In place of Form PTO-1595

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To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Rick Allen Hamilton, II John Steven Langford Steven Jay Lipton

2. Name and address of receiving party(ies):

> International Business Machines Corporation New Orchard Road Armonk, New York 10504



3. Nature of conveyance:

X Assignment

10,10,00 30,101 Execution Date:

4. Application number(s) or patent number(s):

If this document is being filed together with a new, application, the 3/02/01. 3/01/01 + 3/01/01 execution date of the application is

A. Patent Application No.(s)

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

David A. Mims, Jr. IBM Corporation Intellectual Property Law Internal Zip 4054 11400 Burnet Road Austin, TX 78758 (512) 823-0950

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) \$ 40.00

Authorized to be charged to deposit account

8. Deposit account number:

09-0447

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David A. Mims, Jr.

Name of Person Signing

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Total number of pages including cover sheet: 1

PATENT REEL: 011618 FRAME: 0461

ASSIGNMENT Whereas, I, (1) Rick Allen Hamilton, II, of Charlottesville County of Charlottesville and State of Virginia (2) John Steven Langford of Austin County of Travis and State of Texas (3) Steven Jay Lipton of Flower Mound County of Denton and State of Texas have invented certain improvements in "Predictive Caching and Highlighting of Web Pages" and executed a United States patent application therefore on (1) March 2, 2001, and (2) ______, 2001, 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 acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore; Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I/we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM. (1) Signed at Charlottewille, VA on March 2, 2001.

Page 1 of 2

. 2001.

John Steven Langford

8049770733ATENTAGE. 06

REEL: 011618 FRAME: 0462

(2) Signed at on

(3) Signed at	on	, 2001.	
	Stever	a Jay Linton	

Page 2 of 2

804977073**PATENT**AGE.07

REEL: 011618 FRAME: 0463

ASSIGNMENT

Whereas, I,	
(1) Rick Allen Hamilton, II, County of Charlottesville	of Charlottesville and State of Virginia
(2) John Steven Langford County of Travis	of Austin and State of Texas
(3) Steven Jay Lipton County of Denton	of Flower Mound and State of Texas
have invented certain improvements in	
"Predictive Caching a	and Highlighting of Web Pages"
and executed a United States patent applicat and (2) March 1 , 2001, (3)	ion therefore on (1), 2001,
York, having a place of business at Armonk,	MACHINES CORPORATION, a corporation of New New York 10504, (hereinafter called IBM), desires in the said application and invention, and to any fined therefore;
I/we, the above named, hereby sell, assign, a entire right, title and interest in the said appl States and foreign countries, and all rights of States application, and I request the Commissupon the invention set forth in said applicating agree that IBM may apply for foreign Letter	eration, receipt whereof is hereby acknowledged, and transfer to IBM, its successors and assigns, the ication and invention therein disclosed for the United f priority resulting from the filing of said United ssioner of Patents to issue any Letters Patent granted on to IBM, its successors and assigns; and I hereby is Patent on said invention and I will execute all ted States and foreign applications when called upon
(1) Signed at	on, 2001.
(2) Signed at Austin	Rick Hamilton, II on March 1, 2001. John Steven Langford
	John Steven Langford

Page 1 of 2

PATENT REEL: 011618 FRAME: 0464

(3) Signed at	on	, 2001.
	Steven Ia	v Linton

Page 2 of 2

PATENT REEL: 011618 FRAME: 0465

ASSIGNMENT

Whereas, I,	
(1) Rick Allen Hamilton, II, County of Charlottesville	of Charlottesville and State of Virginia
(2) John Steven Langford County of Travis	of Austin and State of Texas
(3) Steven Jay Lipton County of Denton	of Flower Mound and State of Texas
have invented certain improvements in	
"Predictive Caching a	and Highlighting of Web Pages"
and executed a United States patent applicate and (2), 2001, (3)	ion therefore on (1), 2001,
York, having a place of business at Armonk, to acquire the entire right, title and interest in United States and foreign patents to be obtain Now therefore, for a valuable considering, the above named, hereby sell, assign, arentire right, title and interest in the said applicates and foreign countries, and all rights of States application, and I request the Commission the invention set forth in said application agree that IBM may apply for foreign Letters	MACHINES CORPORATION, a corporation of New New York 10504, (hereinafter called IBM), desires in the said application and invention, and to any ined therefore; eration, receipt whereof is hereby acknowledged, and transfer to IBM, its successors and assigns, the cation and invention therein disclosed for the United priority resulting from the filing of said United sioner of Patents to issue any Letters Patent granted on to IBM, its successors and assigns; and I hereby a Patent on said invention and I will execute all ed States and foreign applications when called upon
1) Signed at	on, 2001.
	Rick Hamilton, II
2) Signed ato	n, 2001.
	John Steven Langford

Page 1 of 2

(3) Signed at Flower Hourd, Texas
USA

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REEL: 011618 FRAME: 0467