REPLIDYNE INC Form 3 June 27, 2006 UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB APPROVAL FORM 3 Washington, D.C. 20549 OMB Number:

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 <u>*</u> Morrissey Donald J Jr			2. Date of Event Requiring Statement (Month/Day/Year)	3. Issuer Name and Ticker or Trading Symbol REPLIDYNE INC [RDYN]				
· · · · · ·	First)	(Middle)	06/27/2006	4. Relationship of Reporting Person(s) to Issuer		5. If Amendment, Date Original Filed(Month/Day/Year)		
1450 INFINITI	Street)			Director X Officer (give title below	all applicable) 10% (Other v) (specify belop porate Develop	Owner ow)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person	
(City) (State)	(Zip)	Table I - N	Non-Derivat	ive Securiti	es Be	neficially Owned	
1.Title of Security (Instr. 4)			2. Amount of Beneficially (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nat Owne (Instr.	1	
Common Stock	C		100,258		D	Â		
Reminder: Report of owned directly or i		te line for ea	ch class of securities benefici	ially S	EC 1473 (7-02)		
	informa require	ation conta d to respo	oond to the collection of ined in this form are not nd unless the form displ //B control number.					
Tabl	le II - Deri	vative Secur	rities Beneficially Owned (e.	.g., puts, calls,	warrants, opt	ions, c	onvertible securities)	

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security		4. Conversion or Exercise	5. Ownership Form of	6. Nature of Indirect Beneficial Ownership
			(Instr. 4)		Price of	Derivative	(Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	Derivative Security	Security: Direct (D)	
				r tumber of		or Indirect	

3235-0104

January 31,

2005

0.5

Expires:

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Estimated average burden hours per

				Shares		(I) (Instr. 5)	
Stock Option (right to buy)	06/27/2006 <u>(1)</u>	12/12/2012	Common Stock	11,895	\$ 0.49	D	Â
Stock Option (right to buy)	06/27/2006 <u>(1)</u>	06/09/2014	Common Stock	20,391	\$ 0.61	D	Â
Stock Option (right to buy)	06/27/2006 <u>(1)</u>	05/26/2015	Common Stock	12,234	\$ 0.61	D	Â
Stock Option (right to buy)	06/27/2006 <u>(2)</u>	01/19/2016	Common Stock	81,566	\$ 3.19	D	Â

Reporting Owners

Reporting Owner Name / Address			Relationships	
	Director	10% Owner	Officer	Other
Morrissey Donald J Jr 1450 INFINITE DRIVE LOUISVILLE, CO 80027	Â	Â	Sr. VP, Corporate Development	Â
Cianaturaa				

Signatures

/s/ Donald J. Morrissey	06/27/2006
<u>**</u> Signature of Reporting Person	Date

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).
- (1) Shares currently vest in equal monthly installments.

20,391 of the shares vest upon the earlier to occur of (A) the signing by the Company of a collaboration and commercialization agreement with Forest Laboratories Holdings Limited and (B) the fourth anniversary of the vesting commecement date; 12.5% of the remaining shares vest on the one year anniversary of the vesting commencement date; 37.5% of the remaining shares vest in equal monthly

(2) installments over 36 months beginning one month following the one year anniversary of the vesting commencement date; and 50% of the remaining 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.