

Brown Edward M  
Form 4/A  
August 18, 2010

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Brown Edward M

2. Issuer Name and Ticker or Trading Symbol  
Cardiovascular Systems Inc [CSII]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

TPG GROWTH LLC, 345 CALIFORNIA STREET, SUITE 3300

3. Date of Earliest Transaction (Month/Day/Year)  
08/13/2010

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

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)  
08/17/2010

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

SAN FRANCISCO, CA 94104

(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 Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |     |       |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|-----|-------|
|                                 |                                      |  |                                | (A) or (D)  | Code  | V  | Amount                            | (D) | Price |

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

**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 control number.**

SEC 1474 (9-02)

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

| 1. Title of Derivative | 2. Conversion | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if | 4. Transaction | 5. Number of Derivative | 6. Date Exercisable and Expiration Date | 7. Title and Amount of Underlying Securities | 8. I |
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|-------------------------|---|--|------|
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|-------------------------|---|--|------|

Edgar Filing: Brown Edward M - Form 4/A

| Security (Instr. 3)    | or Exercise Price of Derivative Security | any (Month/Day/Year) | Code (Instr. 8) | Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | (Month/Day/Year) | (Instr. 3 and 4) |                  |                 |              |                            |
|------------------------|--|----------------------|-----------------|---|------------------|------------------|------------------|-----------------|--------------|----------------------------|
|                        |  |                      | Code            | V   | (A)              | (D)              | Date Exercisable | Expiration Date | Title        | Amount or Number of Shares |
| Restricted Stock Units | (1)                                      |                      |                 |   |                  |                  | (1)              | (1)             | Common Stock | 3,977                      |
| Restricted Stock Units | (1)                                      |                      |                 |   |                  |                  | (1)              | (1)             | Common Stock | 11,628                     |
| Restricted Stock Units | (2)                                      | 08/13/2010           | A               |   | 21,739           |                  | (2)              | (2)             | Common Stock | 21,739                     |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| Brown Edward M<br>TPG GROWTH LLC<br>345 CALIFORNIA STREET, SUITE 3300<br>SAN FRANCISCO, CA 94104 | X             |           |         |       |

## Signatures

/s/ John R. Remakel as Attorney-in-Fact for Edward M. Brown pursuant to Power of Attorney previously filed. 08/18/2010

\*\*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).
- (1) Each restricted stock unit represents the right to receive a payment from CSI equal in value to the market price per share of CSI common stock on the date of payment, and shall be payable in shares of the Company's common stock beginning six months following the termination of each director's board membership.
- (2) Each restricted stock unit represents the right to receive a payment from CSI equal in value to the market price per share of CSI common stock on the date of payment, and shall be payable in cash or shares of the Company's common stock beginning six months following the termination of each director's board membership; provided, however, that the restricted stock units vest in equal quarterly amounts of 5,435 on each of 9/30/2010, 12/31/2010, and 3/31/2011 and 5,434 on 6/30/2011.

### Remarks:

This Form 4/A is being filed to restate Table II to accurately reflect the vesting of restricted stock units.

## Edgar Filing: Brown Edward M - Form 4/A

Note: File three copies of this Form, one of which must be manually signed. If space 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.