

REPLIDYNE INC  
Form 3  
June 27, 2006

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 * |         | 2. Date of Event Requiring Statement | 3. Issuer Name <b>and</b> Ticker or Trading Symbol  |  |
| Â Collins Kenneth J                       |         | (Month/Day/Year)                     | REPLIDYNE INC [RDYN]  |  |
| (Last)                                    | (First) | (Middle)                             | 4. Relationship of Reporting Person(s) to Issuer  | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| 450 INFINITE DRIVE                        |         |                                      | (Check all applicable)  |  |
| (Street)                                  |         |                                      | <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner<br><input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other<br>(give title below)    (specify below)        |  |
| LOUISVILLE,Â COÂ 80027                    |         |                                      | President and CEO   |  |
| (City)                                    | (State) | (Zip)                                | 6. Individual or Joint/Group Filing(Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person |  |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock                    | 356,851 <sup>(1)</sup>                                | D  | Â   |
| Common Stock                    | 122,349   | D  | Â   |
| Common Stock                    | 25,488  | I  | Custodian for Ryan D. Collins                         |
| Common Stock                    | 25,488  | I  | Custodian for Brendan C. Collins                      |

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

SEC 1473 (7-02)

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

| 1. Title of Derivative Security | 2. Date Exercisable and Expiration Date | 3. Title and Amount of Securities Underlying | 4. Conversion | 5. Ownership | 6. Nature of Indirect Beneficial |
|---------------------------------|---|--|---------------|--------------|----------------------------------|
|---------------------------------|---|--|---------------|--------------|----------------------------------|

## Edgar Filing: REPLIDYNE INC - Form 3

| (Instr. 4)                  | (Month/Day/Year)          |                    |              | Derivative Security<br>(Instr. 4) | or Exercise<br>Price of<br>Derivative<br>Security | Form of<br>Derivative<br>Security:<br>Direct (D)<br>or Indirect<br>(I)<br>(Instr. 5) | Ownership<br>(Instr. 5) |
|-----------------------------|---------------------------|--------------------|--------------|-----------------------------------|---|--|-------------------------|
|                             | Date Exercisable          | Expiration<br>Date | Title        | Amount or<br>Number of<br>Shares  |   |  |                         |
| Stock Option (right to buy) | 06/27/2006 <sup>(2)</sup> | 01/19/2016         | Common Stock | 326,264                           | \$ 3.19   | D  | A                       |

## Reporting Owners

| Reporting Owner Name / Address                                  | Relationships |           |                     |       |
|---|---------------|-----------|---------------------|-------|
|   | Director      | 10% Owner | Officer             | Other |
| Collins Kenneth J<br>450 INFINITE DRIVE<br>LOUISVILLE, CO 80027 | A X           | A         | A President and CEO | A     |

## Signatures

/s/ Kenneth J. Collins                      06/27/2006

           \*\*Signature of                      Date  
Reporting Person

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 5(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).

Subject to repurchase; 25% of the shares are fully-vested upon the date of grant; 50% of the shares vest as follows: 25% vesting one year from the vesting commencement date and the remaining shares vesting in equal monthly installments over the next 36 months; and 25% of the shares to vest as determined upon performance milestones.

12.5% of the shares vest on the one year anniversary of the vesting commencement date; 37.5% of the shares vest in equal monthly installments over 36 months beginning one month following the one year anniversary of the vesting commencement date; and 50% of the shares vest upon the earlier to occur of (A) the fourth anniversary of the vesting commencement date and (B) following the Company's consummation of its initial public offering, such day on which the closing price, as reported on the Nasdaq National Market quotation system, of the Company's Common Stock equals or exceeds a milestone price as set forth in the option grant.

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.