Barkal Susan Berish Form 4 February 01, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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obligations

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 may continue.

30(h) of the Investment Company Act of 1940

1(b).

(City)

(State)

(Zip)

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Barkal Susan Berish Issuer Symbol KEMET CORP [KEM] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify 2835 KEMET WAY 01/31/2012 below) VP Quality, CCO (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 SIMPSONVILLE, SC 29681 Person

| (City) | (State) (Z | Zip) Table | e I - Non-D | erivative S | ecurities A | Acquired, Disposed | of, or Beneficial | lly 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. Securition(A) or Dis (D) (Instr. 3, 4 | sposed of | 5. Amount of Securities Beneficially Owned | 6. Ownership Form: Direct (D) or Indirect (I) | 7. Nature of Indirect Beneficial Ownership |
| | | (Month/Day/Tear) | Code V | Amount | (A) or | Following Reported Transaction(s) (Instr. 3 and 4) | (Instr. 4) | (Instr. 4) |
| Common Stock | 01/31/2012 | | A | 15,000 | A \$ | 0 19,141 | D | |

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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 | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transacti Code (Instr. 8) | | | ate | 7. Title Amoun Under | int of lying ities | 8. Price of Derivative Security (Instr. 5) | 9. Nu Deriv Secur Bene |
|---|---|---|---|---------------------------------------|-----------------------------------|---------------------|-----------------|----------------------------|--------------------------|--|---------------------------------|
| | Derivative Security | | | | Securities Acquired | | | (Instr. | 3 and 4) | | Owne Follo |
| | | | | | (A) or Disposed | | | | | | Repo Trans |
| | | | | | of (D) (Instr. 3, 4, and 5) | | | | | | (Instr |
| | | | | | 4, and 3) | | | | Amount | | |
| | | | | | | Date Exercisable | Expiration Date | Title | or Number of | | |
| | | | | Code V | (A) (D) | | | | Shares | | |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Barkal Susan Berish 2835 KEMET WAY SIMPSONVILLE, SC 29681

VP Quality, CCO

Signatures

/s/ Susan B. 02/01/2012 Barkal

**Signature of Date
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).

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.

Reporting Owners 2