(Print or Type Responses)

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

| OMB APPRO | VAL | | | | |
|-----------------------|-----------|--|--|--|--|
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| hours per response | 0.5 | | | | |

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 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* WALTON MERCEDES | | | | | 2. Issuer Name and Ticker or Trading Symbol CRYO CELL INTERNATIONAL INC [CCEL] | | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) _X_ Director | | | | | |
|--|---|------------|---|-----------------------|--|--|---|------------------------|--|-------------------------------------|--------------|--|---|---|---|---|--|-------------------|---|
| (Last) (First) (Middle) 700 BROOKER CREEK BLVD., SUITE 1800 | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 08/22/2008 | | | | | | | | | | | | | | |
| (Street) OLDSMAR, FL 34677 | | | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | | | | | 6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | |
| (City) (State) (Zip) | | | | | Table I - Non-Derivative Securities Acquir | | | | | | | | Acquire | l ired, Disposed of, or Beneficially Owned | | | | | |
| 1.Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Yea | | | Execut ear) any | | | | (Instr. 8) | | 4. Securities Acquire (A) or Disposed of ((Instr. 3, 4 and 5) | | (D) C | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) | | C | 6. Ownership Form: | Beneficial | | | |
| | | | | (Mo | onth/. | 'Day/ | | Code | v | Amo | ount | (A) or (D) | Price | or Inc (I) | | | Pirect (D) r Indirect (l) (Instr. 4) | lirect (Instr. 4) | |
| Common | Stock | | | | | | | | | | | | 6 | 5,000 |) | | I |) | |
| Common Stock 08/22/2008 | | | | | | | M | | 300, | 000 | A | \$ 0.54 3 | 306,000 | | I |) | | | |
| Common Stock 08/22/2008 | | | | | | F | | 256, | 343 | 11) | \$ 0.67 4 | 67 49,657 | | | Γ |) | | | |
| | | | Table | | | | curities A | Acquire | ed, Di | isposed | l of, o | r Benefi | | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transac Code | ction | 5. N Deri Seci Acq or D (D) | umber of vative urities uired (A) isposed o | 6. Da Expir (Mor | ite Ex | ation Date of U th/Day/Year) Sec | | 7. Title of Und Securit | Title and Amount 8. P Der Securities Securities | | 8. Price of Derivative Security (Instr. 5) | Securities Beneficially Owned Following Reported Transaction(s | Ownership Form of Derivative Security: Direct (D) or Indirect | | |
| | | | | Code | v | (A) | (D) | Date Exerc | cisabl | e | Expi Date | iration | Title | 1 | Amount or Number of Shares | | (Instr. 4) | (Instr. 4 |) |
| Stock Option | \$ 4.02 | | | | | | | 09/2 | 28/20 | 005(2) | 02/0 | 01/2010 | comm | | 128,250 | | 128,250 | D | |
| Stock Option | \$ 3.05 | | | | | | | 09/2 | 28/20 | 005(2) | 08/1 | 15/2010 | comm | | 300,000 | | 300,000 | D | |
| Stock Option | \$ 3.34 | | | | | | | (1) | | 1 | 04/0 | 04/2013 | comm | | 102,076 | | 102,076 | D | |
| Stock | \$ 0.54 | 08/22/2008 | | М | | | 300,000 | 0 | <u>(3)</u> | | 08/2 | 22/2008 | comm | non , | 300,000 | \$ 0.54 | 0 | D | |

stock

Reporting Owners

Option

| | Relationships | | | | | | |
|---|---------------|--------------|---------|-------|--|--|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | | | |
| WALTON MERCEDES 700 BROOKER CREEK BLVD. SUITE 1800 OLDSMAR, FL 34677 | X | | CEO | | | | |

Signatures

| Mercedes Walton | 08/26/2008 | | | |
|---------------------------------|------------|--|--|--|
| **Signature of Reporting Person | Date | | | |

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- $_{\star\star}$ Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) 1/3 vest one year from date of grant, 1/3 vest two years from date of grant, 1/3 vest three years from the date of grant
- (2) On September 28, 2005, the Board of Directors accelerated these options.
- (3) 50% on date of grant, 25% one-year from date of grant, 25% two years from date of 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.