

M&S MOSHAYEDI REVOCABLE TRUST DTD 11-16-95
 Form 5
 February 17, 2009

FORM 5

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
 Form 3 Holdings Reported Form 4 Transactions Reported

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *
MOSHAYEDI MANOUCH

2. Issuer Name and Ticker or Trading Symbol
STEC, INC. [STEC]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)

Chief Executive Officer

(Last) (First) (Middle)
 3001 DAIMLER STREET
 (Street)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)
 12/31/2008

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Reporting

(check applicable line)

SANTA ANA, CA 92705-5812

Form Filed by One Reporting Person
 Form Filed by More than One Reporting Person

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|--|--|-----------------------------------|
| | | | | (A) Amount or (D) Price | | | |
| Common Stock | 12/17/2008 | | | 19,500 D \$ 0 | 1,457,878 | I | By Trust (2) |
| Common Stock | 12/17/2008 | | G(4) | 19,500 D \$ 0 | 6,615,678 (5) | I | By Trust (1) |
| Common Stock | 12/18/2008 | | G | 18,900 D \$ 0 | 6,596,778 | I | By Trust (1) |
| Common Stock | 12/17/2008 | | G(4) | 19,500 A \$ 0 | 19,500 | I | By Children (6) |

| | | | | | | | | | |
|--------------|------------|---|---|--------|---|------|--------|---|-----------------|
| Common Stock | 12/18/2008 | Â | G | 18,900 | A | \$ 0 | 38,400 | I | By Children (6) |
|--------------|------------|---|---|--------|---|------|--------|---|-----------------|

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | Amount or Number of Shares |
|---|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|
| Incentive Stock Options (Right to Buy Common Stock) | \$ 11.76 | Â | Â | Â | Â (A) Â (D) | Â (3) 05/06/2013 | Common Stock | 37,411 |
| Non-Qualified Stock Options (Right to Buy Common Stock) | \$ 10.69 | Â | Â | Â | Â (A) Â (D) | Â (3) 05/06/2018 | Common Stock | 62,589 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| MOSHAYEDI MANOUCH 3001 DAIMLER STREET SANTA ANA, CA 92705-5812 | Â X | Â X | Â Chief Executive Officer | Â |
| M&S MOSHAYEDI REVOCABLE TRUST DTD 11-16-95 3001 DAIMLER STREET SANTA ANA, CA 92705-5812 | Â | Â X | Â | Â |

Signatures

/s/ Manouch Moshayedi 02/17/2009

__Signature of Reporting Person Date

/s/ Manouch Moshayedi,
Trustee 02/17/2009

__Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

These shares are owned directly by the M. and S. Moshayedi Revocable Trust, dated 11/16/95, a ten percent owner of the issuer, and

(1) indirectly by Manouch Moshayedi as the trustee of this trust and who may be deemed to be a ten percent owner of the issuer. The reporting person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein.

These shares are owned directly by the M. and S. Moshayedi Investment Trust, dated 11/16/95, and Manouch Moshayedi is an indirect

(2) beneficiary of the trust. The reporting person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein.

(3) This option shall vest and become exercisable in four equal annual installments commencing on May 7, 2009.

(4) This transaction involved a gift of securities by the reporting person to his children, who share reporting person's household.

(5) Includes 579,000 shares previously owned directly which were contributed to the M. and S. Moshayedi Revocable Trust, dated 11/16/95.

(6) The reporting person disclaims beneficial ownership of the shares held by his children except to the extent of his pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.