FORM PTO-1595 1-31-92 4-16-04				04-21-2004			U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 5997.0035 Attorney Customer Number: 22,852					
	irector of ecord the				102726528	·		Mail	Stop A	ssignment R	lecordation S	ervic
	Name of of Michael G				n, Matthew J. Klena, and	2.	N	lame and	addres	ss of receiving	party(ies):	
Pamela W. Sims					Name:	Name: Freddie Mac						
Additional name(s) of conveying party(ies) attached to Yes No.					Internal Address:							
3. Nature of conveyance:				APR 1 6 2004	Street Address: 8200 Jones Branch Drive							
			Merger	SETTING THE SET	City: M		1cLean	an				
	Securit Agreen			Change of	of Name	State: VA Zip Code: 22102			22102			
	Other:					Additio	nal	name(s)	& Addr	ress(es) attacl	ned?	
Executio	n Date:	4/9/04,	3/3/04,	3/9/04, and	3/8/04	Additional name(s) & Address(es) attached? ☐ Yes ☐ No						
4.	Application	n numbe	er(s) or p	atent numbe	er(s): If this document is b	eing filed	tog	ether with	a new	application, 1	he execution	date o
	the applic		() .									
Α.	Patent Ap	plication	Number	(s):		B. Patent Number(s):						
							1	0/700,04	5			
				Additiona	al numbers attached?	Yes		×	No			
Name and address of party to whom correspondence concerning document should be mailed:					6. Total number of applications and registrations involved: One (1)							
Name:	Pedro F	. Suarez				7. Total fee (37 CFR 3.41): \$40						
				Enclosed (Please charge deficiency to depos								
						Authorized to be charged to deposit account						
Internal .	Address:		GAN, HI		I, FARABOW, GARRETT							
Street Address: 1300 I Street, N.W.												
City:	V	Vashingto	on, D.C.									
State:			Zip: 20005-3315			8.	8. Deposit Account No.: <u>06-0916</u>					
9. To the b		_	ge and b	elief, the for	egoing information is true	and corre	ect a	and any a	ttache	d copy is a tru	e copy of the	origin
18021			40.0) OP	01.5					T		T
Pedro F. Suarez Reg. No. 45,895			Sigi	Signature April 16, 2004 Date					 			
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PATENT REEL: 015225 FRAME: 0582

ASSIGNMENT

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

SYSTEMS AND METHODS FOR DETERMINING THE LIKELIHOOD THAT A LOAN CLOSES

for which We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on November 4, 2003 (Application No. 10/700,045); 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 22192 (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 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.

St. Charles County
My Commission Expires: June 26, 2004

Notary Pub	IE GOULL lic - Notar	y Seal		
Subscribed and sworn to before me this Claude, Notary P	7te da		_, 20 <u>0 4</u>	_
State of missouri)		By: Date:	Chesterfield, MO 63017 Thursel A. Brokley	_ _
County of St. Charles)	SS.	Name: Address:	Michael G. Bradley 14601 Harleston Village Drive	_

Page 1 of 2

PATENT REEL: 015225 FRAME: 0583

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 5997.0035

County of	Fairtay)		Name:	J. Douglas Gordon
		SS.	Address:	3206 N. George Mason Drive
	,			Arlington, VA, 22207
State of	Virginia.)		By:	Alores Moder
	MY COMMISSION EXPIRES		Date:	3/3/04
	NOVEMBER 30, 2007 I and sworn to before me this 3°	A .		, , , , , , , , , , , , , , , , , , , ,
Subscribed	and sworn to before me this 3'	day	of March	ኍ, 20 <u>心 내</u>
ghind	a) Potto , Notary Publi	ic		
•				
County of _	Taiclan)		Name:	Matthew J. Klena
_		SS.	Address:	7203 Timber Lane
)			Falls Church, VA 22046
State of	Virginia)		By:	Miller Okles
M.	Y COMMISSION EXPIRES			3/9/2504
	NOVEMBER 30, 2007	.1		
Subscribed	I and sworn to before me this $\underline{\mathcal{Q}}$	<u>m</u> day	of March	<u>√</u> , 20 <u>0</u> 1
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. 1				
County of _	5-61		Name [.]	Pamela W. Sims
	- davetory	SS.		6239 19 th Street North
	ý	5 0.	, .uu, 000.	Arlington, VA 22205
State of	Virginia)		By:	Panlasis
_	- And States		Date:	3/8/04
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Subscribed	l and sworn to before me this ${\mathbb S}^{\!$	h _{dav}	of March	h. 20 04
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MY COMMISSION EXPIRES NOVEMBER 30, 2007

PATENT REEL: 015225 FRAME: 0584

RECORDED: 04/16/2004