APPLICATION (and APPLICATION DERIVATIVE of the purpose of protecting an PLICATION DERIVATIVES). | /ES), for litigation |
| DATE | Young Soo Kim | |
| DATE | Peter Bristol | |
| 1-6-2012 | Manuel | |
| DATE | Gurt Aumiller Curtis | |

PATENT REEL: 027554 FRAME: 0325

RECORDED: 01/18/2012