CARMAX INC Form SC 13G/A March 08, 2007

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

OMB APPROVAL OMB Number: 3235-0145

Expires: February 28, 2009 Estimated average burden hours per response. . 10.4

Under the Securities Exchange Act of 1934 (Amendment No. 8)*

CarMax Inc.

(Name of Issuer)

Common

(Title of Class of Securities)

143130102

(CUSIP Number)

February 28, 2007

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- x Rule 13d-1(b)
- o Rule 13d-1(c)
- o Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 143130102

Person With

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) PRIMECAP Management Company 95-3868081			
2.	Check the Appropriate Box if a Member of a Group (See Instructions)			
	(a)	0		
	(b)	0		
3.	SEC Use Only			
4.	Citizenship or Place of Organization 225 South Lake Ave., #400, Pasadena, CA 91101			
	5.		Sole Voting Power 2,766,820	
Number of				
Shares	6.		Shared Voting Power	
Beneficially			0	
Owned by				
Each	7.		Sole Dispositive Power	
Reporting			5,364,620	

- 9. Aggregate Amount Beneficially Owned by Each Reporting Person 5,364,620
- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o

Shared Dispositive Power

- 11. Percent of Class Represented by Amount in Row (9)
- 12. Type of Reporting Person (See Instructions) IA

8.

2

Item 1.						
	(a)	Name of Issuer				
		CarMax Inc.				
	(b)	Address of Issuer s Principal Executive Offices				
		12800 Tuckahoe Creek Pkwy., Richmond, VA 23238				
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Item 2.		N CD EW				
	(a)	Name of Person Filing				
	(L)	PRIMECAP Management Company				
	(b)	Address of Principal Business Office or, if none, Residence				
		225 South Lake Ave., #400, Pasadena, CA 91101				
	(c)	Citizenship				
	(4)	U.S.A. Title of Class of Securities Common				
	(d)					
	(a)					
	(e)	CUSIP Number				
		143130102				
Item 3.	If this statement is file	If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:				
		•	Broker or dealer registered under section 15 of the Act (15 U.S.C.			
	(a)	О	78o).			
	(b)	o	Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).			
	(-)	_	Insurance company as defined in section 3(a)(19) of the Act (15			
	(c)	0	U.S.C. 78c).			
	(d)	o	Investment company registered under section 8 of the Investment			
			Company Act of 1940 (15 U.S.C 80a-8).			
	(e)	X	An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);			
	(f)	o	An employee benefit plan or endowment fund in accordance with			
			§240.13d-1(b)(1)(ii)(F);			
	(g)	o	A parent holding company or control person in accordance with §			
			240.13d-1(b)(1)(ii)(G);			
	(h)	o	A savings associations as defined in Section 3(b) of the Federal			
			Deposit Insurance Act (12 U.S.C. 1813);			
	(i)	o	A church plan that is excluded from the definition of an investment			
			company under section 3(c)(14) of the Investment Company Act of			
			1940 (15 U.S.C. 80a-3);			
	(j)	O	Group, in accordance with §240.13d-1(b)(1)(ii)(J).			

Item 4. Provide the follow	Ownership	ng the aggregate number and pe	recentage of the class of securities of the issuer identified in Item 1.		
Trovide the rollow	(a)	Amount beneficially owned:	rechange of the chass of securities of the issuer rechange in term 1.		
	(b)	5,364,620 Percent of class:			
	(c)	4.99 % Number of shares as to which	n the person has:		
		(i)	Sole power to vote or to direct the vote		
		(ii)	2,766,820 Shared power to vote or to direct the vote		
		(iii)	0 Sole power to dispose or to direct the disposition of		
		(iv)	5,364,620 Shared power to dispose or to direct the disposition of		
			0		
Item 5. Ownership of Five Percent or Less of a Class If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following X.					
Item 6.	Ownership of More than Five Percent on Behalf of Another Person				
Item 7.	Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person				
Item 8.	Identification and Classification of Members of the Group				
Item 9.	Notice of Dissolution	ı of Group			
Item 10.	Certification				
4					

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

March 7, 2007 Date

/s/ Karen Chen Signature

Karen Chen, CCO Name/Title

5

Signature 6