

PATENT ASSIGNMENT

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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>Dong Yu</td> <td>08/06/2012</td> </tr> <tr> <td>Li Deng</td> <td>08/07/2012</td> </tr> <tr> <td>Frank Seide</td> <td>08/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Dong Yu	08/06/2012	Li Deng	08/07/2012	Frank Seide	08/10/2012		
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<table border="1"> <tr> <td>Name:</td> <td>Microsoft Corporation</td> </tr> <tr> <td>Street Address:</td> <td>One Microsoft Way</td> </tr> <tr> <td>City:</td> <td>Redmond</td> </tr> <tr> <td>State/Country:</td> <td>WASHINGTON</td> </tr> <tr> <td>Postal Code:</td> <td>98052</td> </tr> </table>		Name:	Microsoft Corporation	Street Address:	One Microsoft Way	City:	Redmond	State/Country:	WASHINGTON	Postal Code:	98052
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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>13597268</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13597268						
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Application Number:	13597268										
CORRESPONDENCE DATA											
<p>Fax Number: 4259367329 Phone: 425-707-9382 Email: vffiling@microsoft.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Assal Meftahi Address Line 1: One Microsoft Way Address Line 2: Patent Group Docketing Dept Address Line 4: Redmond, WASHINGTON 98052</p>											
ATTORNEY DOCKET NUMBER:	336454.01										
NAME OF SUBMITTER:	Amandeep Kaur										
<p>Total Attachments: 4 source=336454-01-Exec-Assignment#page1.tif source=336454-01-Exec-Assignment#page2.tif source=336454-01-Exec-Assignment#page3.tif source=336454-01-Exec-Assignment#page4.tif</p>											

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PATENT ASSIGNMENT

MS Docket No.: 336454.01



I/WE, Dong Yu, Li Deng, and Frank Seide ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COMPUTER-IMPLEMENTED DEEP TENSOR NEURAL NETWORK" ("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 69316, to insert here in parenthesis (Application No. 13/597268, filed 29-Aug-2012, 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	_____ Date
<u>Dong Yu</u>	<u>俞栋</u>
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 336454.01

<u>Li Deng</u>	<u>August 7, 2012</u>
Inventor's Signature	Date
<u>Li Deng</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

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

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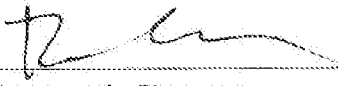
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_____ Inventor's Signature	_____ Date
<u>Dong Yu</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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<u>Li Deng</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

	<u>2012 / 8 / 10</u>
Inventor's Signature	Date
<u>Frank Seide</u>	
Printed Name in English	Printed Name in Native Language (if other than English)