FORM 4

obligations may continue. See Instruction 1(b).

Check this box if no longer subject to Section 16. Form 4 or Form 5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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STATEMENT OF CHANGES IN BENEFICIAL	OWNERSHIP

OMB APPROVAL

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

1. Name and Address of Reporting Person* COOK GUY S (Last) (First) (Middle) 246 PAINTED HILLS RD (Street) BOZEMAN MT 59715 (City) (State) (Zip)					3. D 12/	2. Issuer Name and Ticker or Trading Symbol Bacterin International Holdings, Inc. [BONE] 3. Date of Earliest Transaction (Month/Day/Year) 12/11/2013 4. If Amendment, Date of Original Filed (Month/Day/Year)									S. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director					
(- 9)				n-Deriv	ative	Sec	uritie	s Ac	quired	, Dis	sposed o	f, or l	Benefic	cially	Owne	ed				
1. Title of Security (Instr. 3) 2. T Dat				2. Transa Date	2. Transaction Date (Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)		3. Transaction Code (Instr. 8)		4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4			r 5. Amount of Securities Beneficially Owned Following		ount of ities icially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership	
									Code	v	Amount	(A) (D)	or Prio	ce	Trans	Reported Transaction(s) (Instr. 3 and 4)			(Instr. 4)	
Common Stock			12/11/2013					S		160,000)]	\$ 0	\$0.4221		4,937,729)			
Common Stock															1,800,000		I		By Trust	
Common Stock															1,900,000			I	By Trust	
Common Stock														1,900,000		I		By Trust		
	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 of Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) 3. Deemed Execution Date, if any (Month/Day/Year)		n Date,	4. Transa Code (8)	Instr.	Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date I Expirati (Month/I	on Da Day/Yo		Amount of Securities Underlying Derivative Security (Instr. and 4) Amount of Security Instr. and 4)		Deri Sec (Ins	rice of vative urity tr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ow For Dire or I (I) (nership m: ect (D) ndirect Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		

Explanation of Responses:

Guy S Cook

12/13/2013

** 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 Number.