OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMER United States Patent and Trademark
RECORDATIO	NY FORM COVER SHEET
To the Director of the (18 Dates)	
Name of conveying party(ies)	: Please record the attached documents or the new address(es) below
Peng Liu 8/6/2007	2. Name and address of receiving party(ies)
Yi-Jian Wu 8/9/2007	Name: Microsoft Corporation
Lei Ma 8/6/2007	Internal Address:
Additional name(s) of conveying party(ies) attached	No
3. Nature of conveyance/Execution Date(s)	Street Address: One Microsoft Way
Execution Date(s) Listed in Box 1 above.	
✓ Assignment	
Security Agreement Change of Name	e City: <u>Redmond</u>
Joint Research Agreement	State: WA
Government Interest Assignment	
Executive Order 9424, Confirmatory License Other	Country: US Zip: 98052
Additional numbers  Name and address to whom correspondence ncerning document should be mailed:	attached?  Yes  No  6. Total number of applications and patents
ame: <u>Lee &amp; Hayes, PLLC</u>	involved: 1
	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
ernal Address:	Authorized to be charged by credit card
Pet Address 404 W	Authorized to be charged to deposit account
eet Address: 421 W Riverside Ave Ste 500	_   Lociosed
. Speken	None required (government interest not affecting title)
: Spokane	8 Daymant Les
	8. Payment Information
е: <u>wa</u> Zip: <u>99201</u>	a. Credit Card Last 4 Numbers 1109
e: <u>wa</u> Zip: <u>99201</u> ле Number: <u>509-324-9256</u>	a. Credit Card Last 4 Numbers 1109 Expiration Date 06/11
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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**PATENT** 

REEL: 020063 FRAME: 0935

Recordation Form Cover Sheet Additional Pages

MS1 - 3549US

Patent Application No

Patent No.

11/837,434

filed

8/10/2007

Name of Conveying Parties

Execution Date

Frank Kao-PingK Soong

8/6/2007

PATENT REEL: 020063 FRAME: 0936 PAGE: 01

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MS Docket No. 320574.01 (OC Docket No. MS1-3549US)

## PATENT ASSIGNMENT

WE Pena Lin Vi Banker	
WE, Peng Liu, Yi-Jian Wu, Lei Ma, Frank Kao-Ping Soong, (have invented subject matter ("INVENTION") disalogue.	
nave invented subject matter (than the matter of the control state of th	'ASSIGNOR')
The subject matter ("INVENTION") disclosed and in-	**************************************
have invented subject matter ("INVENTION") disclosed and/or claimed in application entitled "HIDDEN MARKOV MODEL BASED HANDWRITING/CAL	l a patent
TIDDEN MARKOV MODEL RASED DANIDADITATION	
GENERATION "CARRIEGE TO THE TOTAL TO	LIGRAPHY
GENERATION" ("APPLICATION"), which:	

- · · · · · · · · · · · · · · · · · · ·	out this executed PATENT ASSIGNMENT. ASSIGNOR, and requests, ASSIGNEE'S legal representatives, of
Washington 9920	who are associated with automates
	ere in parenthesis file complete and lone
<b>filed</b> 8/10/2007	) this ADDI CATIONS
filing date, when k	) this APPLICATION'S U.S. Serial Number and

was filed on and was given U.S. Serial 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)

2001.8.0	Pene LA
DATE	Peng Llu
DATE	Yi-Jian Wu
2007. 8. 6 Date	Lei MA
2007, 8, 6 DATE	Frank Kau-Pingk Soong

Page I of 1

PATENT REEL: 020063 FRAME: 0937

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MS Docket No. 320574,01 (OC Docket No. M\$1-3549U\$)

WE, Peng Liu, Yi-Jian Wu have invented subject matter ("INVENT application entitled "HIDDEN MARKOV GENERATION" ("APPLICATION"), which will be filed without thereby authorizes, at Lee & Hayes, PLLC, 4: Washington 99201, which was filed \$/10/2007 filing date, when known was filed on and was is filed concurrently he Microsoft Corporation, a white successors and assigns ("ASSIGNEE"), entire and exclusive rights, title and interesting and exclusive rights, title and interesting and patents of applications, in and for the United States ("APPLICATION DERIVATIVES")):  For good and valuable constants acknowledged by the ASSIGNOR, the ASSIGNEE, the entire and exclusive rights the APPLICATION (and APPLICATION DERIVATIVES).	this executed PATENT ASSIGNMENT. ASSIGNOR and requests. ASSIGNEE'S legal representatives, of P. W. Riverside Avenue, Suite 500, Spokane, who are associated with customer number in parenthesis (U.S. Serial No. 11/837, 434, 1) this APPLICATION'S U.S. Serial Number and with the customer number and with the composition of the composition
ASSIGNOR agrees to execute the making and prosecution of the Application of the Applicati	ATION (and APPLICATION DERIVATIVES), for
DATE	Peng Liu Y7 – Jiah Will YI-Jian Wu
DATE	

Page 1 of 2

Lei Ma

Frank Kao-PingK Soong

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**RECORDED: 11/02/2007**