Roach Charles Form 4 May 21, 2018

FORM 4

Check this box

if no longer

subject to

Section 16.

Form 4 or

obligations

may continue.

See Instruction

Form 5

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

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

0.5

Estimated average burden hours per response...

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

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

SECURITIES

1(b).

(City)

(State)

(Zip)

(Print or Type Responses)

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) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner Other (specify X_ Officer (give title 2953 BUNKER HILL LANE, STE 04/20/2018 below) 300 V.P. of Worldwide Sales (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting SANTA CLARA, CA 95054 Person

(City)	(State) (Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties A	cquired	5. Amount of	6. Ownership	7. Nature of		
Security	(Month/Day/Year)	Execution Date, if	Transactio	on(A) or D	ispose	d of (D)	Securities	Form: Direct	Indirect		
(Instr. 3)		any	Code (Instr. 3, 4 and 5)			Beneficially	(D) or	Beneficial			
		(Month/Day/Year)	(Instr. 8)				Owned	Indirect (I)	Ownership		
							Following	(Instr. 4)	(Instr. 4)		
					(A)		Reported				
					(A)		Transaction(s)				
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)				
Common Stock	04/20/2018		F	244	D	\$ 30.28	97,302	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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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 Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	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 05/21/2018

**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).

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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