SCOTT RICHARD L Form SC 13D/A May 05, 2006

OMB APPROVAL OMB Number: 3235-0145 Expires: February 28, 2009 Estimated average burden hours per response...15

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

SCHEDULE 13D

Under the Securities Exchange Act of 1934 (Amendment No. 1)*

Key Technology, Inc. (Name of Issuer) Common Stock, no par value (Title of Class of Securities) 493143101 (CUSIP Number) Stephen T. Braun, Esq. Boult Cummings Conners & Berry, PLC 1600 Division Street, Suite 700 Nashville, Tennessee 37203 (615) 252-2300 (Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications) May 2, 2006

(Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. o

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are to be sent.

* The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

```
CUSIP No.
             493143101
        NAMES OF REPORTING PERSONS:
        Richard L. Scott
  1
        I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):
        CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):
  2
        (a) o
        (b) o
        SEC USE ONLY:
  3
        SOURCE OF FUNDS (SEE INSTRUCTIONS):
  4
        PF
        CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS
        2(d) OR 2(e):
  5
        o
        CITIZENSHIP OR PLACE OF ORGANIZATION:
  6
        United States
                   SOLE VOTING POWER:
               7
 NUMBER OF
                   460,000
   SHARES
                   SHARED VOTING POWER:
BENEFICIALLY 8
```

OWNED BY

-0-

EACH REPORTING PERSON		9	SOLE DISPOSITIVE POWER:			
			460,000			
WITH		10	SHARED DISPOSITIVE POWER:			
			-0-			
11	AGGR	EGAT	TE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:			
	460,00	0				
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):					
	o					
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11):					
	8.64%					
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):					
	IN					
			2			

This Amendment No. 1 amends the Schedule 13D filed by Richard L. Scott (Reporting Person) on February 16, 2006 (the Schedule 13D), with respect to shares of the Common Stock, no par value (Common Stock), of Key Technology Inc., an Oregon corporation (the Issuer). Capitalized terms used by not defined herein shall have the respective meanings ascribed to such terms in the Schedule 13D.

The following Items are hereby amended and restated in their entirety to read as follows:

Item 3. Source and Amount of Funds or Other Consideration

The Reporting Person has used personal funds of approximately \$5,515,044.76 (which includes commissions paid) to acquire 460,000 shares of Common Stock in open market transactions. The Common Stock was purchased by three different entities controlled by the Reporting Person.

Item 5. Interest in Securities of the Issuer

The 460,000 shares of the Common Stock owned by the Reporting Person constitute 8.64% of the outstanding Common Stock of the Issuer, based on the outstanding shares of Issuer Common Stock set forth in the Issuer s most recent Form 10-Q.

The Reporting Person has sole voting and dispositive power with respect to the Common Stock.

The Reporting Person purchased the following shares of the Common Stock of the Issuer in open market transactions during the past 60 days:

			A	Aggregate
No. of	Price Per Share			
Shares			Co	nsideration
5,880	\$	11.35	\$	66,738.00
13,249	\$	11.51	\$	152,474.79
1,000	\$	12.00	\$	12,000.00
59,000	\$	12.15	\$	716,850.00
79,129			\$	948,062.79
	Shares 5,880 13,249 1,000 59,000	Shares 5,880 \$ 13,249 \$ 1,000 \$ 59,000 \$	Shares Share 5,880 \$ 11.35 13,249 \$ 11.51 1,000 \$ 12.00 59,000 \$ 12.15	No. of Shares Price Per Share Co 5,880 \$ 11.35 \$ 13,249 13,249 \$ 11.51 \$ 1,000 59,000 \$ 12.00 \$ 59,000

The Common Stock was purchased by three different entities controlled by the Reporting Person.

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DATED: May 5, 2006 /s/ Richard L. Scott Richard L. Scott

4