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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| Check this box if no longer subject t | റ |
|---------------------------------------|---|
| Section 16. Form 4 or Form 5 | 0 |
| obligations may continue. See | |
| Instruction 1(b). | |

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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| 1. Name and Address of Reporting Person* | | | 2. Issuer Name and Ticker or Trading Symbol Sunshine Heart, Inc. [SSH] | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | |
|--|------------|----------------|--|-----------------------|--|---|--|--|--|
| Rosa David A (Last) 12988 VALLEY | | | 3. Date of Earliest Transaction (Month/Day/Year) 04/29/2014 | | Director Officer (give title below) Chief Executiv | 10% Owner Other (specify below) re Officer | | | |
| (Street) EDEN PRAIRIE (City) | MN (State) | 55344 (Zip) | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Indi Line) X | ividual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | |
| 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. Transa Code (8) | ction | | | | Securities Beneficially | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--|---|------------------------------|-------|----------------------|---------------|-------|------------------------------------|---|---|
| | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (1130.4) |
| Common Stock | 04/29/2014 | | F | | 2,506 ⁽¹⁾ | D | \$5.5 | 74,077 | D | |

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. Transa Code (8) | | of Deriv Secu Acqu (A) or Dispo of (D) (Instr | 5. Number of Expiration Date Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | ate | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
|---|---|--|---|------------------------------|------|--|---|-----|---------------------|---|-------|---|--|--|--|--|
| | | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |

Explanation of Responses:

1. 2,506 shares were withheld to satisfy the insider's tax withholding obligation related to the vesting of 4,925 RSUs.

Jeffrey H. Kuras, by Power of Attorney

04/30/2014

** Signature of Reporting Person Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.