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08-17-2005

U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 05793.3157-00 Attorney Customer Number: 22,852

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To the Director of the U.S. Patent and Tra
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1.	Name of conveying party(ies):						Name and address of receiving party(ies):						
	Andrew F. Savage						Name: Capital One Financial Corporation						
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No						Internal Address:							
3.	Nature of conveyance:						Street Address: 1680 Capital One Drive						
$\boxtimes$	Assignment						City: McLean						
	Security Agreement		Change of	f Name		State	:	Virginia	Zip Code:	22102	-3491		
	Other:						Additional name(s) & Address(es) attached?						
Execution Date: August 3, 2005						☐ Yes							
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: August 1, 2005													
A.	Patent Application Number(s):						B. Patent Number(s):						
			Additional	numbers atta	iched?	☐ Yes	3	⊠ No					
5.	Name and address of party to whom correspondence concerning document should be mailed:						6. Total number of applications and registrations involved: one (1)						
Name:	Timothy May					7.	To	otal fee (37 CFR	1.21(h) and	3.41): \$	40		
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.						Enclosed (Please charge deficiency to deposit account 06-0916)							
Street A	reet Address: 901 New York Avenue, N.W.						Authorized to be charged to deposit account						
City:	Washingtor	n, D.C.											
State:		Zip:		20001-4413		8.	D	eposit Account I	No.: <u>06-0916</u>				
9.	Statement and sign											ļ	
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.													
							August 10, 2005						
	C. Gregory Gramenopoulos, Signa												
Reg. No. 36,532  Total number of pages including cover sheet, attachments and documents: 2													
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• 08/16/2005 GTON11 00000074 11200177 01 FC:8021

> PATENT REEL: 016885 FRAME: 0289

## **ASSIGNMENT**

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

## SOFTWARE DEVELOPMENT TOOL USING A STRUCTURED FORMAT TO GENERATE SOFTWARE CODE

for which I/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, 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, our entire right, title, and interest in and to this invention, provisional Application No. [Text], filed [Text] (if any), 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 the above provisional application (if any), 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 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.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

Andrew Francis Savage Name:

Address: 2501 Hartlepool Lane Midlothian, VA 23113

State of

By: Date:

PATENT REEL: 016885 FRAME: 0290

RECORDED: 08/10/2005