PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Edward Hanapole	05/22/2000
Robert C. Hartman Jr.	03/03/2000
Richard D. Hennessy	03/03/2000
Eugene Johnson Jr.	03/30/2000
I-Ming Kao	03/03/2000
Janet L. Murray	04/18/2000
Jerry D. Robertson III	03/03/2000
William J. Baer	03/03/2000

RECEIVING PARTY DATA

Name:	International Business Machines Corporation		
Street Address:	New Orchard Rd.		
City:	Armonk		
State/Country:	NEW YORK		
Postal Code:	10504		

Name:	Pearson Education, Inc.
Street Address:	One Lake Street
City:	Upper Saddle River
State/Country:	NEW JERSEY
Postal Code:	07458

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11848916

CORRESPONDENCE DATA

Fax Number: (301)762-4056

PATENT REEL: 019796 FRAME: 0438

500349372

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

Phone: 301-424-3640 Email: jls@usiplaw.com

Correspondent Name: Edell, Shapiro & Finnan, LLC

Address Line 1: 1901 Research Blvd.

Address Line 2: Suite 400

Address Line 4: Rockville, MARYLAND 20850

ATTORNEY DOCKET NUMBER: 0920.0039DIV

NAME OF SUBMITTER: Stuart B. Shapiro

Total Attachments: 6

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WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

METHOD AND SYSTEM FOR MOVING CONTENT IN A CONTENT OBJECT STORED IN A DATA REPOSITORY

for which I/WE executed an application for United States Letters Patent concurrently herewith; or on _____; or filed an application for United States Letters Patent on <u>January 21, 2000</u>, (Serial No. <u>09/488,971</u>); and

WHEREAS, <u>Pearson Education</u>. <u>Inc.</u>, a corporation of <u>Delaware</u>, whose post office address is <u>One Lake Street</u>. <u>Upper Saddle River</u>. <u>NJ 07458</u> (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _______, filed ______) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

County of	Richard W. Walkus Full Name of Sole or First Assignor
State of SS.	7 Wanda Avenue, Wayne, NJ 07470
Subscribed and sworn to before me this day of, 19	First Assignor's Signature
Notary Public	Date
Names of additional inventors attached [X] Yes	[] No

Morgan, Lewis & Bockius LLP

County of how york	_	Edward Hanapole	
State of How York "	J. S. C.	Full Name of Second Assignor	
State of The State		1617 Rachel Terrace, Pine Brook, NJ 07058	
	TSO SS.	Address	
Subscribed and sworn to before me	V VONOTO COMP	- Thad Jorquele	
this 2 day of May, 19 3.00	V 100, 100, 100	Second Assignor's Signature	
Whie worsky Notary Publ	ic Soci	5/22/00	
<i>d</i>		Date	
County of			
		Full Name of Third Assignor	
State of			
	SS.	Address	
Subscribed and assessment before an	•		
Subscribed and sworn to before me this • day of, 19		Third Assignor's Signature	·
	•		
Notary Publ	ic	Date	*
County of		Full Name of Fourth Assignor	
State of		r un transe of router ressignor	
	SS.	Address	
·	33.	Address	
Subscribed and sworn to before me			
this day of, 19		Fourth Assignor's Signature	
Notary Publ	ic		
		Date	
County of			
		Full Name of Fifth Assignor	
State of			
1 th 3 .1	SS.	Address	
Subscribed and sworn to before me			
this day of, 19		Fifth Assignor's Signature	
Notary Publ	ic		
Trotaly Publ		Date	·
	amakad () Van (VI NA	
Names of additional inventors	attached [] res [2	K] No	

Morgan, Lewis & Bockius LLP

TATEL TO D			Whereas, we		
INVENTOR AND CITY		William J. Baer Santa Clara		of San Jose, and State of	
		Robert C. Hartman Jr Santa Clara		of San Jose and State of	California,
	and (3) County of	Richard D. Hennessy York County		of York and State of	Maine,
	and (4) County of	Eugene Johnson, Jr. Fayette		of Lexington and State of	
	and (5) County of	I-Ming Kao Santa Clara County		of San Jose and State of	California,
	and (6) County of	Janet L. Murray Santa Clara County		of Los Gatos and State of	-
	and (7) County of	Jerry D. Robertson, Santa Clara		of San Jose, and State of	California,
	have inven	ted certain improvemer	nts in		
TITLE	METHOD AND	SYSTEM FOR MOVING CON	TENT IN A CONTENT OBJECT	r stored in a	DATA REPOSITORY
DATES THAT INVENTORS SIGNED THE DECLARATION			nited States patent appli 1 m v 3 ,2000, (3) 1 and 3 ,2000, (6)		
	Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to jointly own the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;				
	acknowledge successors and invent: rights of a request the inventions hereby agre will execut	ed, we, the above name and assigns, our ention therein disclosed priority resulting from Commissioner of Pate set forth in said appet that IBM may apply	le consideration, receip d, hereby sell, assign, re right, title and inte for the United States an m the filing of said Uni nts to issue any Letters lication to IBM, its suc for foreign Letters Pate y in connection with the do so by IBM.	and transfer erest in the sold foreign counted States are ratent grant cressors and a sent on said in	to IBM, its aid application ntries, and all plication, and we ed upon the ssigns; and we vention and we
	Signed and	sealed	1,/11,		
CITY	(1) at on Main	n Toe 43, 2000	William J. Baer	Ma.	SIGNATURE INVENTOR
CITY DATE	and (2) at on Wan	San Jos R dr. 3.,2000,	Robert C. Hartman, Jr.	1-1/	SIGNATURE INVENTOR
CITY DATE	and (3) at on	,2000,	Richard D. Hennessy		SIGNATURE INVENTOR
CITY DATE	and (4) at on	,2000,	Eugene Johnson, Jr.		SIGNATURE INVENTOR
CITY DATE	and (5) at on March	San Jose	I-Ming Kao	Face	SIGNATURE INVENTOR

			Whereas, we				
INVENTOR AND CITY	(1) County of	William J. Baer Santa Clara		of San Jose, and State of Cal	ifornia,		
	and (2) County of	Robert C. Hartman Jr Santa Clara	•	of San Jose and State of Cal	ifornia,		
	and (3) County of	Richard D. Hennessy York County		of York and State of Mai	ne,		
	and (4) County of			of Lexington and State of Ker	itucky,		
	and (5) County of	I-Ming Kao Santa Clara County		of San Jose and State of Ca l	ifornia,		
	and (6) County of	Janet L. Murray Santa Clara County		of Los Gatos, and State of Cal	Lifornia,		
	and (7) County of	Jerry D. Robertson, Santa Clara	III	of San Jose, and State of Ca l	lifornia,		
	have inver	nted certain improveme	ents in				
TITLE	METHOD ANI	SYSTEM FOR MOVING CO	NTENT IN A CONTENT OBJE	ECT STORED IN A DA	TA REPOSITORY		
DATES THAT	and execut	ted, respectively, a (Inited States patent app	olication therefor	on		
INVENTORS SIGNED THE DECLARATION	(4)	,2000, (2),2000, (5),2000.	,2000, (3) ,2000, (6)	3/3/.20	00, 00,		
	having a p	Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to jointly own the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;					
	acknowledd successors and inven rights of request the invention hereby ag	ged, we, the above nares and assigns, our entition therein disclosed priority resulting factority resultin	able consideration, recomed, hereby sell, assignative right, title and in a for the United States come the filing of said tents to issue any Letter polication to IBM, its gray in connection with to do so by IBM.	n, and transfer to nterest in the sai and foreign count United States appl ers Patent granted successors and ass atent on said inve	d application ries, and all ication, and we upon the igns; and we intion and we		
	Signed an	d sealed					
CITY DATE	(1) at on	, 2000	William J. Baer		SIGNATURE INVENTOR		
CITY DATE	and (2) a	,2000,	Robert C. Hartman, J	[1].	SIGNATURE INVENTOR		
CITY DATE	and (3) a on 3	JORK Me	Richard D. Hennessy	fruncon	SIGNATURE		
CITY DATE	and (4) a	t,2000,	Eugene Johnson, Jr.		SIGNATURE INVENTOR		
CITY	and (5) a	t,2000,	I-Ming Kao		SIGNATURE INVENTOR		
DATE	O11						

Whereas, we

INVENTOR AND CITY	(1) William J. Baer County of Santa Clara	of Sar and Sta	n Jose, ate of California,	
	and (2) Robert C. Hartman J County of Santa Clara		n Jose ate of California,	
	and (3) Richard D. Hennessy County of York County		rk ate of Maine,	
	and (4) Eugene Johnson, Jr. County of Fayette		kington ate of Kentucky,	
	and (5) I-Ming Kao County of Santa Clara County	of Sar and Sta	n Jose ate of California,	
	and (6) Janet L. Murray County of Santa Clara County		s Gatos, ate of California,	
	and (7) Jerry D. Robertson, County of Santa Clara		n Jose, ate of California,	
	have invented certain improvem	ments in		
TITLE	METHOD AND SYSTEM FOR MOVING O	CONTENT IN A CONTENT OBJECT STORE	D IN A DATA REPOSITORY	
DATES THAT	and executed, respectively, a	United States patent application	therefor on	
INVENTORS SIGNED THE DECLARATION	(1) ,2000, (2)	,2000, (3) ,2000, (6)	,2000, ,2000,	
	Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to jointly own the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;			
	acknowledged, we, the above na successors and assigns, our er and invention therein disclose rights of priority resulting frequest the Commissioner of Painventions set forth in said a hereby agree that IBM may apple	mable consideration, receipt when med, hereby sell, assign, and tractive right, title and interest it of for the United States and fore from the filing of said United Statents to issue any Letters Patent application to IBM, its successory for foreign Letters Patent on sary in connection with the Unite to do so by IBM.	ansfer to IBM, its n the said application ign countries, and all ates application, and we try granted upon the s and assigns; and we said invention and we	
	Signed and sealed			
CITY	(1) at		SIGNATURE	
DATE	on, 2000	William J. Baer	INVENTOR	
CITY DATE	and (2) at,2000,	Robert C. Hartman, Jr.	SIGNATURE INVENTOR	
CITY	and (3) at	Dishard D. Honnessy	SIGNATURE	
DATE	on,2000,	Richard D. Hennessy	INVENTOR	
CITY DATE	and (4) at Mary FEVILETON P on March 30,2000,	Eugene Johnson, Jr.	SIGNATURE INVENTOR	
CITY	and (5) at	T-Ming Kao	SIGNATURE	

Page 2 of 2 Docket #: STL000015US1

CITY DATE

and (6) at Los Gafas on April 19 ,2000,

Unnet L. Murray

_SIGNATURE

INVENTOR

CITY

and (7) at Sur Jose on 3/5, 2000,

RECORDED: 09/07/2007

Jérry D. Robertson, III

SIGNATURE INVENTOR

PATENT

REEL: 019796 FRAME: 0445