STRYKER CORP Form SC 13G February 11, 2010

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934
Amendment No. |1|

Stryker Corporation (Name of Issuer)

Common Stock, \$.10 Par Value (Title of Class of Securities)

863667101 (CUSIP Number)

December 31, 2009 (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, see the Notes).

CUSIP No. 863667101

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1. NAME OF REPORTING PERSON
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Greenleaf Trust 38-3416104

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

Not Applicable

(a) [_] (b) [_]

3. SEC USE ONLY

CITIZENSHIP OR PLACE OF ORGANIZATION

4.

Kalamazoo, MI 49007

State of Michigan 5. SOLE VOTING POWER 175,113 NUMBER OF 6. SHARED VOTING POWER SHARES BENEFICIALLY OWNED BY EACH 56,514,092 REPORTING PERSON WITH 7. SOLE DISPOSITIVE POWER 173,038 8. SHARED DISPOSITIVE POWER 37,329,485 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 56,689,205 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* [_] 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 14.2% 12. TYPE OF REPORTING PERSON* BK *SEE INSTRUCTIONS BEFORE FILLING OUT! Item 1(a) Name of Issuer: Stryker Corporation Item 1(b) Address of Issuer's Principal Executive Offices: 2825 Airview Boulevard Kalamazoo, MI 49002 Item 2(a) Name of Person Filing: Greeneaf Trust Item 2(b) Address of Principal Business Office or, if None, Residence: 211 South Rose Street

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Item 2(c) Citizenship:
State of Michigan
Item 2(d) Title of Class of Securities:
Common Stock, $.10 Par Value
Item 2(e) CUSIP Number:
863667101
______
Item 3. If this statement is filed pursuant to Rules 240.13d-1(b) or
240.13d-2(b) or (c), check whether the person filing is a:
(a) [_] Broker or dealer registered under Section 15 of the Act (15 U.S.C.78o);
(b) [X] Bank as defined in Section 3(a)(6) of the Act (15 U.S.C.78c);
(c) [_] Insurance company as defined in Section 3(a)(19) of the Act
       (15 U.S.C.78c);
(d) [_] Investment company registered under Section 8 of the Investment Company
       Act of 1940 (15 U.S.C.8a-8);
(e) [ ] An Investment Adviser in accordance with Section 240.
       13d-1(b)(1)(ii)(E);
(f) [_] An employee benefit plan or endowment fund in accordance with
Section 240. 13d-1(b)(1)(ii)(F);
(g) [_] A parent holding company or control person in accordance with
Section 240. 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 Section 240. 13d-1(b)(1)(ii)(J).
If this statement is filed pursuant to Section 240 13d-1(c), check this
box. [ ]
Item 4. Ownership.
(a) Amount beneficially owned:
56,689,205
(b) Percent of class:
14.2%
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(c) Number of shares as to which such person has:

- (i) Sole power to vote or to direct the vote 175,113
- (ii) Shared power to vote or to direct the vote 56,514,092
- (iii) Sole power to dispose or to direct the disposition of 173,038
- (iv) Shared power to dispose or to direct the disposition of

37,329,485

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

Not Applicable

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 [].

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.

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 not acquired and are not held for the purpose of and do not have the effect of changing or influencing the control of the issuer of such 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 10, 2010 (Date)

/s/ William D Johnston -----(Signature)

William D Johnston, Chairman and President Greenleaf Trust

(Name/Title)