COOK GUY S Form 4 August 23, 2011

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

Washington, D.C. 20549

January 31, Expires: 2005

Form 5 obligations STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

may continue. See Instruction

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

X Form filed by One Reporting Person

1(b).

(Print or Type Responses)

1. Name and Ad COOK GUY	^	ting Person *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			Bacterin International Holdings, Inc. [BONE]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	_X_ DirectorX_ 10% Owner			
600 CRUISER LANE			(Month/Day/Year) 08/23/2011	X Officer (give title Other (specify below) CEO			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			

BELGRADE, MT 59714

	Form filed by More than One Reporting
	Person
7	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned
	Tuble 1 Tron Derivative Securities required, Disposed of, or Denemenary Owned

(City)	(State) (Zip) Table	e I - Non-D	erivative S	ecurit	ies Acq	quired, Disposed	of, or Beneficial	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired m(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	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	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	08/23/2011		P	10,133	A	\$ 3.2	12,827,137	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transact Code (Instr. 8)	orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	:		Amou Under Securi (Instr.	lying	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships							
r g	Director	10% Owner	Officer	Other				
COOK GUY S								
600 CRUISER LANE	X	X	CEO					
BELGRADE MT 59714								

Signatures

/s/ Guy Cook 08/23/2011

**Signature of Date
Reporting Person

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).

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.

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