Ternium S.A. Form SC 13G/A February 10, 2009

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

SCHEDULE 13G Under the Securities Exchange Act of 1934

(Amendment No. 2)*

Ternium S.A.

(Name of Issuer)

Common Stock, \$1.00 par value per share

(Title of Class of Securities)

880890108

(CUSIP Number)

December 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:

o Rule 13d-1(b)

oRule 13d-1(c)

xRule 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. 880890108 NAMES OF REPORTING PERSONS 1. ROCCA & PARTNERS S.A. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) 00-0000000 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) o (b) o SEC USE ONLY 3. 4. CITIZENSHIP OR PLACE OF ORGANIZATION **BRITISH VIRGIN ISLANDS** SOLE VOTING POWER: 0 5. NUMBER OF **SHARES** SHARED VOTING POWER: 6. **BENEFICIALLY** 1,445,368,426 **OWNED BY EACH** 7. SOLE DISPOSITIVE POWER: 0 REPORTING **PERSON** 8. SHARED DISPOSITIVE POWER: WITH: 1,445,368,426 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON: 1,445,368,426

0

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): 72.1%

10.

CERTAIN SHARES (SEE INSTRUCTIONS)

12.	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS): CO
Page 2 of 14 pages	

CUSIP NO. 880890108 1. NAMES OF REPORTING PERSONS SAN FAUSTIN N.V. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) 00-0000000 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) o (b) o SEC USE ONLY 3. CITIZENSHIP OR PLACE OF ORGANIZATION 4. **NETHERLANDS ANTILLES** NUMBER OF 5. **SOLE VOTING POWER: 0 SHARES** BENEFICIALLY 6. SHARED VOTING POWER: 1,445,368,426 OWNED BY **EACH** 7. **SOLE DISPOSITIVE POWER: 0** REPORTING **PERSON** 8. SHARED DISPOSITIVE POWER: 1,445,368,426 WITH: 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON: 1,445,368,426 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES 10.

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): 72.1%

CERTAIN SHARES (SEE INSTRUCTIONS)

11.

12.	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS): CO
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CUSIP NO. 880890108			
1.	NAMES OF REPORTING PERSONS		
I.I.I. INDUSTRIAL I	NVEST	TMENTS INC.	
I.R.S. IDENTIFICAT	'ION NO	OS. OF ABOVE PERSONS (ENTITIES ONLY)	
00-0000000			
2. CHECK	ГНЕ АР	PPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)	
(a) o			
(b) o			
3.		SEC USE ONLY	
4.		CITIZENSHIP OR PLACE OF ORGANIZATION	
CAYMAN ISLANDS	3		
NUMBER OF	5.	SOLE VOTING POWER: 1,215,655,232	
SHARES BENEFICIALLY	6.	SHARED VOTING POWER: 229,713,194	
OWNED BY EACH	7.	SOLE DISPOSITIVE POWER: 1,215,655,232	
REPORTING PERSON WITH:	8.	SHARED DISPOSITIVE POWER: 229,713,194	
9. A0 PERSON: 1,445,368,4		GATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING	
10. CERTAIN SHARES o		K BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES NSTRUCTIONS)	
11.	PERCE!	ENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): 72.1%	

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CUSIP NO. 880890108	
1.	NAMES OF REPORTING PERSONS
TENARIS S.A.	
I.R.S. IDENTIFICAT	ON NOS. OF ABOVE PERSONS (ENTITIES ONLY)
00-0000000	
2. CHECK T	HE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)
(a) o	
(b) o	
3.	SEC USE ONLY
4.	CITIZENSHIP OR PLACE OF ORGANIZATION
GRAND DUCHY OF	LUXEMBOURG
NUMBER OF	5. SOLE VOTING POWER: 229,713,194
SHARES BENEFICIALLY	6. SHARED VOTING POWER: 1,215,655,232
OWNED BY EACH	7. SOLE DISPOSITIVE POWER: 229,713,194
REPORTING PERSON WITH:	8. SHARED DISPOSITIVE POWER: 1,215,655,232
9. A0 PERSON: 1,445,368,4	GREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING 26
	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES SEE INSTRUCTIONS)
11.	ERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): 72.1%

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Item 1.	(a)	Name of Issuer:
Ternium S.A.		
	(b)	Address of Issuer's Principal Executive Offices:
46A, avenue John F L-1855 Luxembou		
Item 2.	(a)	Name of Person Filing:
Rocca & Partners S San Faustín N.V. I.I.I. Industrial Inve Tenaris S.A.		
(b)	Address of Principal Business Office or, if none, Residence:
Rocca & Partners S Vanterpool Plaza, 2 Wickhams Cay I, R British Virgin Islan	end Floor, Load Town, Tortola	
San Faustín N.V. Berg Arrarat 1 Curação Netherlands Antille	es	
I.I.I. Industrial Inve 69 Dr. Roy's Drive Georgetown, Grand Cayman Islands	,	
Tenaris S.A. 46A, Avenue John L-1855 Luxembour Grand Duchy of Lu	·g,	
Citizenship:		
See item 4 on page See item 4 on page See item 4 on page See item 4 on page	3 4	
	(c)	Title of Class of Securities:

Common Stock, \$1.00 par value per share

(d) CUSIP Number:

880890108

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Item If this statem 3. (Not Applica	•	§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a
(e) (f) o (g) o (h) o A savings (i) o A church plan	o Insurance con company registered under o An ir An employee benefit pl A parent holding compassociation as defined ir	dealer registered under section 15 of the Act (15 U.S.C. 78o); ank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c); apany as defined in section 3(a)(19) of the Act (15 U.S.C. 78c); ar section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8); are redownent adviser in accordance with §240.13d-1(b)(1)(ii)(E); an or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); any or control person in accordance with §240.13d-1(b)(1)(ii)(G); a Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); a definition of an investment company under section 3(c)(14) of the U.S.C. 80a-3); Group, in accordance with §240.13d-1(b)(1)(ii)(J).
Item 4.		Ownership.
Provide the following issuer identified in I		the aggregate number and percentage of the class of securities of the
	(a)	Amount beneficially owned:
See item 9 on page 2 See item 9 on page 3 See item 9 on page 3 See item 9 on page 3	3 4	
representing ten sha	ares of common stock each gregate price of USD 35,	th, 2008, I.I.I. Industrial Investments Inc. acquired 3,158,600 ADRs, ch, in various "on the exchange" transactions in the New York Stock 517,831.66; said ADRs were converted into 31,586,000 shares of
	(b)	Percent of class:
See item 11 on page See item 11 on page See item 11 on page See item 11 on page	e 3 e 4	
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	(c) Number of shares as to which the person has:	
(i)	Sole power to vote or to direct the vote:	
See item 5 on page 2 See item 5 on page 3 See item 5 on page 4 See item 5 on page 5		
(ii)	Shared power to vote or to direct the vote:	
See item 6 on page 2 See item 6 on page 3 See item 6 on page 4 See item 6 on page 5		
(iii)	Sole power to dispose or to direct the disposition of:	
See item 7 on page 2 See item 7 on page 3 See item 7 on page 4 See item 7 on page 5		
(iv)	Shared power to dispose or to direct the disposition of:	
See item 8 on page 2 See item 8 on page 3 See item 8 on page 4 See item 8 on page 5		
Rocca & Partners S.A. controls a significant portion of the voting power of San Faustin N.V. and has the ability to influence matters affecting, or submitted to a vote of the shareholders of, San Faustin N.V., such as the election of directors, the approval of certain corporate transactions and other matters concerning the company's policies. I.I.I. Industrial Investments Inc. is a wholly owned subsidiary of San Faustin N.V. I.I.I. Industrial Investments Inc. holds the 60.8% of the shares of Tenaris S.A.		
There are no controlling	ng shareholders for Rocca & Partners S.A.	

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Item 5.	Ownership of Five Percent or Less of a Class.
	led to report the fact that as of the date hereof the reporting person has ceased to be the han five percent of the class of securities, check the following o.
Not applicable.	
Item 6.	Ownership of More than Five Percent on Behalf of Another Person.
Not applicable.	
Item Identification and C 7. Parent Holding Cor	Classification of the Subsidiary Which Acquired the Security Being Reported on By the npany.
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.
Not applicable.	
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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I, Fernando Mantilla, attorney duly authorized by ROCCA & PARTNERS S.A. to sign this statement, certify that the information set forth in this Schedule 13G is true, complete and correct.

Pursuant to Rule 13d-1(k)(1), the undersigned joins in the filing of this Schedule 13G on his own behalf and on behalf of SAN FAUSTIN N.V., I.I.I. INDUSTRIAL INVESTMENTS INC. and TENARIS S.A.

February 10th, 2009

/s/ Fernando R.
Mantilla
Fernando R.
Mantilla
Attorney-in-fact

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I, Fernando Mantilla, attorney duly authorized by SAN FAUSTIN N.V. to sign this statement, certify that the information set forth in this Schedule 13G is true, complete and correct.

Pursuant to Rule 13d - 1(k)(1), the undersigned joins in the filing of this Schedule 13G on his own behalf and on behalf of ROCCA & PARTNERS S.A., I.I.I. INDUSTRIAL INVESTMENTS INC. and TENARIS S.A.

February 10th, 2009

/s/ Fernando R.
Mantilla
Fernando R.
Mantilla
Attorney-in-fact

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I, Fernando Mantilla, attorney duly authorized by I.I.I. INDUSTRIAL INVESTMENTS INC. to sign this statement, certify that the information set forth in this Schedule 13G is true, complete and correct.

Pursuant to Rule 13d-1(k)(1), the undersigned joins in the filing of this Schedule 13G on his own behalf and on behalf of ROCCA & PARTNERS S.A., SAN FAUSTIN N.V. and TENARIS S.A.

February 10th, 2009

/s/ Fernando R.
Mantilla
Fernando R.
Mantilla
Attorney-in-fact

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I, Fernando Mantilla, attorney duly authorized by TENARIS S.A. to sign this statement, certify that the information set forth in this Schedule 13G is true, complete and correct.

Pursuant to Rule 13d - 1(k)(1), the undersigned joins in the filing of this Schedule 13G on his own behalf and on behalf of ROCCA & PARTNERS S.A., SAN FAUSTIN N.V. and I.I.I. INDUSTRIAL INVESTMENTS INC.

February 10th, 2009

/s/ Fernando R.
Mantilla
Fernando R.
Mantilla
Attorney-in-fact

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EXHIBIT INDEX

Exhibit Description

- A Power of Attorney for Rocca & Partners S.A., dated December 22nd, 2006.*
- B Power of Attorney for San Faustín N.V., dated December 22nd, 2006.*
- C Power of Attorney for I.I.I. Industrial Investments Inc., dated December 22nd, 2006.*
- D Power of Attorney for Tenaris S.A., dated December 22nd, 2006.

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^{*} Previously filed as an Exhibit to the Schedule 13G of Ternium S.A. dated February 13th, 2007.