

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | |
|---|------------------------------------|----------------|---------------------|------------|-----------------|------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | |
| CONVEYING PARTY DATA | | | | | | | |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Eric J. Horvitz</td><td>04/09/2001</td></tr><tr><td>Timothy S. Paek</td><td>04/09/2001</td></tr></tbody></table> | Name | Execution Date | Eric J. Horvitz | 04/09/2001 | Timothy S. Paek | 04/09/2001 | |
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| Eric J. Horvitz | 04/09/2001 | | | | | | |
| Timothy S. Paek | 04/09/2001 | | | | | | |
| RECEIVING PARTY DATA | | | | | | | |
| Name: | Microsoft Corporation | | | | | | |
| Street Address: | One Microsoft Way | | | | | | |
| City: | Redmond | | | | | | |
| State/Country: | WASHINGTON | | | | | | |
| Postal Code: | 98052 | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11100699</td></tr></tbody></table> | Property Type | Number | Application Number: | 11100699 | | | |
| Property Type | Number | | | | | | |
| Application Number: | 11100699 | | | | | | |
| CORRESPONDENCE DATA | | | | | | | |
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| NAME OF SUBMITTER: | Himanshu S. Amin | | | | | | |
| Total Attachments: 3 source=MS150907.03 - Assignment#page1.tif source=MS150907.03 - Assignment#page2.tif source=MS150907.03 - Assignment#page3.tif | | | | | | | |

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PATENT
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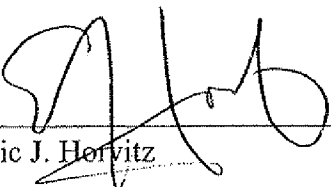
ASSIGNMENT

WHEREAS, we, Eric J. Horvitz and Timothy S. Paek (hereinafter referred to as ASSIGNORS), having post office addresses of 330 Waverly Way, Kirkland, Washington 98033 and 26520 SE 168th Street, Issaquah, Washington 98027, respectively, are the joint inventors of an invention entitled SYSTEM AND METHOD PROVIDING UTILITY-BASED DECISION MAKING ABOUT CLARIFICATION DIALOG GIVEN COMMUNICATIVE UNCERTAINTY, as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by said ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

ASSIGNMENT

Signed: 
Eric J. Horvitz

Date: 4/9/01

CERTIFICATE OF ACKNOWLEDGMENT

State of Washington

County of King

On 4/9/01 before me, Melissa Mael, Notary,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Eric J. Horvitz,
Name(s) of Signer(s)




✓ personally known to me - OR - proved to me on
the basis of satisfactory evidence to be the person
whose name is subscribed to the within instrument
and acknowledged to me that he executed the same in
his authorized capacity, and that by his signature on
the instrument the person, or the entity upon behalf of
which the person acted, executed the instrument.

WITNESS my hand and official seal.

Melissa Mael
Signature of Notary Public

ASSIGNMENT

Signed: 
Timothy S. Paek

Date: 4/9/01

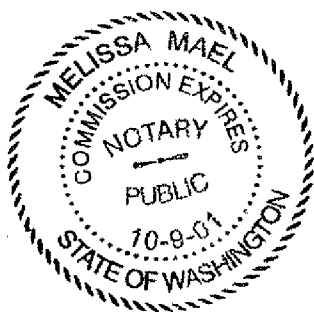
CERTIFICATE OF ACKNOWLEDGMENT

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Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Timothy S. Paek.
Name(s) of Signer(s)



☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.


Signature of Notary Public