

Core-Mark Holding Company, Inc.  
Form SC 13D/A  
October 25, 2010

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549

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SCHEDULE 13D  
(Rule 13d-101)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT  
TO RULE 13d-1(a) AND AMENDMENTS THERETO FILED PURSUANT TO  
RULE 13d-2(a)

(Amendment No. 1)1

Core-Mark Holding Company, Inc.  
(Name of Issuer)

Common Stock, \$0.01 par value  
(Title of Class of Securities)

218681104  
(CUSIP Number)

Jerome J. Lande  
MMI Investments, L.P.  
1370 Avenue of the Americas  
New York, New York 10019  
(212) 586-4333  
(Name, Address and Telephone Number of Person  
Authorized to Receive Notices and Communications)

October 21, 2010  
(Date of Event Which Requires Filing of This Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box .

Note. Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

(Continued on following pages)

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1 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 disclosures provided in a prior cover page.

The information required on 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 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).

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CUSIP No. 218681104

1	NAME OF REPORTING PERSONS	MMI Investments, L.P.
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>
3	SEC USE ONLY	
4	SOURCE OF FUNDS	WC
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)	<input type="checkbox"/>
6	CITIZENSHIP OR PLACE OF ORGANIZATION	Delaware
NUMBER OF	7	SOLE VOTING POWER 840,500
SHARES	8	SHARED VOTING POWER - 0 -
BENEFICIALLY	9	SOLE DISPOSITIVE POWER 840,500
OWNED BY	10	SHARED DISPOSITIVE POWER - 0 -
EACH		
REPORTING		
PERSON WITH		
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	840,500
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES	<input type="checkbox"/>
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)	7.8%
14	TYPE OF REPORTING PERSON	PN

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1	NAME OF REPORTING PERSONS	MCM Capital Management, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY		
4	SOURCE OF FUNDS	AF	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)	<input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION	Delaware	
NUMBER OF	7	SOLE VOTING POWER	840,500
SHARES	8	SHARED VOTING POWER	- 0 -
BENEFICIALLY	9	SOLE DISPOSITIVE POWER	840,500
OWNED BY	10	SHARED DISPOSITIVE POWER	- 0 -
EACH			
REPORTING			
PERSON WITH			
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	840,500	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES	<input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)	7.8%	
14	TYPE OF REPORTING PERSON	OO	

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1	NAME OF REPORTING PERSONS	Clay B. Lifflander
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>
3	SEC USE ONLY	
4	SOURCE OF FUNDS	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e)	<input type="checkbox"/>
6	CITIZENSHIP OR PLACE OF ORGANIZATION	USA
NUMBER OF	7	SOLE VOTING POWER - 0 -*
SHARES	8	SHARED VOTING POWER - 0 -
BENEFICIALLY	9	SOLE DISPOSITIVE POWER - 0 -*
OWNED BY	10	SHARED DISPOSITIVE POWER - 0 -
EACH		
REPORTING		
PERSON WITH		
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	- 0 -*
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES	<input type="checkbox"/>
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)	0%*
14	TYPE OF REPORTING PERSON	IN

\*See Item 5.

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The following constitutes Amendment No. 1 to the Schedule 13D filed by the undersigned (“Amendment No. 1”). This Amendment No. 1 amends the Schedule 13D as specifically set forth.

Item 3. Source and Amount of Funds or Other Consideration.

Item 3 is hereby amended and restated to read as follows:

The aggregate purchase price of the 840,500 Shares owned by MMI Investments is \$24,429,190 the source of funds is MMI Investments’ working capital.

MMI Investments effects purchases of securities primarily through margin accounts maintained for it with prime brokers, which may extend margin credit to it as and when required to open or carry positions in the margin accounts, subject to applicable federal margin regulations, stock exchange rules and the prime brokers’ credit policies. In such instances, the positions held in the margin accounts are pledged as collateral security for the repayment of debit balances in the accounts.

Item 5. Interest in Securities of the Issuer.

Item 5 is hereby amended and restated to read as follows:

(a)-(b) The aggregate percentage of Shares reported owned by each Reporting Person is based upon 10,792,971 Shares outstanding as of July 31, 2010, which is the total number of Shares outstanding as reported in the Issuer’s Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on August 6, 2010.

As of the close of business on October 22, 2010, MMI Investments directly owned 840,500 Shares, constituting approximately 7.8% of the Shares outstanding. MMI Investments has the sole power to direct the vote and disposition of such Shares on the date of this statement. MCM does not directly own any Shares. However, by virtue of being the general partner of MMI Investments, MCM may be deemed to be the beneficial owner of the Shares owned by MMI Investments and to have sole power over the voting and disposition of such Shares as a result of its having the sole power to make voting and disposition decisions on behalf of MMI Investments with respect to such Shares. MCM disclaims beneficial ownership of such Shares, except to the extent of its pecuniary interest therein. Mr. Lifflander does not directly own any Shares. However, as a member of a “group” for the purposes of Rule 13d-5(b)(1) of the Securities Exchange Act of 1934, as amended, Mr. Lifflander may be deemed to beneficially own the Shares owned by MMI Investments. Mr. Lifflander disclaims beneficial ownership of such Shares, except to the extent of his pecuniary interest therein.

Except as described above, as of the date hereof, to each Reporting Person’s knowledge, none of the persons listed on Schedule I owns any Shares or has any right to acquire, directly or indirectly, any beneficial ownership of Shares.

(c) Except for the open market purchases of Shares by MMI Investments set forth in Schedule II attached hereto and incorporated herein by reference, there have been no transactions with respect to the Shares since the filing of the initial Schedule 13D by MMI Investments, MCM or Mr. Lifflander, or, to each Reporting Person’s knowledge, any of the persons listed on Schedule I.

(d) No person other than the Reporting Persons is known to have the right to receive, or the power to direct the receipt of dividends from, or proceeds from the sale of, such Shares.

(e) Not applicable.

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SIGNATURES

After reasonable inquiry and to the best of his knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: October 25, 2010

MMI INVESTMENTS, L.P.

By: MCM Capital Management, LLC  
General Partner

By: /s/ JEROME J. LANDE  
Jerome J. Lande  
Executive Vice President

MCM CAPITAL MANAGEMENT, LLC

By: /s/ JEROME J. LANDE  
Jerome J. Lande  
Executive Vice President

/s/ CLAY B. LIFFLANDER  
Clay B. Lifflander



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SCHEDULE II

Transactions in the Shares Since the Filing of the Initial Schedule 13D

Shares of Common Stock Purchased / (Sold)	Price Per Share(\$)	Date of Purchase / Sale
MMI Investments, L.P.		
14,100	32.39	10/15/2010
11,700	32.87	10/18/2010
50,600	33.03	10/19/2010
20,000	33.67	10/20/2010
20,000	33.67	10/21/2010
14,100	33.83	10/22/2010

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