

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>Jinyu Li</td><td>09/18/2008</td></tr><tr><td>Li Deng</td><td>09/16/2008</td></tr><tr><td>Dong Yu</td><td>09/16/2008</td></tr><tr><td>Yifan Gong</td><td>09/22/2008</td></tr><tr><td>Alejandro Acero</td><td>09/16/2008</td></tr></tbody></table> | Name | Execution Date | Jinyu Li | 09/18/2008 | Li Deng | 09/16/2008 | Dong Yu | 09/16/2008 | Yifan Gong | 09/22/2008 | Alejandro Acero | 09/16/2008 | |
| Name | Execution Date | | | | | | | | | | | | |
| Jinyu Li | 09/18/2008 | | | | | | | | | | | | |
| Li Deng | 09/16/2008 | | | | | | | | | | | | |
| Dong Yu | 09/16/2008 | | | | | | | | | | | | |
| Yifan Gong | 09/22/2008 | | | | | | | | | | | | |
| Alejandro Acero | 09/16/2008 | | | | | | | | | | | | |
| 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>12236530</td></tr></tbody></table> | Property Type | Number | Application Number: | 12236530 | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 12236530 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| Fax Number: | (425)936-7329 | | | | | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | | | |
| Phone: | 425-707-2290 | | | | | | | | | | | | |
| Email: | dbouton@microsoft.com | | | | | | | | | | | | |
| Correspondent Name: | Dianne Bouton | | | | | | | | | | | | |
| Address Line 1: | One Microsoft Way | | | | | | | | | | | | |
| Address Line 2: | Patent Group Docketing Dept | | | | | | | | | | | | |
| Address Line 4: | Redmond, WASHINGTON 98052 | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 324171.01 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Rahul Taneja | | | | | | | | | | | | |

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REEL: 021688 FRAME: 0665

Total Attachments: 6

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PATENT

REEL: 021688 FRAME: 0666

PATENT ASSIGNMENT

MS Docket No.: 324171.01


I/WE, Jinyu Li, Li Deng, Dong Yu, Yifan Gong and Alejandro Acero ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PHASE SENSITIVE MODEL ADAPTATION FOR NOISY SPEECH RECOGNITION" ("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. 12/236,530, filed 09/24/2008, 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>09/18/2008</u> _____ Date |
| Jinyu Li _____ Printed Name in English | 李锦宇 _____ Printed Name in Native Language (if other than English) |

PATENT ASSIGNMENT

MS Docket No.: 324171.01

| | |
|---|---|
| _____ Inventor's Signature | _____ Date |
| <u>Li Deng</u> Printed Name in English | _____ Printed Name in Native Language (if other than English) |

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

| | |
|--|---|
| _____ Inventor's Signature | _____ Date |
| <u>Yifan Gong</u> Printed Name in English | _____ Printed Name in Native Language (if other than English) |

| | |
|---|---|
| _____ Inventor's Signature | _____ Date |
| <u>Alejandro Acero</u> Printed Name in English | _____ Printed Name in Native Language (if other than English) |

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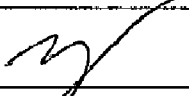
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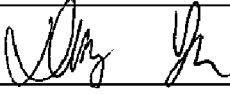
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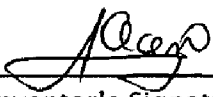
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| _____ Inventor's Signature | _____ Date |
| <u>Jinyu Li</u> Printed Name in English | _____ Printed Name in Native Language (if other than English) |

| | |
|---|--|
|  Inventor's Signature | <u>9/16/08</u> Date |
| <u>Li Deng</u> Printed Name in English | Printed Name in Native Language (if other than English) |

| | |
|---|--|
|  Inventor's Signature | <u>9/16/2008</u> Date |
| <u>Dong Yu</u> Printed Name in English | Printed Name in Native Language (if other than English) |

| | |
|--|--|
| Inventor's Signature | Date |
| <u>Yifan Gong</u> Printed Name in English | Printed Name in Native Language (if other than English) |

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|  Inventor's Signature | Date |
| <u>Alejandro Acero</u> Printed Name in English | <u>9/16/2008</u> Printed Name in Native Language (if other than English) |

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

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

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

| | |
|--|---|
|  Inventor's Signature | <u>09-22-2008</u> Date |
| <u>Yifan Gong</u> | <u>Li - R</u> |
| Printed Name in English | Printed Name in Native Language (if other than English) |

| | |
|-------------------------|---|
| Inventor's Signature | Date |
| <u>Alejandro Acero</u> | |
| Printed Name in English | Printed Name in Native Language (if other than English) |