Reiner Andres Form 4 February 27, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

30(h) of the Investment Company Act of 1940

OMB APPROVAL OMB

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Check this box if no longer subject to Section 16. Form 4 or Form 5

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue.

1(b).

(Print or Type Responses)

See Instruction

1. Name and Ad Reiner Andre	•	orting Person *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			PROS Holdings, Inc. [PRO]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction			
			(Month/Day/Year)	X Director 10% Owner		
3100 MAIN STREET, SUITE 900			02/24/2012	_X_ Officer (give title Other (specify below)		
				President & CEO		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
HOUSTON, TX 77002				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(C:+-)	(04-4-)	(7:)				

(City)	(State)	(Zip) Tabl	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed o	f, 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)	4. Securi on(A) or D (Instr. 3,	ispose 4 and (A) or	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	02/24/2012		M	7,500	A	\$ 18.44 (1)	113,473	D	
Common Stock	02/24/2012		F	2,734	D	\$ 18.44 (1)	110,739	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)

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 on Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	of Derivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pr Deri Secu (Inst
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	(2)	02/24/2012		M	7,500	(3)	(3)	Common Stock	7,500	

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Reiner Andres 3100 MAIN STREET SUITE 900 HOUSTON, TX 77002	X		President & CEO				

Signatures

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

02/27/2012

**Signature of Reporting Person

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) Represents the price of PROS Holdings, Inc. common stock at the close of market on February 24, 2012.
- (2) Each restricted stock unit represents the contingent right to receive one share of PROS Holdings, Inc. common stock.
- The original restricted stock unit grant was awarded on March 9, 2010 in the amount of 30,000 restricted stock units and vest annually, in **(3)** equal installments, over a four year period commencing February 24, 2011.
 - Includes (i) 8,333 of unvested restricted stock which will vest on March 13, 2012 associated with the March 13, 2009 grant, (ii) 15,000 of unvested restricted stock which will vest in equal installments over the next three years on February 24th associated with the March 9,

Date

2010 grant, (iii) 37,500 of unvested restricted stock which will vest in in equal installments over the next three years on the date of grant associated with the December 14, 2010 grant, (iv) 35,000 of unvested restricted stock which will vest in equal installments over the next four years on the date of grant associated with the May 10, 2011 grant and (v) 80,000 of unvested restricted stock units which will vest in equal installments over the next four years on January 1st associated with a February 14, 2012 grant.

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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