Electronic Version v1.1

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	NEW ASSIGNMENT			
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N	lame	Execution Date		
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Yang Cai 04/15/2011		04/15/2011		
Xian-Sheng Hua 04/20/2011		04/20/2011		
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	rosoft Corporation e Microsoft Way dmond SHINGTON 052 al: 1 (509)323-8979 f via US Mail when 509-324-9256 jenniferp@leeha LEE & HAYES, 601 W. RIVERS SUITE 1400 SPOKANE, WAS	ASSIGNMENT Name Image: Imag	Name Execution Date 04/15/2011 04/15/2011 04/15/2011 04/20/2011 rosoft Corporation a Microsoft Way 04/20/2011 rosoft Corporation a Microsoft Way 04/20/2011 Imond SHINGTON 04/20/2011 ist 1	

PATENT ASSIGNMENT

WE, Linjun Yang, Xian-Sheng Hua, Yang Cai, ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Searching for Images by Video" ("APPLICATION"), which:

will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Lee & Hayes, PLLC, 601 W. Riverside Avenue, Suite 1400, Spokane, Washington 99201, who are associated with customer number 22801, to insert here in parenthesis (Application No. <u>13/110,708</u>, filed <u>05/18/2011</u>) this APPLICATION's Application No. and filing date, when known;

was filed on ______ and was given Application No. _____;

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).

Linjun Yang:

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franc 2000	<u> 0415.2011</u>	73-12
Inventor's Signature	Date	Printed Name in Native Language
Xian-Sheng Hua:		
Inventor's Signature	Date	Printed Name in Native Language

Page 1 of 2

PATENT REEL: 026303 FRAME: 0117

PATENT ASSIGNMENT

MS Docket No.: <u>331964.01</u> (OC Docket No.: <u>MS1-513605</u>)

Yang Cai:

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04.15.2011

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Inventor's Signature

Date

Printed Name in Native Language

PATENT REEL: 026303 FRAME: 0118 WE, Linjun Yang, Xian-Sheng Hua, Yang Cai, ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Searching for Images by Video" ("APPLICATION"), which:

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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"));

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Linjun Yang:

Inventor's Signature

Date

Printed Name in Native Language

Xian-Sheng Hua:

Inventor's Signature

Date

20,201

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Page 1 of 2

Yang Cai:

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Date

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PATENT REEL: 026303 FRAME: 0120

RECORDED: 05/18/2011

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