CF Industries Holdings, Inc. Form SC 13G/A August 11, 2008

see the Notes).

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G Under the Securities Exchange Act of 1934 (Amendment No. 2)\*

CF INDUSTRIES HOLDINGS, INC.
(Name of Issuer)
Common Stock, \$0.01 par value
(Title of Class of Securities)
125269100
(CUSIP Number)
July 31, 2008
(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)
[_] Rule 13d-1(c)
[_] 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,

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CUSIP No. 1252691	13G	
1. Name of Report I.R.S. Identi	rting Person Ification No. of above Person	
(Goldmar	Sachs Asset Management  Sachs Asset Management, L.P., together with GS ent Strategies, LLC, "Goldman Sachs Asset Management")	
2. Check the App	propriate Box if a Member of a Group	
	(a) [_] (b) [_]	
3. SEC Use Only		
4. Citizenship	or Place of Organization	
Delaware	÷	
	5. Sole Voting Power	
Number of	0	
Shares	6. Shared Voting Power	
Beneficially Owned by	1,709,733	
- Each	7. Sole Dispositive Power	
Reporting	0	
Person	8. Shared Dispositive Power	
With:	1,709,733	
9. Aggregate Amo	ount Beneficially Owned by Each Reporting Person	
1,709,73	33	
10. Check if the	Aggregate Amount in Row (9) Excludes Certain Shares	

[\_]

11. Percent of Class Represented by Amount in Row (9)							
	3.0 %						
12. Type	e of Re	ing Person					
	IA						
		Paç	ge 2 of 9				
Item 1(a)		ame of Issuer: F INDUSTRIES HO	OLDINGS, INC.				
Item 1(b)	•	ddress of Issue Parkway North uite 400 eerfield, IL 60	er's Principal Executive Offices:				
Item 2(a)		ame of Persons	Filing:				
		OLDMAN SACHS AS	SSET MANAGEMENT				
Item 2(b)	•	ddress of Princ	cipal Business Office or, if none, Residence:				
		oldman Sachs As 2 Old Slip ew York, NY 1(	osset Management				
Item 2(c)			SSET MANAGEMENT, L.P Delaware TRATEGIES, LLC - Delaware				
Item 2(d)	•	itle of Class o					
Item 2(e)		JSIP Number: 25269100					
Item 3.			nt is filed pursuant to Rules 13d-1(b) or check whether the person filing is a:				
	(a).[	Broker or deale	er registered under Section 15 of the Act				
	(b).[	Bank as defined 15 U.S.C. 78c)	d in Section 3(a)(6) of the Act				
	(c).[	Insurance compa 15 U.S.C. 78c)	any as defined in Section 3(a)(19) of the Act				
	(d).[	Investment comp	pany 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 Rule 13d-1(b)(1)(ii)(E); Goldman Sachs Asset Management, L.P. GS Investment Strategies, LLC

- (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 (12 U.S.C. 1813);
- (i).[ ] 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).[ ] Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

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#### Item 4. Ownership.\*

- (a). Amount beneficially owned:
   See the response(s) to Item 9 on the attached cover page(s).
- (b). Percent of Class:
   See the response(s) to Item 11 on the attached cover page(s).
- (c). Number of shares as to which such person has:
  - (i). Sole power to vote or to direct the vote: See the response(s) to Item 5 on the attached cover page(s).
  - (ii). Shared power to vote or to direct the vote: See the response(s) to Item 6 on the attached cover page(s).
  - (iii). Sole power to dispose or to direct the disposition of: See the response(s) to Item 7 on the attached cover page(s).
  - (iv). Shared power to dispose or to direct the disposition of: See the response(s) to Item 8 on the attached cover page(s).
- 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 persons have ceased to be the beneficial owners 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.

Not Applicable

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

Not Applicable

Item 8. Identification and Classification of Members of the Group. Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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 that purpose or effect.

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\* In accordance with Securities and Exchange Commission Release No. 34-39538 (January 12, 1998) (the "Release"), this filing reflects the securities beneficially owned by Goldman Sachs Asset Management, L.P. ("GSAM") and GS Investment Strategies, LLC ("GSIS"), each a wholly-owned subsidiary of The Goldman Sachs Group, Inc. ("GS Group"). This filing does not reflect securities, if any, beneficially owned by any other subsidiaries of GS Group whose ownership is disaggregated from that of GSAM and GSIS in accordance with the Release. GSAM and GSIS, each an investment adviser, disclaim beneficial ownership of the securities beneficially owned by (i) any client accounts with respect to which GSAM or GSIS or their employees have voting or investment discretion, or both and (ii) securities managed, if any, on GSAM's or GSIS's behalf, by third parties.

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#### 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.

Date: August 7, 2008

GOLDMAN SACHS ASSET MANAGEMENT, L.P.

By:/s/ Jeremy Kahn

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Name: Jeremy Kahn
Title: Attorney-in-fact

GS INVESTMENT STRATEGIES, LLC

By:/s/ Jeremy Kahn

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Name: Jeremy Kahn Title: Attorney-in-fact

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#### INDEX TO EXHIBITS

Exhibit No.	Exhibit	
99.1	Joint Filing Agreement	
99.2	Power of Attorney, relating to	
	GOLDMAN SACHS ASSET MANAGEMENT,	L.P.
99.3	Power of Attorney, relating to	
	GS INVESTMENT STRATEGIES, LLC	

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EXHIBIT (99.1)

#### JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k)(1) promulgated under the Securities Exchange Act of 1934, the undersigned agree to the joint filing of a Statement on Schedule 13G (including any and all amendments thereto) with respect to the Common Stock, \$0.01 par value, of CF INDUSTRIES HOLDINGS, INC. and further agree to the filing of this agreement as an Exhibit thereto. In addition, each party to this Agreement expressly authorizes each other party to this Agreement to file on its behalf any and all amendments to such Statement on Schedule 13G.

Date: August 7, 2008

GOLDMAN SACHS ASSET MANAGEMENT, L.P.

By:/s/ Jeremy Kahn

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Name: Jeremy Kahn
Title: Attorney-in-fact

GS INVESTMENT STRATEGIES, LLC

By:/s/ Jeremy Kahn

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Name: Jeremy Kahn Title: Attorney-in-fact

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EXHIBIT (99.2)

### POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS that GOLDMAN SACHS ASSET MANAGEMENT, L.P. (the "Company") does hereby make, constitute and appoint each of Catherine Wedgbury, Ronald L. Christopher and Jeremy Kahn, (and any other employee of The Goldman Sachs Group, Inc. or one of its affiliates designated in writing by one of the attorneys-in-fact), acting individually, its true and lawful attorney, to

execute and deliver in its name and on its behalf whether the Company is acting individually or as representative of others, any and all filings required to be made by the Company under the Securities Exchange Act of 1934, (as amended, the "Act"), with respect to securities which may be deemed to be beneficially owned by the Company under the Act, giving and granting unto each said attorney-in-fact power and authority to act in the premises as fully and to all intents and purposes as the Company might or could do if personally present by one of its authorized signatories, hereby ratifying and confirming all that said attorney-in-fact shall lawfully do or cause to be done by virtue hereof.

THIS POWER OF ATTORNEY shall remain in full force and effect until either revoked in writing by the undersigned or until such time as the person or persons to whom power of attorney has been hereby granted cease(s) to be an employee of The Goldman Sachs Group, Inc. or one of its affiliates.

IN WITNESS  $\,$  WHEREOF,  $\,$  the undersigned has duly subscribed these presents as of March 6, 2008.

GOLDMAN SACHS ASSET MANAGEMENT, L.P.

By:/s/ Ellen R. Porges

Name: Ellen R. Porges Title: Managing Director

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EXHIBIT (99.3)

#### POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS that GS INVESTMENT STRATEGIES, LLC (the "Company") does hereby make, constitute and appoint each of Catherine Wedgbury, Ronald L. Christopher and Jeremy Kahn (and any other employee of The Goldman Sachs Group, Inc. or one of its affiliates designated in writing by one of the attorneys-in-fact), acting individually, its true and lawful attorney, to execute and deliver in its name and on its behalf whether the Company is acting individually or as representative of others, any and all filings required to be made by the Company under the Securities Exchange Act of 1934, (as amended, the "Act"), with respect to securities which may be deemed to be beneficially owned by the Company under the Act, giving and granting unto each said attorney-in-fact power and authority to act in the premises as fully and to all intents and purposes as the Company might or could do if personally present by one of its authorized signatories, hereby ratifying and confirming all that said attorney-in-fact shall lawfully do or cause to be done by virtue hereof.

THIS POWER OF ATTORNEY shall remain in full force and effect until either revoked in writing by the undersigned or until such time as the person or persons to whom power of attorney has been hereby granted cease(s) to be an employee of The Goldman Sachs Group, Inc. or one of its affiliates.

IN WITNESS WHEREOF, the undersigned has duly subscribed these presents as of March 7, 2008.

GS INVESTMENT STRATEGIES, LLC

By: /s/ Ellen Porges

Name: Ellen R. Porges Title: Managing Director

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