SEC 1746 (11-02)

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13D/A

OMB APPROVAL

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2005

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Under the Securities Exchange Act of 1934 (Amendment No. 5)*

Schnitzer Steel Industries, Inc.

(Name of Issuer)

Class A Common Stock, \$1.00 par value per share

(Title of Class of Securities)

806882106

(CUSIP Number)

Mark R. Beatty, Esq. Cascade Investment, L.L.C. 2365 Carillon Point Kirkland, WA 98033 (425) 889-7900 Matthew S. Topham, Esq. Preston Gates & Ellis LLP 925 Fourth Avenue, Suite 2900 Seattle, WA 98104-1158 (206) 623-7580

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

September 16, 2003

(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 §§240.13d-1(e), 240.13d-1(f) or 240.13d-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 §240.13d-7 for other parties to whom copies are to be sent.

* 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 ("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).

		e Act (however, see the Notes).	
CUSIP No.	806882106		
1. Names of Reporting Persons. I.R.S. Identificates Cascade Investment, L.L.C.		Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). nvestment, L.L.C.	
2.	Check the	e Appropriate Box if a Member of a Group (See Instructions)	
	(a)	[]	
	(b)		
3.	SEC Use Only		

4. Source of Funds (See Instructions) WC			
5.	5. Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) []		
6.	Citizenship or Place of Organization State of Washington		
	7.	Sole Voting Power 694,400*	
Number of Shares Beneficially	8.	Shared Voting Power N/A	
Owned by Each Reporting Person With	9.	Sole Dispositive Power 694,400*	
	10.	Shared Dispositive Power N/A	
11.	Aggregate 694,400*	Amount Beneficially Owned by Each Reporting Person	
12.			
13.			
14.			
he number o The	f shares reflectations	mmon Stock held by Cascade may be deemed to be beneficially owned by William H. Gates III as the sole member of Cascade. ects a 2-for-1 stock split of the Issuer's Common Stock that was effected on August 14, 2003 (the "Stock Split"). are based on a total of 10,905,200 shares of Common Stock, which is the number of shares outstanding as of July 1, 2003, as last s Form 10-Q filed with the SEC on July 14, 2003, as adjusted for the Stock Split.	
1.	Names of I William H.	Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). Gates III	
2.	Check the (a) (b)	Appropriate Box if a Member of a Group (See Instructions) [] []	
3.	SEC Use C		
4.			

Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)

5.

6.	Citizenship or Place of Organization United States		
0.			
	7.	Sole Voting Power 694,400*	
Number of Shares Beneficially	8.	Shared Voting Power N/A	
Owned by Each Reporting Person With	9.	Sole Dispositive Power 694,400*	
	10.	Shared Dispositive Power N/A	
11.			
11.	Aggregate 694,400*	N/A	
	Aggregate 694,400* Check if the second of t	N/A Amount Beneficially Owned by Each Reporting Person	

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This Amendment No. 5 to Schedule 13D relates to the Class A Common Stock, \$1.00 par value per share (the "Common Stock"), of Schnitzer Steel Industries, Inc. (the "Issuer") and is being filed on behalf of the undersigned to amend the Schedule 13D which was originally filed on January 5, 1998 and previously amended by Amendment No. 1 filed with the SEC on September 18, 1998, by Amendment No.2, filed with the SEC on October 15, 1998, by Amendment No. 3, filed with the SEC on May 30, 2003, and by Amendment No. 4, filed with the SEC on August 5, 2003.

Item 4. **Purpose of Transaction**

The Reporting Persons acquired beneficial ownership of the Common Stock for investment purposes only. In August 2002, Cascade requested that the composition of the Issuer's board of directors be modified so that a majority of the directors be independent, and submitted a shareholder proposal requiring the directors to nominate a majority of independent directors. The board of directors unanimously opposed the shareholder proposal, and the holders of the Company's Class B Common Stock, with ten votes per share, almost unanimously opposed the proposal, while approximately 80% of the shares of Class A Common Stock who voted supported the proposal. The Reporting Persons have seen no indication the board of directors is prepared to move towards having a majority of independent directors. That failure, when combined with the sales of stock by the Issuer's insiders in recent periods, has convinced the Reporting Persons to reduce their stake in the Issuer.

The Reporting Persons have submitted another shareholder proposal similar to the one submitted last year requesting that the board of directors nominate a majority of independent directors to the board of directors at each annual meeting of shareholders. The Reporting Persons will continue to evaluate their ownership and voting position in the Issuer and may consider the following future courses of action, among others: (i) continuing to hold the Common Stock for investment; (ii) disposing of all or a portion of the Common Stock in open market sales or in privately-negotiated transactions; (iii) acquiring additional shares of Common Stock in the open market, through a tender offer or in privately-negotiated transactions; or (iv) entering into short sales or other hedging transactions with respect to the Common Stock. The Reporting Persons have not as yet determined which, if any, of the courses of action specified in this paragraph they may ultimately take. The Reporting Persons' future actions with regard to this investment are dependent on their evaluation of a variety of circumstances affecting the Issuer in the future, including the market price of the Issuer's Common Stock, the Issuer's prospects and Cascade's portfolio.

The calculations are based on a total of 10,905,200 shares of Common Stock, which is the number of shares outstanding as of July 1, 2003, as last reported by the Issuer in its Form 10-Q filed with the SEC on July 14, 2003, as adjusted for the Stock Split.

by any person of additional securities of the Issuer or the disposition of securities of the Issuer, (b) an extraordinary corporate transaction involving the Issuer or any of its subsidiaries, (c) a sale or transfer of a material amount of the assets of the Issuer or any of its subsidiaries, (d) any change in the present board of directors or management of the Issuer, (e) any material change in the Issuer's capitalization or dividend policy, (f) any other material change in the Issuer's business or corporate structure, (g) any change in the Issuer's charter or bylaws or other instrument corresponding thereto or other action which may impede the acquisition of control of the Issuer by any person, (h) causing a class of the Issuer's securities to be deregistered or delisted, (i) a class of equity securities of the Issuer becoming eligible for termination of registration or (j) any action similar to any of those enumerated above.

The Reporting Persons and Cascade's executive officer reserve the right to determine in the future whether to change the purpose or purposes described above or whether to adopt plans or proposals of the type specified above.

Item 5. Interest in Securities of the Issuer

(a)-(b) The calculations included herein are based on a total of 10,905,200 shares of Common Stock, which is the number of shares outstanding as of July 1, 2003, as last reported by the Issuer in its Form 10-Q filed with the SEC on July 14, 2003, as adjusted for a 2-for-1 stock split that was effected on August 14, 2003 (the "Stock Split"). As of the close of business on September 25, 2003, Cascade owns 694,400 shares of Common Stock (as adjusted for the Stock Split), constituting approximately 6.4% of the issued and outstanding shares of Common Stock. All shares of Common Stock beneficially owned by Cascade may be deemed to be beneficially owned by

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William H. Gates III as the sole member of Cascade and Mr. Gates has the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, such shares.

- (c) Since the filing of Amendment No. 4 to this Schedule 13D, Cascade sold a total of 142,000 shares of Common Stock (as adjusted for the Stock Split) on the dates and at the prices set forth on Exhibit 2. The sales were made for cash in open market transactions.
 - (d) Not applicable.
 - (e) Not applicable.

Item 7. Material to be Filed as Exhibits

Exhibit No.	Description
Exhibit 1	Name, business address and present principal occupation of each executive officer or person controlling Cascade Investment, L.L.C.*
Exhibit 2	Dates and prices of sales of Common Stock since the filing of Amendment No. 4 to Schedule 13D
* Filed with Amend	Iment No. 4. filed with the SEC on August 5, 2003

Filed with Amendment No. 4, filed with the SEC on August 5, 2003.

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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.

Dated: September 26, 2003

CASCADE INVESTMENT, L.L.C.

By /s/ Michael Larson

Name: Michael Larson Title: Manager

WILLIAM H. GATES III

By /s/ Michael Larson

Name: Michael Larson* Title: Attorney-in-fact

JOINT FILING AGREEMENT

We, the signatories of the statement to which this Joint Filing Agreement is attached, hereby agree that such statement is filed, and any amendments thereto filed by any or all of us will be filed, on behalf of each of us.

DATED: September 26, 2003

CASCADE INVESTMENT, L.L.C.

By /s/ Michael Larson

Name: Michael Larson Title: Manager

WILLIAM H. GATES III

By /s/ Michael Larson

Name: Michael Larson* Title: Attorney-in-fact

* Duly authorized under Special Power of Attorney appointing Michael Larson attorney-in-fact, dated March 14, 2001, by and on behalf of William H. Gates III, filed as Exhibit B to Cascade's Amendment No. 1 to Schedule 13D with respect to Pan American Silver Corp. on March 19, 2001, SEC File No. 005-52919, and incorporated by reference herein.

Since the filing of Amendment No. 4 to this Schedule 13D, Cascade sold a total of 142,000 shares of Common Stock on the dates and at the prices set forth below. All share numbers and prices have been adjusted to reflect the 2-for-1 stock split that was effected on August 14, 2003.

Date of sale	Number of shares sold	Price per share (\$)
08/05/2003	10,704	22.250
08/05/2003	800	22.255
08/05/2003	200	22.275
08/05/2003	444	22.280
08/05/2003	200	22.285
08/05/2003	882	22.295
08/05/2003	1,018	22.300
08/05/2003	6,800	22.310
08/05/2003	200	22.315
08/05/2003	1,304	22.325
08/05/2003	454	22.330
08/05/2003	52	22.335
08/05/2003	5,252	22.350
08/05/2003	5,602	22.375
08/05/2003	600	22.380
08/05/2003	288	22.405
08/05/2003	200	22.410
08/05/2003	1,000	22.505
08/06/2003	598	21.475
08/06/2003	1,400	21.295
08/06/2003	600	21.475
08/06/2003	2	21.500
08/06/2003	600	21.475
08/06/2003	600	21.255
08/06/2003	200	21.250
08/07/2003	600	21.295
08/07/2003	400	21.545
08/07/2003	200	21.345
08/07/2003	200	21.345
08/07/2003	600	21.770
08/21/2003	100	24.4
08/21/2003	4667	24.5
08/21/2003	400	24.55
08/21/2003	133	24.56
08/21/2003	7200	24.57
08/21/2003	400	24.76
08/21/2003	259	24.761
08/21/2003	300	24.81
08/21/2003	100	25

Date of sale	Number of shares sold	Price per share (\$)
08/21/2003	6441	25.04
08/22/2003	100	23.711
08/22/2003	100	23.8
08/22/2003	1,700	23.9
08/22/2003	100	23.95
08/22/2003	100	23.98
08/22/2003	500	23.99
08/22/2003	4,100	24
08/22/2003	400	24.02
08/22/2003	500	24.03
08/22/2003	1,900	24.04
08/22/2003	1,600	24.05
08/22/2003	100	24.054
08/22/2003	100	24.07
08/22/2003	300	24.08
08/22/2003	2,900	24.1
08/22/2003	500	24.11
08/22/2003	400	24.15
08/22/2003	200	24.16
08/22/2003	1,300	24.17
08/22/2003	1,100	24.18
08/22/2003	530	24.22
08/22/2003	900	24.25
08/22/2003	100	24.26
08/22/2003	1,070	24.3

08/22/2003	500	24.31
08/22/2003	450	24.34
08/22/2003	50	24.4
08/22/2003	100	24.46
08/22/2003	100	24.47
08/22/2003	100	24.48
08/22/2003	5,000	24.5
08/22/2003	400	24.54
08/22/2003	500	24.6
08/22/2003	1,200	24.65
08/22/2003	1,000	24.66
09/16/2003	400	29.79
09/16/2003	200	29.81
09/16/2003	200	29.82
09/16/2003	100	29.83
09/16/2003	100	29.84
09/16/2003	500	30
09/16/2003	700	30.2
09/16/2003	300	30.21
09/16/2003	725	30.75

Date of sale	Number of shares sold	Price per share (\$)
09/16/2003	675	30.77
09/16/2003	100	30.78
09/16/2003	1000	31
09/16/2003	500	31.001
09/16/2003	100	31.01
09/16/2003	520	31.03
09/16/2003	200	31.04
09/16/2003	1280	31.05
09/16/2003	5	31.07
09/16/2003	100	31.08
09/16/2003	1811	31.1
09/16/2003	184	31.11
09/16/2003	1400	31.15
09/16/2003	50	31.18
09/16/2003	2146	31.2
09/16/2003	500	31.22
09/16/2003	100	31.23
09/16/2003	90	31.231
09/16/2003	4600	31.25
09/16/2003	800	31.26
09/16/2003	888	31.27
09/16/2003	400	31.28
09/16/2003	2254	31.3
09/16/2003	100	31.301
09/16/2003	200	31.31
09/16/2003	300	31.32
09/16/2003	3722	31.35
09/16/2003	97	31.36
09/16/2003	2500	31.38
09/16/2003	600	31.39
09/16/2003	6214	31.4
09/16/2003	100	31.401
09/16/2003	400	31.41
09/16/2003	986	31.42
09/16/2003	1300	31.44
09/16/2003	503	31.45
09/16/2003	300	31.46
09/16/2003	500	31.47
09/16/2003	4650	31.5
09/16/2003	500	31.51
09/16/2003	2000	31.55
09/16/2003	2100	31.6