FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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OMB APPROVAL									
OMB Number:	3235-0287								
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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).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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		Tab	le I - N	on-Deri	vative	Sec	curiti	es A	cquired	d, Di	isposed (	of, or Be	nefici	ally Ow	nec				
1. Title of	Security (Inst	tr. 3)		Date		Exe ) if a	ecution ny	Date,	Code (			Of (D) (Insti		and 5) Securiti Benefic Owned Reporte		ies Form cially (D) ( Following (I) (I ed		n: Direct or Indirect	of Indirect
						$\perp$			Code	V	Amount	(A) or (D) Pric							
Common	Title of Security (Instr. 3)  Title of Security (Instr. 3)			05/01	/2006				P <sup>(1)</sup>		158	A	\$41.5	225	1,	928		D	
	HARMONETICS CORP   HART																		
1. Title of Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative	Date	Execution if any	med on Date,	4. Transa Code (	ction	5. Nu of Deriv Secu Acqu (A) o Dispo of (D	mber vative prities priced r osed ) r. 3, 4	6. Date E	Exerci	isable and te	7. Title and of Securiti Underlying Derivative	d Amoun ies g Security	t 8. Price Derivat	tive ty	derivative Securities Beneficiall Owned Following Reported Transactio	ly	Ownership Form: Direct (D) or Indirect	of Indirect Beneficial Ownership
														-					
					Code	v	(A)	(D)		able		Title	Number of						
Non- Qualified Stock Option (right to buy)	\$15.4063								(2)		04/01/2009		12,500	)		12,500	)	D	
Non- Qualified Stock Option (right to buy)	\$15.875								(3)		05/03/2009		46,508	3		46,508	3	D	
Non- Qualified Stock Option (right to buy)	\$16.0625								(2)		02/09/2008		50,000	)		50,000	)	D	
Non- Qualified Stock Option (right to buy)	\$17.625								(2)		05/01/2008		12,500	)		12,500	)	D	
Non- Qualified Stock Option (right to buy)	\$18.9375								(2)		02/03/2009		15,000	)		15,000	)	D	
Non- Qualified Stock Option (right to buy)	\$18.9688								(2)		10/23/2008		10,000	)		10,000	)	D	
Non- Qualified Stock Option (right to buy)	\$22.9063								(4)		05/01/2010	Common Stock	19,174	1		19,174		D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)															
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)		ransaction of Code (Instr. Derivative		6. Date Exerc Expiration Da (Month/Day/)	ate	7. Title an of Securit Underlyin Derivative (Instr. 3 ar	ies g Security	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Non- Qualified Stock Option (right to buy)	\$26.105							(2)	05/05/2014	Common Stock	10,000		10,000	D	
Non- Qualified Stock Option (right to buy)	\$31.66							(2)	04/29/2012	Common Stock	22,000		22,000	D	
Non- Qualified Stock Option (right to buy)	\$33.15							(2)	04/30/2011	Common Stock	13,520		13,520	D	
Non- Qualified Stock Option (right to buy)	\$41.15							(2)	07/27/2012	Common Stock	17,000		17,000	D	

## **Explanation of Responses:**

- 1. Acquisition of shares of Common Stock pursuant to the Employee Stock Purchase Plan. Participant elected to purchase shares at least six months in advance of the effective date of the transaction.
- 2. Grant to reporting person of right to buy shares of common stock exercisable in annual increments of 25 percent beginning on the first anniversary of the date of grant.
- 3. Grant to reporting person of right to buy shares of common stock exercisable in annual increments of 50 percent beginning on the first anniversary of the date of grant.
- 4. Grant to reporting person of right to buy shares of common stock, exercisable 50% on 3/31/2001 and 50% on 3/31/2002.

Ronald J Ryan 05/02/2006

\*\* Signature of Reporting Person Date

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

- \* 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).

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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