UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| STATES SECURITIES AND EXCHANGE COMMISSION | |
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| washington, D.C. 20349 | OMB |
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OMB APPROVAL Number: 3235-0287 ated average burden 0.5 hours per response...

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| | pe Response | | | | | | | | | | | | | | | | | | |
|--|-------------|--|--|--|-----------|---------|--|-------------------|-------------------------|---|----------------------|--|---|---|---|--|------------------|---------------------|-------------------|
| 1. Name and Address of Reporting Person - OCONNELL HOWARD V | | | | 2. Issuer Name and Ticker or Trading Symbol BIO-TECHNE Corp [TECH] | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X_ Director 10% Owner | | | | | | | |
| 1649 QU | ESTWOO | D DRIVE | (Middle) | 3. Date o 10/30/2 | | | ransa | ction (M | onth/ | Day/Y | ear) | | | | ve title below) | | other (specify b | elow) | |
| FALCON | J HEIGHT | (Street) S, MN 55113 | | 4. If Ame | endn | nent, D | ate O | riginal Fi | iled(M | Month/Da | y/Year) | | _X_ F | orm filed b | y One Reportin | oup Filing(Cl g Person e Reporting Pers | | e Line |) |
| (Cit | | (State) | (Zip) | | | T | able l | I - Non-D |)eriva | ative S | Securitie | s Acqu | ired, | Dispose | d of, or Be | neficially O | vned | | |
| (Instr. 3) Da | | | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | | | Code (Inst | r. 8) | (A (In | A) or D nstr. 3, | (A) or | of (D) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | | ted | Ownership Form: | | neficial nership | |
| Common Stock 10/30/2014 | | | 10/30/2014 | | | | | ode V | | mount ,000 | (D) | Price \$ 0 | 2,00 | 0 | | | (Instr. 4) | | |
| Common | Stock | | | | | | | | <u> </u> | | | 70,000 | | Į | | I | | Connell | |
| Reminder: | Report on a | separate line for each | ch class of securitie | | | | | Per cor for | rson: ntain m di: | s who ed in splays | this for s a curr | m are ently | not valid | required OMB c | n of inforn d to respo ontrol nur | nd unless | | C 147 | 74 (9-02) |
| | | | Table II - | Derivativ (<i>e.g.</i> , put | | | | | | | | | y Ow | ned | | | | | |
| Derivative Conversion Date Exe Security or Exercise (Month/Day/Year) any | | 3A. Deemed Execution Date, if any (Month/Day/Year | 4. If Transaction Code ar) (Instr. 8) | | 5. Number | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | | | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s (Instr. 4) | Owner Form of Deriva Securit Direct or Indi | of tive ty: (D) rect | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | | | |
| | | | | Code | v | (A) | (D) | Date Exercisa | able | Expir Date | ration | Title | | Amount or Number of Shares | | | | | |
| Stock Option (right to buy) | \$ 91.78 | 10/30/2014 | | A | | 4,000 |) | 10/30/2 | 2014 | 10/3 | 0/2024 | Comi | | 4,000 | \$ 0 | 4,000 | I | | O'Connel Trust |
| Stock Optoin (right to buy) | \$ 87.39 | | | | | | | 10/31/2 | 2013 | 10/3 | 0/2023 | Comi | | 4,000 | | 4,000 | I | | O'Connel Trust |
| Stock Option (right to buy) | \$ 66.9 | | | | | | | 10/25/2 | 2012 | 2 10/2 | 4/2022 | Com | | 5,000 | | 5,000 | I | | O'Connel Trust |
| Stock Option (right to buy) | \$ 70.35 | | | | | | | 10/27/2 | 2011 | 10/2 | 6/2021 | Com | | 5,000 | | 5,000 | I | | O'Connel Trust |
| Stock Option (right to buy) | \$ 61.46 | | | | | | | 10/28/2 | 2010 | 10/2 | 7/2020 | Com | | 5,000 | | 5,000 | I | | O'Connel Trust |
| Stock Option (right to buy) | \$ 63.03 | | | | | | | 10/29/2 | 2009 | 10/2 | 8/2019 | Comi | | 5,000 | | 5,000 | I | | O'Connel Trust |
| Stock Option (right to buy) | \$ 65.47 | | | | | | | 10/23/2 | 2008 | 3 10/2 | 2/2018 | Comi | | 5,000 | | 5,000 | I | | O'Conne Trust |
| Stock | | | | | | | | | | | | | | | | | | | |

| Option (right to | \$ 66.59 | | | | 10/25/2007 | 10/24/2017 | Common Stock | 5,000 | 5,000 | O'Connell Trust |
|--------------------------------------|----------|--|--|--|------------|------------|-----------------|-------|-------|--------------------|
| Stock Option (right to buy) | \$ 56.17 | | | | 10/26/2006 | 10/25/2016 | Common Stock | 5,000 | 5,000 | O'Connell Trust |

Reporting Owners

| D (1 0 N /41) | Relationships | | | | | | | | |
|--------------------------------|---------------|-----------|---------|-------|--|--|--|--|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | | | | | |
| OCONNELL HOWARD V | | | | | | | | | |
| 1649 QUESTWOOD DRIVE | X | | | | | | | | |
| FALCON HEIGHTS, MN 55113 | | | | | | | | | |

Signatures

| /s/ Elizabeth M. Dunshee as Attorney-in-Fact for Howard V. O'Connell pursuant to Power of Attorney filed herewith. | 11/03/2014 |
|--|------------|
| **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).

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.

The undersigned hereby constitutes and appoints Brenda S. Furlow, James Hippel, Melodie R. Rose and Elizabeth M. Dunshee, or either of them acting alone, the undersigned's true and lawful attorneys-in-fact and agent with full power of substitution and resubstitution, for the undersigned and in the undersigned's name, place and stead, in any and all capacities, to sign any or all Forms 3, Forms 4 and Forms 5 relating to beneficial ownership of securities of Techne Corporation (the "Issuer"), to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission and to deliver a copy of the same to the Issuer, granting unto said attorney-in-fact and agent full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as the undersigned might or could do in person, hereby ratifying and confirming all said attorneys-in-fact and agent, or his substitute or substitutes, may lawfully do or cause to be done by virtue thereof. The undersigned acknowledges that the foregoing attorney-in-fact, in serving in such capacity at the request of the undersigned, is not assuming any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

This Power of Attorney shall remain in effect until such time as the undersigned is no longer subject to the provisions of Section 16 of the Securities Exchange Act of 1934 with respect to securities of the Issuer.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 30th day of October, 2014.