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12-12-2006

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U.S. Department of Commerce **Patent and Trademark Office** Customer No. 22,852

**Attorney Docket No:** 05793.3221-00000

103347236 To the Director of the U.S. Patent

Mail Stop Assignment Recordation Services

Please record the attached original documents or copy thereof.							
Name of conveying party(ies):		2.	Name and address of receiving party(ies):				
Odiseas PAPADIMITRIOU     Manish R. CHHABRA		Name:	Name: Capital One Financial Corporation				PT0
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No		Interna	l Addres	ss:			U.S 350
Nature of conveyance:		Street	Street Address: 1680 Capital One Drive				
	☐ Merger	City:	McLea	an			
Security Agreement	☐ Change of Name	State:	Vir	ginia	Zip Code:	22102-3	3491
Joint Research Agreement	Government Interest Assignment	Additio	nal nam	e(s) & Addr	ess(es) attach	ned?	
Executive Order 9494, Confirmatory License	Other:		☐ Ye	s	⊠ No		
	Papadimitriou: December 7, 2006 Chhabra: December 6, 2006						
	or patent number(s): If this document is seas Papadimitriou: December 7, 2006;					he execut	ion date of
A. Patent Application Nur	nber(s):	В.	Paten	t Number(s	):		
	Additional numbers attached?	Yes		⊠ No			
5. Name and address of concerning document	party to whom correspondence should be mailed:	6.	Total i	number of a	applications ar	nd patents	s involved:
Name: Bradley Edelman		7.	Total	fee (37 CFF	R 1.21(h) and	3.41): \$4	0
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.		r 🛛			ease charge of to deposit ac		
Street Address: 901 New York Avenue, N.W.			P	Authorized t	o be charged	to deposit	t account
City: Washington, D	.C.						
State:	Zip: 20001-4413	8.	Depos	sit Account	No.: <u>06-0916</u>		
9. Statement and signatu	re.			<u> </u>			
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.							
Signed: Bradley Edelman December 7, 2006  Bradley Edelman, Reg. No. 57,648  Date			, 2006				
Bradley Edelman, Reg. No. 57,648				<del></del>	D	ate	<del></del>
Total number of pages including cover sheet, attachments and documents: 5							
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**PATENT** REEL: 018671 FRAME: 0261

SOLE/JOINT INVENTION (Worldwide Rights) Customer No. 22.852 Attorney Docket No. 05793.3221-00000

## **ASSIGNMENT**

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

## SYSTEM AND METHOD FOR ANALYZING WEB PATHS

for which We executed an application for United States Letters Patent concurrently herewith; and

WHEREAS, Capital One Financial Corporation, a corporation of Delaware whose post office address is 1680 Capital One Drive, McLean, Virginia 22102-3491 (hereinafter referred to as Assignes), 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 good and valuable consideration the receipt of which from Assignee is hereby acknowledged. We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign. transfer, and set over unto the Assignee, its lawful successors and assigns, 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, as well as all rights to claim priority on the basis of this 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 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, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to 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.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of	FAILFAX )		Name:	Odiseas Papadimitriou	
	)	\$5.	Address:	1530 Key Blvd., Apt. 1315	_
	11.00			Arlington, VA 22209	
State of	VIEGINIA .		Ву:	Att will so	
			Date:	18/07/-2006	
Subscribed	and sworn to before me the	nis <u>07</u> day	of Deed	mbe 2006.	•
	mara Bilah				

**Notary Public** NOTARY PUBLIC Commonwealth of Virginia My Commission Expires 7/31/10



Page 1 of 2

PATENT

REEL: 018671 FRAME: 0262

SOLE/JOINT INVENTION (Worldwide Rights) Customer No. 22,852 Attorney Docket No. 05793.3221-00000

County of)	<b>6</b> \$.	Name: Address:	Manish R. Chhabra 23184 Blackthorn Square Sterling, VA 20168			
State of)		By: Date:	Offinial, VX 20 100			
Subscribed and sworn to before me this day of, 20						
, Notary Publ	ic					

Page 2 of 2

**PATENT** 

REEL: 018671 FRAME: 0263

SOLE/JOINT INVENTION (Worldwide Rights) Customer No. 22,852 Attorney Docket No. 05793.3221-00000

## ASSIGNMENT

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

## SYSTEM AND METHOD FOR ANALYZING WEB PATHS

for which We executed an application for United States Letters Patent concurrently herewith; and

WHEREAS, Capital One Financial Corporation, a corporation of Delaware whose post office address is 1680 Capital One Drive, McLean, Virginia 22102-3491 (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 good and valuable consideration the receipt of which from Assignee is hereby acknowledged. We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, 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, as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filled 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 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, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment:

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all fawful 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.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of)	<b>5</b> 3.	Name: Address:	Odiseas Papadimitriou 1530 Key Bivd., Apt. 1315	_
State of)		By: Date:	Arlington, VA 22209	_
Subscribed and sworn to before me this	day	of	20	
, Notary Publi	lc			

Page 1 of 2

PATENT REEL: 018671 FRAME: 0264

SOLE/JOINT INVENTION (Worldwide Rights) Customer No. 22,852 Attorney Docket No. 05793.3221-00000

County of	(foschland)	Name:	Manish R. Chhabra	
	)	ss. Address	: 23184 Blackthorn Square	
O4-46	Mark San }	_	Sterling, XA 20166	
State or	Virginia	By:	- (b) he	6 0007
	•	Date:	- Dec	6,2006
Subscribed	and sworn to before me this	6 day of Do	ember 2006	
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anish	Jani Pitife, Notary Put	dic		Mamistra de Hondald
•				Commonweals Addition
				May Commission Explica 2715, 110

He She/They is/are parsonally known to me or has/have produced DMUD as identification.

Page 2 of 2

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