

DIONEX CORP /DE

Reported by
BARTON BRUCE

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 01/27/10 for the Period Ending 01/25/10

Address	1228 TITAN WAY P O BOX 3603 SUNNYVALE, CA 94086-3603
Telephone	4087370700
CIK	0000708850
Symbol	DNEX
SIC Code	3823 - Industrial Instruments for Measurement, Display, and Control of Process Variables; and Related Products
Industry	Scientific & Technical Instr.
Sector	Technology
Fiscal Year	06/30

FORM 4

[] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

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**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(f) of the
Investment Company Act of 1940

1. Name and Address of Reporting Person *			2. Issuer Name and Ticker or Trading Symbol			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
BARTON BRUCE			DIONEX CORP /DE [DNEK]			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) EVP, Chief Commercial Officer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (MM/DD/YYYY)					
			1/25/2010					
1228 TITAN WAY			4. If Amendment, Date Original Filed (MM/DD/YYYY)			6. Individual or Joint/Group Filing (Check Applicable Line)		
(Street)						<input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
SUNNYVALE, CA 94085								
(City) (State) (Zip)								

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			

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

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (s) (Instr. 4)	10. Ownership Form of Derivative Security: 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				
Nonqualified Stock Option (1)	\$70.07	1/25/2010		A		8000		1/25/2011	1/24/2020	Common Stock	8000	\$70.07	134100	D	
Restricted Stock Units (2)	\$0	1/25/2010		A		450		(3)	(3)	Common Stock	450	\$0	134550	D	

Explanation of Responses:

- The options vesting occurs over 4 years on January 25, 2011 at the rate of 25% on the first anniversary of the grant date and 6.25% quarterly thereafter.
- Each restricted stock unit represents a contingent right to receive one share of Dionex Corporation common stock.
- The restricted stock units vest in five equal annual installments beginning January 25, 2011. Delivery of one share of Common Stock for each Restricted Stock Unit that vests shall occur on the date that is the earlier of (i) five years after January 25, 2010, and (ii) the termination of continuous service to Dionex Corporation by the officer provided that delivery may be delayed as provided in the Stock Unit Award Agreement.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BARTON BRUCE 1228 TITAN WAY			EVP, Chief Commercial Officer	

Signatures

/s/ Craig A. McCollam for Bruce Barton

1/27/2010

** 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.

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.