Reiner Andres Form 4 April 13, 2010

FORM 4

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

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

OMB APPROVAL

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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)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Reiner Andres Issuer Symbol PROS Holdings, Inc. [PRO] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner Other (specify X_ Officer (give title 3100 MAIN STREET, SUITE 900 04/12/2010 below) **Executive Vice President** (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 HOUSTON, TX 77002 Person

(City)	(State) (Z	Zip) Table	I - Non-D	erivative S	Securi	ties Acq	uired, Disposed o	of, or Beneficial	ly 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)	ransaction(A) or Disposed of ode (D)		5. Amount of Securities Beneficially Owned Following	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Common	04/12/2010		Code V	Amount	` ´	Price	Reported Transaction(s) (Instr. 3 and 4)	5	
Stock	04/12/2010		M	6,000	A	\$ 6	89,916	D	
Common Stock	04/12/2010		S <u>(1)</u>	900	D	\$ 9.4	89,016	D	
Common Stock	04/12/2010		S(1)	200	D	\$ 9.41	88,816	D	
Common Stock	04/12/2010		S(1)	200	D	\$ 9.42	88,619	D	
Common Stock	04/12/2010		S <u>(1)</u>	600	D	\$ 9.43	88,019	D	

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Common Stock	04/12/2010	S <u>(1)</u>	400	D	\$ 9.44	87,616	D
Common Stock	04/12/2010	S(1)	1,000	D	\$ 9.45	86,616	D
Common Stock	04/12/2010	S(1)	300	D	\$ 9.46	86,316	D
Common Stock	04/12/2010	S <u>(1)</u>	700	D	\$ 9.47	85,616	D
Common Stock	04/12/2010	S(1)	100	D	\$ 9.49	85,516	D
Common Stock	04/12/2010	S <u>(1)</u>	100	D	\$ 9.5	85,416	D
Common Stock	04/12/2010	S <u>(1)</u>	500	D	\$ 9.51	84,916	D
Common Stock	04/12/2010	S(1)	800	D	\$ 9.52	84,116	D
Common Stock	04/12/2010	S(1)	500	D	\$ 9.53	83,616	D
Common Stock	04/12/2010	S <u>(1)</u>	200	D	\$ 9.54	83,416	D
Common Stock	04/12/2010	S(1)	500	D	\$ 9.55	82,916	D
Common Stock	04/12/2010	S(1)	400	D	\$ 9.56	82,516	D
Common Stock	04/12/2010	S(1)	800	D	\$ 9.57	81,716	D
Common Stock	04/12/2010	S(1)	500	D	\$ 9.58	81,216	D
Common Stock	04/12/2010	S(1)	200	D	\$ 9.6	81,016	D
Common Stock	04/12/2010	S <u>(1)</u>	100	D	\$ 9.63	80,916	D

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

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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. Transacti Code (Instr. 8)	5. Number conf Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (Right to buy) (2)	\$ 6	04/12/2010		M	6,000	(3)	03/26/2017	Common Stock	6,000

Reporting Owners

Reporting Owner Name / Address			Relationships	
	Director	10% Owner	Officer	Other

Reiner Andres 3100 MAIN STREET SUITE 900 HOUSTON, TX 77002

Executive Vice President

Signatures

J. Scott McClendon, Attorney-in-fact for Andres Reiner

04/13/2010

**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).
- (1) Rule 10b5-1 Plan The sales reported in this Form 4 was affected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on March 10, 2010.
- (2) Stock option grant under PROS Holdings 2007 Equity Incentive Plan.
- (3) The initial 25% of these options vested on March 26, 2008. The remaining unvested options will vest monthly, in equal installments, over a three year period ending March 26, 2011.

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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