

Bacterin International Holdings, Inc.
 Form 4
 December 26, 2013

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL
 OMB Number: 3235-0287
 Expires: January 31, 2015
 Estimated average burden hours per response... 0.5

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

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(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
COOK GUY S

2. Issuer Name and Ticker or Trading Symbol
Bacterin International Holdings, Inc. [BONE]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
600 CRUISER LANE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
12/24/2013

____ Director
 ____ Officer (give title below)
 10% Owner
 ____ Other (specify below)

BELGRADE, MT 59714
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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 (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)			
				(A) or (D)	Price					
				Code	V	Amount				
Common Stock	12/24/2013		S		100,000	D	\$ 0.44	1,700,000	I	By Trust
Common Stock	12/24/2013		S		100,000	D	\$ 0.44	1,800,000	I	By Trust
Common Stock	12/24/2013		S		100,000	D	\$ 0.44	1,800,000	I	By Trust
Common Stock								4,937,729	D	

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

