Roach Charles Form 4 April 17, 2018

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box

if no longer

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

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Roach Charles Issuer Symbol INPHI Corp [IPHI] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year)

04/15/2018

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

V.P. of Worldwide Sales

2953 BUNKER HILL LANE, STE 300

(Street)

(State)

(Zip)

2. Transaction Date 2A. Deemed

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

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

Form filed by More than One Reporting

(Instr. 4)

SANTA CLARA, CA 95054

(City)

1.Title of

Security

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Execution Date, if Transaction(A) or Disposed of (D) Securities Form: Direct Indirect Code (Instr. 3, 4 and 5) Beneficially (D) or Beneficial Ownership

Person

(Month/Day/Year) (Instr. 3) Owned Indirect (I) (Month/Day/Year) (Instr. 8) Following (Instr. 4) Reported (A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price Common 83,457 04/15/2018 F 1.220 D D 32.75 Stock

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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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D)		ate	7. Title a Amount of Underlying Securities (Instr. 3 a	of ng s	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	or Title Nu of	umber		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Roach Charles 2953 BUNKER HILL LANE, STE 300 SANTA CLARA, CA 95054

V.P. of Worldwide Sales

Signatures

/s/ John Edmunds, attorney-in-fact 04/17/2018

**Signature of Reporting Person Dat

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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