SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of report (Date of earliest event reported): December 17, 2004

TECHNE CORPORATION

(Exact Name of Registrant as Specified in Charter)

Minnesota 0-17272 41-1427402

(State or Other Jurisdiction (Commission I.R.S. Employer of Incorporation) File Number) Identification No.)

614 Mckinley Place NE
Minneapolis, MN 55413
(Address of Principal Executive Offices) (Zip Code)

Registrant's telephone number, including area code: (612) 379-8854

Not Applicable (Former Name or Former Address, if changed since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligations of the registrant under any of the following provisions:

- // Written communications pursuant to Rule 425 under the Securities Act 17 CFR 230.425)
- // Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- // Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- // Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 1.01 Entry into a Material Definitive Agreement

Techne Corporation (the "Company") entered into an Employment Agreement effective December 17, 2004, with Gregory J. Melsen for Mr. Melsen to serve as the Company's Vice President of Finance and Chief Financial Officer. Under the Agreement, Mr. Melsen will receive a base salary at the annualized rate of \$220,000 and is entitled to receive an annual bonus of up to 40% of his annual salary, based on achievement of specific revenue, profit and non-monetary goals. Mr. Melsen's Employment Agreement with the Company is filed as an exhibit to this Report.

Mr. Melsen also received an incentive stock option grant and a non-qualified stock option grant to purchase 7,587 and 17,413 shares, respectively, of the Company's common stock at \$39.53 per share. The option agreements have ten year terms and vest as follows:

	Incentive	Non-qual	ified
December 17,	2005	2,529	5,471
December 17,	2006	2,529	5,471
December 17.	2007	2,529	6,471

Item 5.02 Departure of Directors or Principal Officers; Election of Directors; Appointment of Principal Officers

Effective December 17, 2004, the Company has appointed Gregory J. Melsen as it Vice President of Finance and Chief Financial Officer. Mr. Melsen replaces Mr. Thomas E. Oland as Chief Financial Officer. Mr. Oland continues as Chief Executive Officer and President of the Company and as Chairman of the Board of Directors.

Mr. Melsen was most recently employed by PLATO Learning, Inc., a publicly held provider of computer-based and e-learning educational software, where he held the position of Vice President of Finance and Chief Financial Officer since 2002. From 1999 to 2001 he held the position of Vice President of Finance, Treasurer and Chief Financial Officer of American Medical Systems Holdings, Inc., a publicly traded medical device manufacturer. Mr. Melsen has also held financial positions with AVECOR Cardiovascular, Inc. and PACE Incorporated. Mr. Melsen's 30-year tenure in accounting and finance included 19 years with Deloitte and Touche, including nine years as an audit partner. Mr. Melsen served as audit partner on the Techne Corporation engagement. Mr. Melsen is a Certified Public Accountant and is 52 years old. The terms of Mr. Melsen's employment are set forth above under Item 1.01.

Item 9.01 Financial Statements and Exhibits

- a. Not applicable.
- b. Not applicable
- c. Exhibits
 - 10.1 Employement Agreement by and between Techne Corporation and Gregory J. Melsen, effective December 17, 2004.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: December 20, 2004 TECHNE CORPORATION

By: /s/ Thomas E. Oland

Name: Thomas E. Oland Title: President and Chief Executive Officer

EMPLOYMENT AGREEMENT

DATE: December 17, 2004

PARTIES: Techne Corporation, a Minnesota corporation 614 McKinley Place N.E. Minneapolis, Minnesota 55413

Gregory J. Melsen

AGREEMENTS:

ARTICLE 1. TERM OF EMPLOYMENT: DUTIES AND SUPERVISION

- 1.1) Parties. The parties to this Agreement are Gregory J. Melsen ("Employee") and Techne Corporation ("Company"). As used herein, Company refers to Techne Corporation and its subsidiaries including Research and Diagnostic Systems, Inc. ("R&D"), unless specifically provided otherwise. All of the rights and obligations created by this Agreement may be performed by or enforced by or against the Company or R&D or other appropriate subsidiary.
- 1.2) Term of Employment. The Company hereby employs Employee as Vice President of Finance and Chief Financial Officer of the Company for the term beginning December 17, 2004 and continuing through June 30, 2008 unless employment terminates earlier as provided in Article 5 hereof.
- 1.3) Duties and Supervision. During the term of this Agreement, Employee agrees to devote his full time and best efforts to the business and affairs of the Company, and to perform such services and duties Employee may from time to time be assigned by the Company, and specifically its President.

ARTICLE 2. COMPENSATION

- 2.1) Salary. During the initial period of this Agreement (December 17, 2004 through June 30, 2005), the Company shall pay to Employee as base compensation for services to be rendered hereunder an annual salary of \$220,000, to be paid bi-weekly or in accordance with the usual payroll practices of the Company. Each subsequent fiscal year during the term of Employee's employment by the Company, under this Agreement, Employee's salary shall be reviewed but not reduced by the Compensation Committee of the Company.
- 2.2) Management Incentive Bonus Plan. During each fiscal year of the term of Employee's employment, Employee shall be eligible to earn a bonus equal to 40%, as herein defined, of his base compensation. The performance standards for earning such bonus shall be established annually by the Compensation Committee of the Company and whether the standards have been met shall be determined by the Compensation Committee but the eligibility for a 40% bonus shall not be amended during the term of this Agreement except with the consent of Employee. At least one-half of such bonus shall be paid in the form of stock options with an aggregate exercise price equal to such onehalf of the bonus amount. Such options are to be granted immediately after the receipt of the Company's final audit report of the fiscal year and the exercise price is to be based on the market price of the Company's Common Stock at the close of the market on the day they are granted. The other onehalf of any bonus earned may be taken, at the election of the Employee, either in cash or in additional stock options with an exercise price equal to 170% of such one-half of the bonus amount.
- 2.3) Other Employee Compensation and Benefits. In addition to the compensation and benefits provided to Employee in Sections 2.1 and 2.2 hereof, Employee shall be entitled to participate in other employee compensation and benefit plans from time to time established by the Company and made available generally to all employees. Employee shall participate in such compensation and benefit plans on an appropriate and comparable basis determined by the Board of Directors by reference to all other employees eligible for participation. With regard to all insured benefits to be

provided to Employee, benefits shall be subject to due application by Employee, the Company has no obligation to pay insured benefits directly and such benefits are payable to Employee only by the insurers in accordance with their policies. Employee shall not be reimbursed for unused personal days or sick days.

ARTICLE 3. PAYMENT OF CERTAIN EXPENSES

3.1) Business Expenses. In order to enable Employee to better perform the services required of him hereunder, the Company shall pay or reimburse Employee for business expenses in accordance with policies to be determines from time to time by the Board of Directors. Employee agrees to submit documentation of such expenses as may be reasonably required by Company.

ARTICLE 4. INVENTIONS. PROPRIETARY INFORMATION AND COMPETITION

4.1) Prior Agreement. Neither the execution of this Agreement nor any provision in it shall be interpreted as rescinding or revoking the Employee Agreement With Respect To Inventions, Proprietary Information, and Unfair Competition previously entered into between the Company and Employee as of December 17, 2004 (the "Prior Agreement"). The Company and Employee hereby agree that the terms of such Prior Agreement shall apply to all businesses of the Company, including not only business conducted by the Company but also to business conducted through Techne or any subsidiary or venture of Techne now existing or hereafter created. The termination of this Employment Agreement shall not terminate Employee's obligations under the Prior Agreement.

ARTICLE 5. TERMINATION

- 5.1) Events of Termination. Employee's employment shall terminate as follows:
 - (A) By mutual written agreement of the parties;
 - (B) Upon death of Employee;
 - (C) Employee may terminate his employment at any time upon written notice provided to the Board of Directors at least 90 days prior to the effective date of termination.
 - (D) The Company may terminate Employee's employment as follows:
 - (i) In the event of the merger, sale of the business, or change in control of the Company, provided that the salary and bonus continuation provisions of Article 6.1 of this Agreement are met.
 - (ii) By written notice to Employee, the Company may terminate Employee's employment immediately with cause. For purposes of this Agreement, "cause" shall mean material dishonesty or gross misconduct on the part of Employee in the performance of Employee's duties hereunder, serious breach of Company policies or failure on the part of Employee to perform material duties assigned to Employee by the Company's President or Board of Directors.
 - (iii) Upon the occurrence of physical or mental disability of Employee to such an extent that Employee is unable to carry on essential functions of Employee's position, with or without reasonable accommodation, and such inability continues for a period of three months.
- 5.2) Records and Files. In the event of termination of employment of Employee hereunder, possession of each corporate file and record shall be retained by the Company, and Employee or his heirs, assigns and legal representatives shall have no right whatsoever in any such material, information or property.

TERMINATION BENEFITS

6.1) Termination Benefits. In the event Employee's employment by the Company is terminated by the Company or an acquirer of the Company, in connection with a merger, sale or "change in control" of the Company or Techne, Employee shall be paid at the time of such termination an amount equal to the base salary and benefits which would otherwise have been paid under the terms of this Agreement had this Agreement continued to be enforced or, for twelve (12) months from the date of termination, whichever period is longer. For purposes of this Section 6.1, "change in control" means the acquisition in one or more transactions by a single party, or any number of parties acting in concert, of a majority of the outstanding shares of voting stock of the Company.

ARTICLE 7. MODIFICATIONS

7.1 Modifications. Except as provided in Section 4.1 above, this Agreement supersedes all prior agreements and understandings between the parties relating to the employment of Employee by the Company and it may not be changed or terminated orally. No modification, termination, or attempted waiver of any of the provisions of this Agreement shall be valid unless in writing signed by the party against whom the same is sought to be enforced.

ARTICLE 8. GOVERNING LAW AND SEVERABILITY

- 8.1) Governing Law. The validity, enforceability, construction and interpretation of this Agreement shall be governed by the laws of the State of Minnesota.
- 8.2) Severability. If any term of its Agreement is deemed unenforceable, void, voidable, or illegal, such enforceable, void, voidable or illegal term shall be deemed severable from all other terms of this Agreement which shall continue in full force and effect and the Company and Employee expressly acknowledge that a court of competent jurisdiction may, at Company's request, modify and thereafter enforce any of the terms, conditions, and covenants contained in this Agreement.

ARTICLE 9. BINDING EFFECT

9.1) Binding Effect. The breach by the Company of any other agreement or instrument between the Company and Employee shall not excuse or waive Employee's performance under, or compliance with, this Agreement. This Agreement shall be assignable by the Company and shall be binding upon and inure to the benefit of the Company, its successors and assigns, and Employee, his heirs, and legal representatives The rights of Employee hereunder are personal and may not be assigned or transferred except as may be agreed to in writing by the Company.

ARTICLE 10. ARBITRATION

10.1) Arbitration. Any dispute arising out of or relating to (i) this Agreement or the alleged breach of it, or the making of this Agreement, including claims of fraud in the inducement, or (ii) Employee's application or candidacy for employment, employment and/or termination of employment with the Company including, but is not limited to, any and all disputes, claims or controversies relating to discrimination, harassment, retaliation, wrongful discharge, and any and all other claims of any type under any federal or state constitution or any federal, state, or local statutory or common law shall be discussed between the disputing parties in a good faith effort to arrive at a mutual settlement of any such controversy. If, notwithstanding, such dispute cannot be resolved, such dispute shall be settled by binding arbitration. Judgment upon the award rendered by the arbitrator may be entered in any court having jurisdiction thereof. The arbitrator shall be a retired state or federal judge or an attorney who has practiced securities or business litigation for at least 10 years. If the parties cannot agree on an arbitrator within 20 days, any party may request that the chief judge of the District Court for Hennepin County, Minnesota, select an arbitrator. Arbitration will be conducted pursuant to the provisions of this Agreement, and the commercial arbitration rules of the American Arbitration Association,

unless such rules are inconsistent with the provisions of this Agreement, but without submission of the dispute to such Association. Limited civil discovery shall be permitted for the production of documents and taking of depositions. Unresolved discovery disputes may be brought to the attention of the arbitrator who may dispose of such dispute. The arbitrator shall have the authority to award any remedy or relief that a court of this state could order or grant; provided, however, that punitive or exemplary damages shall not be awarded. The arbitrator may award to the prevailing party, if any, as determined by the arbitrator, all of its costs and fees, including the arbitrator's fees, administrative fees, travel expenses, out-of-pocket expenses and reasonable attorneys' fees. Unless otherwise agreed by the parties, the place of any arbitration proceedings shall be Hennepin County, Minnesota. This agreement to arbitrate does not include worker's compensation claims or claims for unemployment compensation.

IN WITNESS WHEREOF, the parties have executed this Agreement and caused it to be dated as of the day and year first above written.

TECHNE CORPORATION

By /s/ Thomas E. Oland Its President

"Company"

/s/ Gregory J. Melsen Gregory J. Melsen

"Employee"