STRYKER CORP Form SC 13G January 08, 2009

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

STRYKER CORPORATION

(Name of Issuer)

Common Stock, \$.10 Par Value

(Title of Class of Securities)

863667 10 1

(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:

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.

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(1) Names of Reporting Persons

Greenleaf Trust

(2)		Check the Appropriate Box if a Memb	er of a Group	
		Not Applicable		
(3)		SEC Use Only		
(4)		Citizenship or Place of Organization		
		Michigan		
Number of Shares Beneficially Owned by Each Reporting Person With				
(5)		Sole Voting Power	2,723,373 shares	
(6)		Shared Voting Power	43,687,346 shares	
(7)		Sole Dispositive Power	2,656,810 shares	
(8)		Shared Dispositive Power	43,753,909 shares	
(9)		Aggregate Amount Beneficially Owne	d by Each Reporting Person 46,410,719 shares	
(10)	Check if the Aggregate Amount in Row (9) Excludes Certain [] Shares			
(11)	Percent of Class Represented by Amount in Row 9 11.5 %			
(12)	Type of Reporting	g Person BK		
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CUSIP	No. 80306 / 10 I	SCHEDULE 13G	Page 3 of 5 Pages	
Item 1(a). Name of Issuer:				

Item 2(a).

Item 1(b).

Stryker Corporation

2825 Airview Boulevard Kalamazoo, Michigan 49002

Address of Issuer's Principal Executive Offices:

	Name of Person Filing:		
	Greenleaf Trust		
Item 2(b).	Address of Principal Business Office or, if None, Residence:		
	211 South Rose Street		
	Kalamazoo, Michigan 49007		
Item 2(c).	Citizenship:		
	Michigan		
Item 2(d).	Title of Class of Securities:		
	Common Stock, \$.10 Par Value		
Item 2(e).	CUSIP Number:		
	863667 10 1		
Item 3.	If this statement is filed pursuant to Rule 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a:		
	(a) [] Broker or dealer registered under Section 15 of the Act;		
	(b) [X] Bank as defined in Section 3(a)(6) of the Act;		
	(c) [] Insurance company as defined in Section 3(a)(19) of the Act;		
	(d) [] Investment company registered under Section 8 of the Investment Company Act of 1940;		
	(e) [] Investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);		
	(f) [] Employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);		
	(g) [] Parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);		
	(h) [] Savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;		
	(i) [] Church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act;		

- (j) [] Non-U.S. institution in accordance with Rule 13d-1(b)(1)(ii)(J).
- (k) [] Group, in accordance with Rule 13d-1(b)(1)(ii)(K).

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Item 4. Ownership:

(a) Amount Beneficially Owned: 46,410,719 shares

(b) Percent of Class: 11.5 %

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

(i) Sole power to vote or to direct the vote 2,723,373 shares

(ii) Shared power to vote or to direct the vote 43,687,346 shares

(iii) Sole power to dispose or to direct the disposition of 2,656,810 shares

(iv) Shared power to dispose or to direct the disposition 43,753,909 shares of

Item 5. Ownership of Five Percent or Less of a Class:

Not Applicable

Item 6. Ownership of More than Five Percent on Behalf of Another Person:

Greenleaf Trust holds these securities in a fiduciary capacity on behalf of various trust and investment management customers, some of whom have the right to receive, or the power to direct the receipt of, dividends from or the proceeds from the sale of these securities.

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

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. Certifications:

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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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: January 8, 2009 GREENLEAF TRUST

/s/ WILLIAM D. JOHNSTON

William D. Johnston

Chairman and President