

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jon D. Pulsipher	12/16/2010
Parham Mohadjer	12/16/2010
Nazeeh Amin EIDirghami	12/16/2010
Shao Liu	12/16/2010
Patrick Orville Cook	12/18/2010
James Chadon Foster	12/17/2010
Ronald Omega Forbes Jr.	12/17/2010
Szymon P. Stachniak	12/16/2010
Tommer Leyvand	12/17/2010
Joseph Bertolami	12/17/2010
Michael Taylor Janney	12/16/2010
Kien Toan Huynh	12/16/2010
Charles Claudius Marais	12/16/2010
Spencer Dean Perreault	12/17/2010
Robert John Fitzgerald	12/16/2010
Wayne Richard Bisson	12/16/2010

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:	12972341

CORRESPONDENCE DATA

501419564

PATENT
REEL: 025708 FRAME: 0891

CH \$40.00 12972341

Fax Number: (415)369-9665

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Email: hkim@vierramagen.com

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Address Line 2: Suite 2500

Address Line 4: San Francisco, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:

MSFT-01392US0

NAME OF SUBMITTER:

Larry E. Vierra

Total Attachments: 17

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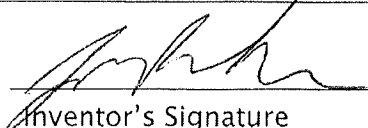
WE, Jon D. Pulsipher, Parham Mohadjer, Nazeeh Amin EDirghami, Shao Liu, Patrick Orville Cook, James Chadon Foster, Ronald Omega Forbes Jr., Szymon P. Stachniak, Tommer Leyvand, Joseph Bertolami, Michael Taylor Janney, Kien Toan Huynh, Charles Claudius Marais, Spencer Dean Perreault, Robert John Fitzgerald, Wayne Richard Bisson, and Craig Carroll Peeper ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VALIDATION ANALYSIS OF HUMAN TARGET" ("APPLICATION"), which:

- ☒ 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 47766, to insert here in parenthesis (Application No. 12/972,341, filed December 17, 2010) this APPLICATION's Application No. and filing date, when known;
- ☐ was filed on _____ and was given Application No. _____;
- ☐ is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and 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 and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For 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 making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

 _____ Inventor's Signature	<u>12/16/2010</u> _____ Date
<u>Jon D. Pulsipher</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Parham Mohadjer</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Nazeeh Amin EIDirghami</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Shao Liu</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Jon D. Pulsipher</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

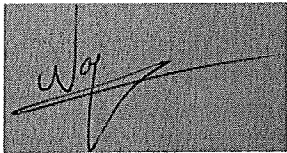
<u>P. Mohadjer</u> Inventor's Signature	<u>12/16/2010</u> Date
<u>Parham Mohadjer</u> Printed Name in English	<u>Parham Mohadjer</u> Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Nazeeh Amin ElDirghami</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Shao Liu</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Jon D. Pulsipher</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Parham Mohadjer</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

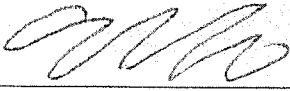
 _____ Inventor's Signature	<u>12/16/2010</u> _____ Date
<u>Nazeeh Amin ElDirghami</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)


_____ Inventor's Signature	_____ Date
<u>Shao Liu</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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<u>Jon D. Pulsipher</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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<u>Parham Mohadjer</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Nazeeh ElDirghami**</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>12/16/2010</u> _____ Date
<u>Shao Liu</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)


<u></u>	<u>12-18-2010</u>
Inventor's Signature	Date
<u>Patrick Orville Cook</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

<u></u>	<u></u>
Inventor's Signature	Date
<u>James Chadon Foster</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

<u></u>	<u></u>
Inventor's Signature	Date
<u>Ronald Omega Forbes Jr.</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

<u></u>	<u></u>
Inventor's Signature	Date
<u>Szymon P. Stachniak</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Patrick Orville Cook</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

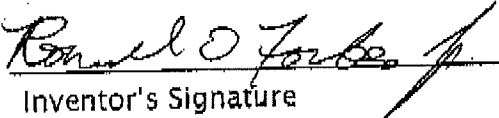
 Inventor's Signature	<u>12/17/2010</u> Date
<u>James Chadon Foster</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Ronald Omega Forbes Jr.</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Szymon P. Stachniak</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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<u>Patrick Orville Cook</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>James Chadon Foster</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

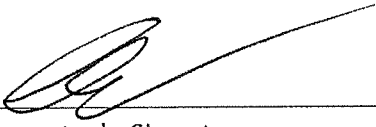
<u></u> Inventor's Signature	<u>12/17/2010</u> Date
<u>Ronald Omega Forbes Jr.</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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<u>Szymon P. Stachniak</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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<u>Patrick Orville Cook</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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<u>Ronald Omega Forbes Jr.</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>12/16/2010</u> _____ Date
<u>Szymon P. Stachniak</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

<u>T. C.</u>	<u>12/17/2010</u>
Inventor's Signature	Date
<u>Tommer Leyvand</u>	<u>TJ LVS 7/15/17</u>
Printed Name in English	Printed Name in Native Language (if other than English)

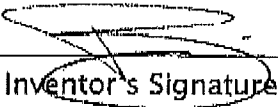
<u>Joseph Bertolami</u>	
Inventor's Signature	Date
<u>Joseph Bertolami</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

<u>Michael Taylor Janney</u>	
Inventor's Signature	Date
<u>Michael Taylor Janney</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

<u>Kien Toan Huynh</u>	
Inventor's Signature	Date
<u>Kien Toan Huynh</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

Atty. Docket No.: MSET-01392US0**PATENT ASSIGNMENT**MS Docket No.: 329926.01

_____ Inventor's Signature	_____ Date
<u>Tommer Leyvand</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

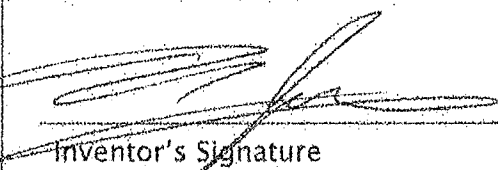
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<u>Joseph Bertolami</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Michael Taylor Janney</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Kien Toan Huynh</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

Inventor's Signature	Date
<u>Tommer Leyvand</u>	
Printed Name In English	Printed Name In Native Language (if other than English)

Inventor's Signature	Date
<u>Joseph Bertolami</u>	
Printed Name In English	Printed Name In Native Language (if other than English)

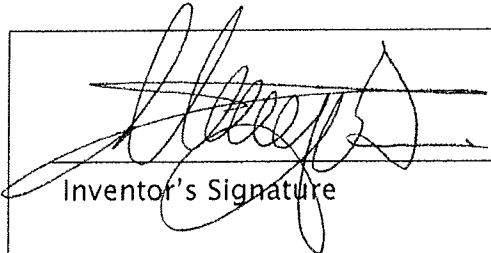
 Inventor's Signature	<u>12/16/10</u> Date
<u>Michael Taylor Janney</u>	
Printed Name In English	Printed Name In Native Language (if other than English)


Inventor's Signature	Date
<u>Kien Toan Huynh</u>	
Printed Name In English	Printed Name In Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Tommer Leyvand</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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<u>Joseph Bertolami</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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<u>Michael Taylor Janney</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>12/16/2010</u> _____ Date
<u>Kien Toan Huynh</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	_____ 16 Dec 2010 Date
<u>Charles Claudius Marais</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Spencer Dean Perreault</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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<u>Robert John Fitzgerald</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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<u>Wayne Richard Blisson</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Charles Claudius Marais</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)


<u>Spencer Perreault</u> Inventor's Signature	<u>12/17/10</u> Date
<u>Spencer Dean Perreault</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Robert John Fitzgerald</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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<u>Wayne Richard Bisson</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

Inventor's Signature	Date
<u>Charles Claudius Marais</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

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<u>Robert John Fitzgerald</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

<u>WR Bisson</u> Inventor's Signature	<u>12/16/2010</u> Date
<u>Wayne Richard Bisson</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)