

Duffy Matthew
 Form 4/A
 September 28, 2012

FORM 4 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).

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 *
 Duffy Matthew

(Last) (First) (Middle)

C/O CORMEDIX INC., 745 RT.
 202-206, SUITE 303

(Street)

BRIDGEWATER, NJ 08807

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 CorMedix Inc. [CRMD]

3. Date of Earliest Transaction
 (Month/Day/Year)
 09/20/2012

4. If Amendment, Date Original Filed(Month/Day/Year)
 09/24/2012

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)

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. 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 Beneficial 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 Security | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying | 8. Price of Derivative Security |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|--------------|--|-----------------------------------|---------------------------------|
| | | | | | | | | |

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| (Instr. 3) | Price of Derivative Security | (Month/Day/Year) | (Instr. 8) | Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | Securities (Instr. 3 and 4) | (Instr. 5) | | | | |
|---|------------------------------|------------------|------------|--|-----------------------------|------------|------------------|-----------------|-------|----------------------------|
| | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Senior Convertible Note (convertible into common stock) | (1) | | | | | | (1) | (1) | n/a | (1) |
| Warrant (right to purchase common stock) | (1) | | | | | | (1) | (1) | n/a | (1) |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Duffy Matthew C/O CORMEDIX INC. 745 RT. 202-206, SUITE 303 BRIDGEWATER, NJ 08807 | | X | | |

Signatures

/s/ Matthew Duffy
09/28/2012
Date

**Signature of Reporting Person

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) On September 24, 2012, the reporting person mistakenly reported on a Form 4 (the "Form 4") the purchase of \$10,000 of (i) 9% Senior Convertible Notes, convertible into shares of the Company's common stock at a conversion price of \$0.35 per share; and (ii) a five-year redeemable warrant to purchase common stock at an exercise price of \$0.40 per share. The reporting person deposited \$10,000 in escrow for such purchase, which will remain in escrow until the final closing, if any, as determined by the Company.

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

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