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	OF SUBMITTER:	Pat Palmer				
Total Attachments: 3 PATENT	Attachments: 3	,				

PATENT REEL: 024444 FRAME: 0965

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I, HUGUES H. HOPPE, YONATAN WEXLER, DR. EYAL OFEK, HUAMIN WANG ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "FACTORING REPEATED CONTENT WITHIN AND AMONG IMAGES" ("APPLICATION"), which:

will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Amin, Turocy & Calvin, LLP, 24th Floor, National City Center, 1900 E.
 9th Street, Cleveland, Ohio 44114, who are associated with customer number 27195, to insert here in parenthesis (U.S. Serial No. <u>12/031,221</u>, filed <u>2-14-2008</u>) this APPLICATION's U.S. Serial Number and filing date, when known;

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).

2008/2/8	Kugas Kope
DATE	HUGUES H. HOPPE
DATE	YONATAN WEXLER
DATE	EYAL OFEK
DATE	HUAMIN WANG

PATENT REEL: 024444 FRAME: 0967

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DATE

2/13/2008

DATE

DATE

HUGUES H. HOPPE

YONATAN WEXLER

EYAL OFEK

HUAMIN WANG

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DATE		HUGUES H. HOPPE	
고려 (11년) 원이지. 編集 (11년) 왕이 말고 (11년)			
DATE			
		YONATAN WEXLER	
DATE		EYAL OFEK	*********
Feb .	08, 2008		
	08, 2008	hr	
DATE		HUAMIN WANG	
			PATENT

**RECORDED: 05/26/2010** 

REEL: 024444 FRAME: 0969