RMR F.I.R.E. Fund Form N-8F June 19, 2009

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form N-8F

Application for Deregistration of Certain Registered Investment Companies.

I.	General Identifying Information					
1.	Reason fund is applying to deregister (check <i>only one</i> ; for descriptions, <i>see</i> Instruction 1 above):					
	X	Merger				
	0	Liquidation				
	0	Abandonment of Registration (Note: Abandonments of Registration answer <i>only</i> questions 1 through 15, 24 and 25 of this form and complete verification at the end of the form.)				
	0	Election of status as a Business Development Company (Note: Business Development Companies answer <i>only</i> questions 1 through 10 of this form and complete verification at the end of the form.)				
2.	Name of fund: RMR F.I.R.E. Fund (the <u>Fund</u>)					
3.	Securities and Exchange Commission File No.: 811-21616					
4. Is this an initial Form N-8F or an amendment to a previously filed Form N-8F?						
	X	Initial Application o Amendment				
5.	Address of Principal Executive Office (include No. & Street, City, State, Zip Code):					
	400 Centre Street Newton, Massachu	setts 02458				

Name, address, and telephone number of individual the Commission staff should contact with any questions regarding this form: 6.

Michael Hoffman Skadden, Arps, Slate, Meagher & Flom LLP 4 Times Square New York, New York 10036 212-735-3000

7. Name, address and telephone number of individual or entity responsible for maintenance and preservation of fund records in accordance with rules 31a-1 and 31a-2 under the Act [17 CFR 270.31a-1, .31a-2]:

Karen Jacoppo-Wood RMR Advisors, Inc. 400 Centre Street Newton, Massachusetts 02458

	NOTE:		Once deregistered, a fund is still required to maintain and preserve the records described in rules 31a-1 and 31a-2 for the periods specified in those rules.				
8.	Classification of fund (check only one):						
	x Management	company;					
	o Unit investme	Unit investment trust; or					
	o Face-amount	certificate company.					
9.	Subclassification if the fund is a management company (check only one):						
	o Open-end		x	Closed-end			
10.	State law under which	rate law under which the fund was organized or formed (e.g., Delaware, Massachusetts): Massachusetts					
11.	Provide the name and address of each investment adviser of the fund (including sub-advisers) during the last five years, even if the fund contracts with those advisers have been terminated:						
	RMR Advisors, Inc. 400 Centre Street Newton, Massachusetts 02458						
12.	Provide the name and address of each principal underwriter of the fund during the last five years, even if the fund s contracts with those underwriters have been terminated:						
	RBC Capital Markets Corporation 1 Liberty Plaza New York, New York 10006						
	RBC Dain Rauscher Inc. 60 South 6th Street Minneapolis, Minnesota 55402						
	A.G. Edwards & Sons 1 North Jefferson Stre St. Louis, Missouri 63	eet					
13.	If the fund is a unit investment trust (UIT) provide:						
	(a) Depositor s name(s) and address(es): N/A						
	(b) Trustee s name(s) and address(es): N/A						
14.	Is there a UIT registered under the Act that served as a vehicle for investment in the fund (e.g., an insurance company separate account)?						
	o Yes	x No					
	If Yes, for each UIT state:						
	Nan	ne(s):					
	File	No.: 811-					
	Bus	Business Address:					

15.	(a)	Did the fund obtain approval from the board of directors concerning the decision to engage in a Merger, Liquidation or Abandonment of Registration?			
		x Yes	o No		
		If Yes, state the date on which the board vote took place: December 18, 2008			
		If No, explain:			
	(b)	Did the fund obtain approval from the shareholders concerning the decision to engage in a Merger, Liquidation or Abandonment of Registration?			
		x Yes	o No		
		If Yes, state the date on which the shareholder vote took place: June 4, 2009			
		If No, explain:			
II.	Distributions to	ions to Shareholders			
16.	Has the fund distr	as the fund distributed any assets to its shareholders in connection with the Merger or Liquidation?			
	x Yes	o No			
	(a)	If Yes, list the date(s) on which the fund made those distributions: June 18, 2009			
(b) Were the distributions made on the basis of net assets?		ssets?			
		x Yes	o No		
	(c)	Were the distributions made <i>pro rata</i> based on share ownership?			
		x Yes	o No		
	(d)	If No to (b) or (c) above, describe the method of distributions to shareholders. For Mergers, provide the exchange ratio(s) used and explain how it was calculated:			
	(e)	Liquidations only: Were any distributions to shareholders made in k	ind?		
		o Yes	o No		
	If Yes, indicate the percentage of fund shares owned by affiliates, or any other affiliation of shareholders:				

17.	Closed-end funds only: Has the fund issued senior securities?				
	x Yes	o No			
	If Yes, describe the method of calculating payments to senior securityholders and distributions to other shareholders:				
	asset values of the Fund 1	ares of the Fund were exchanged for common shares of RMR Real Estate Income Fund based on the relative net of each fund s common shares as of 4:00 p.m. on June 18, 2009. Each holder of Series W Auction Preferred Shares received Series W Auction Preferred Shares of RMR Real Estate Income Fund having an aggregate liquidation qual to the aggregate liquidation preference attributable to the Series W Auction Preferred Shares of the Fund that ged.			
18.	Has the fund distributed <i>all</i> of its assets to the fund s shareholders?				
	x Yes	o No			
	If No,				
	(a)	How many shareholders does the fund have as of the date this form is filed?			
	(b)	Describe the relationship of each remaining shareholder to the fund:			
19.	Are there any shareholders who have not yet received distributions in complete liquidation of their interests?				
	o Yes	x No			
	If Yes, descri	be briefly the plans (if any) for distributing to, or preserving the interests of, those shareholders:			
III.	Assets and Liabilities				
20.	Does the fund have any assets as of the date this form is filed? (See question 18 above)				
	o Yes	x No			
	If Yes,				
	(a)	Describe the type and amount of each asset retained by the fund as of the date this form is filed:			
	(b)	Why has the fund retained the remaining assets?			
	(c)	Will the remaining assets be invested in securities?			
		o Yes o No			
21.	Does the fund have any outstanding debts (other than face-amount certificates if the fund is a face-amount certificate company) or any other liabilities?				
	o Yes	x No			
	If Yes,				
	(a)	Describe the type and amount of each debt or other liability:			
	(b)	How does the fund intend to pay these outstanding debts or other liabilities?			

IV.	Information	About Event(s) Leading to Request For Deregistration				
1.	(a)	List the expenses	List the expenses incurred in connection with the Merger or Liquidation:			
		(i)	Legal e	xpenses: \$110,477		
		(ii)	Accour	Accounting expenses: \$0		
		(iii)	Other expenses (list and identify separately):			
			(1)	Printing: \$12,111		
			(2)	Proxy Solicitation: \$10,081		
			(3)	Proxy Mailing/Tabulation: \$7,564		
			(4)	Newswire: \$441		
			(5)	Transfer Agency Out-of-Pocket: \$337		
		Total expenses (s	um of lines (i)-(iii) above): \$141,011		
	(b)	How were those expenses allocated?		cated?		
		These expenses v	were allocate	ed to the Fund.		
	(c)	Who paid those expenses? These expenses were paid by the Fund.				
	(d)	How did the fund pay for unamortized expenses (if any)?				
		N/A				
2.	Has the fund	previously filed an app	olication for a	an order of the Commission regarding the Merger or Liquidation?		
	o Yes			x No		
	If Yes, cite the application		he Commissi	on s notice and order or, if no notice or order has been issued, the file number and date		
v.	Conclusion of	ion of Fund Business				
3.	Is the fund a	party to any litigation of	or administra	tive proceeding?		
	o Yes			x No		
	If Yes, descri	ibe the nature of any lit	igation or pr	oceeding and the position taken by the fund in that litigation:		

4. Is the fund now engaged, or intending to engage, in any business activities other than those necessary for winding up its affairs? o Yes x No If Yes, describe the nature and extent of those activities: VI. **Mergers Only** State the name of the fund surviving the Merger: RMR Real Estate Income Fund 5. (a) (b) State the Investment Company Act file number of the fund surviving the Merger: 811-22234 If the merger or reorganization agreement has been filed with the Commission, state the file number(s), form (c) type used and date the agreement was filed: The Form of Agreement and Plan of Reorganization was filed with the Commission on Form N-14 (File No. 333-153201) on March 30, 2009. It was included as Appendix C to the SAI. If the merger or reorganization agreement has not been filed with the Commission, provide a copy of the (d) agreement as an exhibit to this form. N/A 6

VERIFICATION

The undersigned states that (i) he has executed this Form N-8F application for an order under section 8(f) of the Investment Company Act of 1940 on behalf of RMR F.I.R.E. Fund, (ii) he is a Trustee and the President and Principal Executive Officer of RMR F.I.R.E. Fund, and (iii) all actions by shareholders, directors, and any other body necessary to authorize the undersigned to execute and file this Form N-8F application have been taken. The undersigned also states that the facts set forth in this Form N-8F application are true to the best of his knowledge, information and belief.

RMR F.I.R.E. FUND

By: /s/ Adam D. Portnoy Name: Adam D. Portnoy

Title: Trustee, President and Principal Executive Officer