Semones Timothy D Form 3 November 10, 2010

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement INPHI Corp [IPHI] A Semones Timothy D (Month/Day/Year) 11/10/2010 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) 3945 FREEDOM (Check all applicable) CIRCLE, Â SUITE 1100 (Street) 6. Individual or Joint/Group 10% Owner _X__ Director Officer Other Filing(Check Applicable Line) (give title below) (specify below) _X_ Form filed by One Reporting Person SANTA CLARA, CAÂ 95054 Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 1. Title of Security 2. Amount of Securities 4. Nature of Indirect Beneficial Beneficially Owned Ownership Ownership (Instr. 4) (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) Â Common Stock 76,190 D Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly. Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a

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

currently valid OMB control number.

3. Title and Amount of 1. Title of Derivative Security 2. Date Exercisable and 5. 6. Nature of Indirect (Instr. 4) **Expiration Date** Securities Underlying Conversion Ownership Beneficial Ownership (Month/Day/Year) **Derivative Security** or Exercise Form of (Instr. 5) (Instr. 4) Price of Derivative Derivative Security: Title Direct (D) Security

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	Date Exercisable	Expiration Date		Amount or Number of Shares		or Indirect (I) (Instr. 5)	
Employee Stock Option (right to buy)	(1)	06/07/2012	Common Stock	6,866	\$ 2.34	D	Â
Employee Stock Option (right to buy)	(1)	05/05/2016	Common Stock	4,285	\$ 1.05	D	Â
Employee Stock Option (right to buy)	(1)	02/16/2017	Common Stock	56,888	\$ 1.22	D	Â
Employee Stock Option (right to buy)	(1)	08/15/2017	Common Stock	28,444	\$ 1.78	D	Â
Employee Stock Option (right to buy)	(1)	10/17/2017	Common Stock	51,428	\$ 1.94	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships					
· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer	Other		
Semones Timothy D 3945 FREEDOM CIRCLE SUITE 1100 SANTA CLARA, CA 95054	ÂX	Â	Â	Â		

Signatures

/s/ Timothy D.
Semones

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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).
- (1) The option award is fully vested.

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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