

Smith Brian K
 Form 3
 February 23, 2012

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

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 *			2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Protomold Investment Company, LLC			(Month/Day/Year)	Proto Labs Inc [PRLB]	
(Last)	(First)	(Middle)		4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
2600 EAGAN WOODS DRIVE, SUITE 150				(Check all applicable)	
(Street)				<input checked="" type="checkbox"/> Director	<input checked="" type="checkbox"/> 10% Owner
EAGAN, MN 55121				<input type="checkbox"/> Officer	<input type="checkbox"/> Other
(City)	(State)	(Zip)		(give title below) (specify below)	
				6. Individual or Joint/Group Filing(Check Applicable Line)	
				<input type="checkbox"/> Form filed by One Reporting Person	
				<input checked="" type="checkbox"/> Form filed by More than One Reporting Person	

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	3,189,648 ⁽¹⁾	D	^

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

SEC 1473 (7-02)

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

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

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Protomold Investment Company, LLC 2600 EAGAN WOODS DRIVE SUITE 150 EAGAN, MN 55121	X	X		
Smith Brian K 5540 PIONEER CREEK DRIVE MAPLE PLAIN, MN 55359	X			

Signatures

/s/ Catherine M. Verschelden, Attorney-in-Fact for Protomold Investment Company, LLC	02/23/2012	Date
**Signature of Reporting Person		
/s/ Catherine M. Verschelden, Attorney-in-Fact for Brian K. Smith	02/23/2012	Date
**Signature of Reporting Person		

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).
- These shares are directly owned by Protomold Investment Company, LLC. Brian Smith is the President of Protomold Investment Company, LLC and a director of the Issuer. Mr. Smith disclaims beneficial ownership of the shares except to the extent of his pecuniary interest.

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.