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Michael Vincent Bucci David A. LaGassa	Name: Capital One Financial Corporation	
Michele D. Matthews	Internal Address:	
Donald J. Gilbert		
Additional name(s) of conveying party(ies) attached? Yes V		
3. Nature of conveyance/Execution Date(s):	Street Address: 1680 Capital One Drive	
Execution Date(s) <u>December 9, 2005</u>	-	
✓ Assignment Merger	City: McLean	
Security Agreement Change of Name	Oity. Michean	
Joint Research Agreement	State: VA	
Government Interest Assignment	Country: United States Zip: 22102-3491	
Executive Order 9424, Confirmatory License		
Other	Additional name(s) & address(es) attached? Yes	
A. Patent Application No.(s)	B. Patent No.(s)	
A. Patent Application No.(s)  Additional numbers a  5. Name and address to whom correspondence	B. Patent No.(s)  attached? Yes No  6. Total number of applications and patents	
A. Patent Application No.(s)  Additional numbers a	B. Patent No.(s)  attached? ☐ Yes ✓ No	
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A. Patent Application No.(s)  Additional numbers at the second of the se	B. Patent No.(s)  attached? Yes No  6. Total number of applications and patents involved: 1	
A. Patent Application No.(s)  Additional numbers a  5. Name and address to whom correspondence concerning document should be mailed:  Name: Frank M. Gasparo	B. Patent No.(s)  attached? Yes No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card	
A. Patent Application No.(s)  Additional numbers at the second se	B. Patent No.(s)  attached? Yes No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00	
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Additional numbers a  5. Name and address to whom correspondence concerning document should be mailed:  Name: Frank M. Gasparo  Internal Address:  Street Address: Baker & McKenzie LLP  805 Third Avenue  City: New York  State: NY Zip:10022  Phone Number: (212) 759-9133	B. Patent No.(s)  attached? Yes \( \subseteq \) No  6. Total number of applications and patents involved: \( \frac{1}{2} \)  7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{20.00}\$  Authorized to be charged by credit card \( \subseteq \) Authorized to be charged to deposit account \( \subseteq \) Enclosed  None required (government interest not affecting 8. Payment Information  a. Credit Card Last 4 Numbers \( \subseteq \) Expiration Date  b. Deposit Account Number \( \frac{02-0393}{2} \)	
A. Patent Application No.(s)  Additional numbers at the state of the s	B. Patent No.(s)  attached? Yes \( \subseteq \) No  6. Total number of applications and patents involved: \( \frac{1}{2} \)  7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{20}\$  Authorized to be charged by credit card \( \subseteq \) Authorized to be charged to deposit account \( \subseteq \) Enclosed  None required (government interest not affecting 8. Payment Information  a. Credit Card Last 4 Numbers \( \subseteq \) Expiration Date	
Additional numbers a  5. Name and address to whom correspondence concerning document should be mailed:  Name: Frank M. Gasparo  Internal Address:  Street Address: Baker & McKenzie LLP  805 Third Avenue  City: New York  State: NY  Zip: 10022  Phone Number: (212) 751-5700  Fax Number: (212) 759-9133  Email Address: nycipd@bakemet.com  9. Signature:	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting 8. Payment Information  a. Credit Card Last 4 Numbers  Expiration Date  b. Deposit Account Number 02-0393	
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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 017339 FRAME: 0531

## ASSIGNMENT

WHEREAS, I/We,

Michael Vincent Bucci 5720 Oak Mill Court Glen Allen, VA 23059

Citizenship: United States

**David A. LaGassa** 3804 Hackamore Lane Richmond, VA 23233

Citizenship: United States

Michele D. Matthews 12611 Cutler Ridge Drive Richmond, VA 23233

Citizenship: United States

and

**Donald J. Gilbert** 3711 Reeds Landing Cir. Midlothian, VA 23113

Citizenship: United States

have made certain new and useful inventions and discoveries, for which I/we have filed an application for Letters Patent entitled SYSTEM AND METHOD FOR MANAGING TRANSACTIONS, the specification of which is being filed herewith as U.S. Patent Application, and

WHEREAS, Capital One Financial Corporation, having a place of business at 1680 Capital One Drive, McLean, VA 22102-3491, United States of America, and who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited,

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, and other valuable consideration furnished by Assignee to me/us, receipt and sufficiency of which I/we hereby acknowledge, I/we hereby, without reservations:

Page 1 of 6

NYCDMS/970977.1

PATENT REEL: 017339 FRAME: 0532

- 1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.
- 2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my/our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.
- 4. Warrant that I/we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I/we have good right to assign the same to Assignee without encumbrance.
- 5. Bind my/our heirs, legal representatives, and assigns, as well as myself/ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me/us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us, my/our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me/us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my/our control or in the control of my/our heirs, legal representatives, or assigns which may be useful for establishing the facts of my/our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this day of
<u>December</u> , 2005
Mull Mant Jell
Michael Vincent Bucci
STATE OF Mary ) COUNTY OF Good land
COUNTY OF Good land
On this day of 2005, before me came Michael Vincent Bucci, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he has acknowledged to me that he has executed the same.
Rhonda A Marcell Notary Public
My Commission Expires July 31, 2009
Within the second secon

IN TESTIMONY WHEREOF, I have hereunto set	my hand and seal this day	of of
December, 2005	David A. LaGassa	
STATE OF VA () COUNTY OF Goodland		
On this day of	escribed in, and who executed the	Gassa, to foregoing
Rh	Notary Public	SOINT SOINT AND
	My Commission Expires July 31, 2009	WOW WHITE

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal thisday of
December, 2005
Michele D. Matthews

STATE OF VA ()
COUNTY OF Good land)

On this day of December 2005, before me came Michele D. Matthews, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he has acknowledged to me that he has executed the same.

Rhuse J. Hawail Notary Public

My Commission Expires July 31, 2009



Page 5 of 6

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IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \_ STATE OF VI COUNTY OF On this \_\_\_\_\_\_ day of \_\_\_\_\_\_\_ 2005, before me came **Donald J. Gilbert**, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he has acknowledged to me that he has executed the same. My Commission Expires July 31, 2009 Page 6 of 6

**PATENT** REEL: 017339 FRAME: 0537

**RECORDED: 12/09/2005**