CF Industries Holdings, Inc. Form SC 13G/A February 14, 2007

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b)(c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

(Amendment No. 1) CF Industries Holdings, Inc. (CF) _____ ______ (Name of Issuer) Common Stock, par value \$0.01 per share (Title of Class of Securities) 125269100 _____ _____ (CUSIP Number) December 31, 2006 (Date of Event Which Requires Filing of this Statement) Check the appropriate box to designate the rule pursuant to which this Schedule is filed: [_] Rule 13d-1(b) [X] Rule 13d-1(c) [_] Rule 13d-1(d) CUSIP No. 125269100 NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) Alan Fournier c/o Pennant Capital Management, LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [_] (b) [X]

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

CITIZENSHIP OR PLACE OF ORGANIZATION

SEC USE ONLY

United States

5. SOLE VOTING POWER 0 SHARED VOTING POWER 1,615,930 SOLE DISPOSITIVE POWER 8. SHARED DISPOSITIVE POWER 1,615,930 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,615,930 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [_] 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 2.93% 12. TYPE OF REPORTING PERSON IN CUSIP No. 125269100 NAME OF REPORTING PERSONS 1. I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) Pennant Capital Management, LLC 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [_] (b) [X] 3. SEC USE ONLY 4. CITIZENSHIP OR PLACE OF ORGANIZATION Delaware NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH 5. SOLE VOTING POWER 0 6. SHARED VOTING POWER

1,615,930

7.	SOLE DI	ISPOSITIVE POWER			
	0				
8.	SHARED DISPOSITIVE POWER				
	1,615,930				
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
	1,615,930				
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES				
			[_]		
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9				
	2.93%				
12.	TYPE OF	F REPORTING PERSON			
	00				
CUSI	P No. 12	25269100 			
Item	1(a).	Name of Issuer:			
		CF Industries Holdings, Inc. (CF)			
T+ 0m	1 (b)	Address of Issuer's Principal Executive Offices:			
1 Celli	1(D).	One Salem Lake Drive			
		Long Grove, Illinois 60047			
Item	2(a).	Name of Person Filing:			
		Alan Fournier c/o Pennant Capital Management, LLC Pennant Capital Management, LLC			
Item	2(b).	Address of Principal Business Office, or if None, Residence:			
		Alan Fournier c/o Pennant Capital Management, LLC 40 Main Street Chatham, NJ 07928			
		Pennant Capital Management, LLC 40 Main Street Chatham, NJ 07928			
Item	2(c).	Citizenship:			

Alan Fournier - United States Citizen

		Per	nnant Capital Management, LLC - Delaware Limited Liability Company			
Item	2(d).	Ti	tle of Class of Securities:			
		Coi	mmon Stock, par value \$0.01 per share			
T+ om	2 (0)	CII	SIP Number:			
ı cem	2(0).	CO	or number.			
		12	5269100			
Item	3.		This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) (c), Check Whether the Person Filing is a:			
	(a)	[_]	Broker or dealer registered under Section 15 of the Exchange Act.			
	(b)	[_]	Bank as defined in Section 3(a)(6) of the Exchange Act.			
	(c)	[_]	Insurance company as defined in Section 3(a)(19) of the Exchange Act.			
	(d)	[_]	Investment company registered under Section 8 of the Investment Company Act.			
	(e)	[_]	An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);			
	(f)	[_]	An employee benefit plan or endowment fund in accordance with Rule $13d-1$ (b) (1) (ii) (F);			
	(g)	[_]	A parent holding company or control person in accordance with Rule $13d-1(b)(1)(ii)(G)$;			
	(h)	[_]	A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;			
	(i)	[_]	A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act;			
	(j)	[_]	Group, in accordance with Rule 13d-1(b)(1)(ii)(J).			
Item	4. 0	wner	ship.			
Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.						
	(a)	Amount beneficially owned:				
	1,615,930 shares deemed beneficially owned by Alan Fournier; 1,615,930 shares deemed beneficially owned by Pennant Capita Management, LLC					
	(b) Percent of class:					
			.93% beneficially deemed owned by Alan Fournier; .93% beneficially deemed owned by Pennant Capital Management, LLC			

(c) Number of shares as to which such person has:

(i) Sole power to vote or to direct the vote

Alan Fournier: 0
Pennant Capital Management, LLC: 0

reilliant Capital Management, LDC

(ii) Shared power to vote or to direct the vote

Alan Fournier: 1,615,930
Pennant Capital Management, LLC: 1,615,930

(iii) Sole power to dispose or to direct the

disposition of

Alan Fournier: 0
Pennant Capital Management, LLC: 0

(iv) Shared power to dispose or to direct the

disposition of

Alan Fournier: 1,615,930 Pennant Capital Management, LLC: 1,615,930

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.

If any other person is known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, such securities, a statement to that effect should be included in response to this item and, if such interest relates to more than five percent of the class, such person should be identified. A listing of the shareholders of an investment company registered under the Investment Company Act of 1940 or the beneficiaries of employee benefit plan, pension fund or endowment fund is not required.

N/A

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

If a parent holding company or Control person has filed this schedule, pursuant to Rule 13d-1(b)(1)(ii)(G), so indicate under Item 3(g) and attach an exhibit stating the identity and the Item 3 classification of the relevant subsidiary. If a parent holding company or control person has filed this schedule pursuant to Rule 13d-1(c) or Rule 13d-1(d), attach an exhibit stating the identification of the relevant subsidiary.

N/A

Item 8. Identification and Classification of Members of the Group.

If a group has filed this schedule pursuant to ss.240.13d-1(b)(1)(ii)(J), so indicate under Item 3(j) and attach an exhibit stating the identity and Item 3 classification of each member of the group. If a group has filed this schedule pursuant to ss.240.13d-1(c) or ss.240.13d-1(d), attach an exhibit stating the identity of each member of the group.

N/A

Item 9. Notice of Dissolution of Group.

Notice of dissolution of a group may be furnished as an exhibit stating the date of the dissolution and that all further filings with respect to transactions in the security reported on will be filed, if required, by members of the group, in their individual capacity. See Item 5.

N/A

Item 10. Certifications.

By signing below the Reporting Persons certify that, to the best of their knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having such purpose or effect.

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.

February 14, 2007
-----(Date)

PENNANT CAPITAL MANAGEMENT, LLC*

By: /s/ Alan Fournier

Name: Alan Fournier Title: Managing Member

ALAN FOURNIER*

/s/ Alan Fournier
-----Alan Fournier

EXHIBIT A

AGREEMENT

The undersigned agree that this Schedule 13G dated February 14, 2007 relating to the Common Stock, par value \$0.01 per share, of CF Industries Holdings, Inc. (CF) shall be filed on behalf of the undersigned.

PENNANT CAPITAL MANAGEMENT, LLC

By: /s/ Alan Fournier

Name: Alan Fournier Title: Managing Member

 $^{^{\}star}$ The Reporting Persons specifically disclaim beneficial ownership of the securities reported herein except to the extent of their pecuniary interest therein.

ALAN FOURNIER

/s/ Alan Fournier
-----Alan Fournier

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