## Edgar Filing: Crawford Bruce A - Form 4

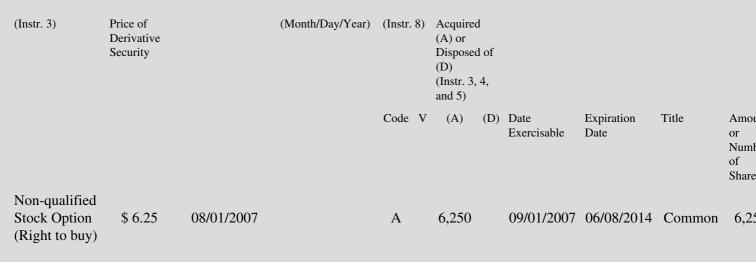
Form 4	4								
August 03, 2007									
FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549							9PROVAL 3235-0287		
Check this box if no longer								Expires:	January 31, 2005
subject to Section 16. Form 4 or		SECURITIES						Estimated a burden hou response	urs per
Form 5 obligations may continue. <i>See</i> Instruction 1(b).	Section 17(	(a) of the l	Public U	Itility Hol	ding Cor		nge Act of 1934, of 1935 or Secti 940		
(Print or Type Respo	nses)								
1. Name and Address of Reporting Person <u>*</u> Crawford Bruce A			2. Issuer Name <b>and</b> Ticker or Trading Symbol NANOMETRICS INC [NANO]				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First) (1	Middle)	3. Date of Earliest Transaction			(Chi	eck all applicable	6)	
1550 BUCKEYE DRIVE			(Month/Day/Year) 08/01/2007				Director 10% Owner X Officer (give title Other (specify below) Chief Operating Officer		
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)			<ul> <li>6. Individual or Joint/Group Filing(Check</li> <li>Applicable Line)</li> <li>_X_ Form filed by One Reporting Person</li> <li> Form filed by More than One Reporting</li> </ul>			
MILPITAS, CA	95035						Person	More than one K	eporting
(City) (	(State)	(Zip)	Tab	ole I - Non-	Derivative	Securities A	cquired, Disposed	of, or Beneficia	lly Owned
(Instr. 3) any		Execution	n Date, if Transaction Code I		4. Securit onAcquired Disposed (Instr. 3, 4	(A) or of (D) 4 and 5)	SecuritiesHBeneficially(Owned(	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code V	Amount	<ul><li>(A)</li><li>or</li><li>(D) Price</li></ul>	Transaction(s) (Instr. 3 and 4)		
Reminder: Report on	a separate line	e for each cl	ass of sec	urities bene	-	-	-		
					inforn requir	nation cont ed to response ays a curre	spond to the colle ained in this form ond unless the fo ntly valid OMB co	n are not rm	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	2.	3. Transaction Date	3A. Deemed	4.	5. Number	6. Date Exercisable and	7. Title and Amount
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onof Derivative	Expiration Date	Underlying Securiti
Security	or Exercise		any	Code	Securities	(Month/Day/Year)	(Instr. 3 and 4)

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## **Reporting Owners**

Reporting Owner Name / Address	ess						
	Director	10% Owner	Officer	Other			
Crawford Bruce A 1550 BUCKEYE DRIVE MILPITAS, CA 95035			Chief Operating Officer				
Signatures							
/s/ Quentin B. Wright, by powe attorney	er of	08/0	)3/2007				
<u>**</u> Signature of Reporting Person			Date				

## **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).

On June 8, 2007, the reporting person was granted an option to purchase 25,000 shares of common stock. Twenty-five percent of the shares subject to the option shall begin vesting ratably monthly over a two-year period based on Nanometric's satisfaction of certain

(1) performance criteria for each of the second, third and fourth fiscal quarters of 2007 and the second, third and fourth fiscal quarters combined. The performance criteria for the second fiscal quarter were satisfied on August 1, 2007, resulting in the vesting commencement of 6,250 shares on that date.

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.