Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Benjamin A. Small	05/30/2010
Assaf Shacham	09/22/2010
Keren Bergman	09/28/2010

RECEIVING PARTY DATA

Name:	The Trustees Of Columbia University In The City Of New York
Street Address:	116th Street & Broadway
City:	New York
State/Country:	NEW YORK
Postal Code:	10027

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12438661

CORRESPONDENCE DATA

Fax Number: (212)259-2482

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 212-408-2500

Email: DLNYDOCKET@BAKERBOTTS.COM

Correspondent Name: BAKER BOTTS L.L.P.

Address Line 1: 30 ROCKEFELLER PLAZA

Address Line 2: 44TH FLOOR

Address Line 4: NEW YORK, NEW YORK 10112-4498

ATTORNEY DOCKET NUMBER:	070050.3739
NAME OF SUBMITTER:	Danielle Gamache

Total Attachments: 8

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PATENT REEL: 025134 FRAME: 0225 12438661

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ASSIGNMENT ASSIGNMENT

WHEREAS, WE, BENJAMIN A. SMALL, a citizen of the United States of America, having a residence address at 132 East 45th Street; Apt. 9ff, New York, New York 10017; ASSAF SHACHAM, a citizen of Israel, having a residence address at 718 Old San Francisco Road, Apt. 284, Sunnyvale, California 94086; and KEREN BERGMAN, a citizen of the United States of America, having a residence address at 150 Arreton Road, Princeton, New Jersey 08540 (hereinafter "ASSIGNORS"), have made an invention entitled "SYSTEMS AND METHODS FOR STORING OPTICAL DATA" as set forth and described in application for Letters Patent of the United States, Application Serial No. 12/438,661, filed February 24, 2009; and

WHEREAS, THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK (hereinafter "ASSIGNEE"), having its principal place of business at 116th Street & Broadway, New York, New York 10027, is desirous of acquiring the whole right, title and interest of ASSIGNORS in and to said Letters Patent and any continuations, divisions, extensions, substitutions, reissues and reexaminations thereof;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the said ASSIGNORS, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said ASSIGNEE, and other valuable considerations unto us moving from said ASSIGNEE, at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, into said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the said invention entitled "SYSTEMS AND METHODS FOR STORING OPTICAL DATA" and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said ASSIGNORS, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said ASSIGNEE, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its successors and assigns;

AND WE, the said ASSIGNORS, for the considerations aforesaid, do hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other NY02:686382.1

instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said ASSIGNEE, its successors and assigns, may be required or necessary more effectively to secure to and vest in said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

Date: 05/30 Witness: Gullutlu Gul Mutu 405 Lexington Auc New York NY 101:	2010(signature)[printed name][address]	BENJAWIN A. SMALL
Notary Public, State of New York Qualified in New York County Reg. No. 01MU6197598 My Commission Expires Dec. 1, 2012	<u></u>	Notary Public
	2010	
Witness:	[signature][printed name][address]	ASSAF SHACHAM
		Notary Public

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PATENT

Date:	2010	
Witness:	[signature][printed name][address]	KEREN BERGMAN
		Notary Public

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PATENT

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MANNEN 56910 BRAEL

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instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said ASSIGNEE, its successors and assigns, may be required or necessary more effectively to secure to and vest in said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

Date:	2010	
Witness:	[signature]	
	[printed name]	BENJAMIN A. SMALL
	[address]	
•		Notary Public
Date: 9/22/20/2	2010	140
Witness: (11)	[signature]	(TSI) Uha
Chen be-Good	[printed name]	ASSAF SHACHAM
Mirofe 38/ Ho	[[address]	
ISRAEL		
•		
	•	Notary Public

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instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said ASSIGNEE, its successors and assigns, may be required or necessary more effectively to secure to and vest in said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

Date:	2010	
Witness:	[signature]	
	[printed name]	BENJAMIN A. SMALL
	[address]	
		Notary Public
Date;	2010	
Witness:	[signature]	
	[printed name]	ASSAF SHACHAM
	[address]	
		Notary Public

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070050.3739 **PATENT**

Date: 💆 💆	2010	
Witness:	ill Gorger [signature]	
Jill	Forger [printed name	e}
10 La	Salle St [address]	
New 1	LAVE AND 10027	

KEREN BERGMAN

Notary Public

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TOTAL P.07

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