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	To the Director of the U.S. Patent and			03-19-2009		U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 05997.0053-00 Mail Stop Assignment Recordation Services			
		Name of conveying par James Douglas GORD Pamela SIMS	ginal do ty(ies):	103552912					
	Additi	onal name(s) of conveying) attached? ☐ Yes ⊠ No	Internal Address:					
	3.	Nature of conveyance:				Street Address: 8200 Jones Branch Drive			
`	\boxtimes	Assignment		City: McLean					
é		Security Agreement		Change of Name	State:	Virginia	Zip Code:	22102	
1		Joint Research Agreement		Government Interest Assignment	Addition	nal name(s) & Addro	ess(es) attach	ned?	
ر		Executive Order 9494,			☐ Yes				
	Execu	xecution Date: February 26, 2009 and March 3, 2009							
	Application number(s) or patent number(s): If this document is being the application:					ogether with a new	application, t	he execution date of	
	A.	Patent Application Number(s):				B. Patent Number(s):			
		12/344,761							
			Ad	ditional numbers attached?	☐ Yes	⊠ No			
•	5.	. Name and address of party to whom correspondence concerning document should be mailed:			6.	Total number of applications and patents involved: One (1)			
	Name	e: Arthur A. Smith		(202) 408-4000	7.	Total fee (37 CFR	1.21(h) and	3.41): \$40	
	Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.							deficiency or credit count 06-0916)	
	Stree	treet Address: 901 New York Avenue, N.W.				Authorized to	Authorized to be charged to deposit account		
	City:	City: Washington							
	State	D.C. 2	Zip:	20001-4413	8.	Deposit Account I	No.: <u>06-0916</u>		

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.

Signed:

March 16, 2009

Date

Arthur A. Smith Reg. No. 56,877

Total number of pages including cover sheet, attachments and documents: Three (3)

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ASSIGNMENT

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

SYSTEM AND METHODS FOR PROVIDING AN ADJUSTED WEIGHTED REPEAT SALE INDEX

for which We executed an application for United States Letters Patent filed an application for United States Letters Patent on **December 29, 2008** (Application No. 12/344,761); and

WHEREAS, Federal Home Loan Mortgage Corporation (Freddie Mac), a shareholder-owned government-sponsored enterprise, whose post office address is 8200 Jones Branch Drive, McLean, Virginia 22102 (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, 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 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.

Notary Public Commonwealth of Virginia Reg. #180186

My Commission Exps. Nov. 30, 2011

County of	Fairfay)	Name:	JAMES DOUGLAS GORDON			
	, () ss.	Address:	3206 N. George Mason Drive			
)		Arlington, Virginia 22207 /			
State of	Virginia)	By:	James Nons / Jarlan			
	7 .		Date:	JEd our 24 2009			
Subscribed and sworn to before me this 26th day of Feb, 2009 Subscribed and sworn to before me this 26th day of Feb, 2009							
	0.50	LINDA PITTS					

Page 1 of 2

PATENT REEL: 022424 FRAME: 0172

JOINT INVENTION (Worldwide Rights) Attorney Docket No. 05997.0053-00

County o	f WAKE	ss.		PAMELA SIMS 300 Painted Fall Way
State of	DORTH CORPOLINA)		By: Date:	Cary, North Carolina 27513
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- KAY	ed and sworn to before me this 3: \(\omega \cdot \omega	k(c s(.	2011	•
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