

GENENCOR INTERNATIONAL INC  
 Form 4  
 December 13, 2004

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
 OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 PEKICH THOMAS J

2. Issuer Name and Ticker or Trading Symbol  
 GENENCOR INTERNATIONAL INC [GCOR]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
 925 PAGE MILL ROAD  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 12/09/2004

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Group VP-Bioproducs

PALO ALTO, CA 94304  
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
|                                 |                                      |  |                                | (A) or (D) Code V Amount (D) Price                                |   |  |  |
| Common Stock, \$.01 par value   |                                      |  |                                |   | 18,783  | D  |  |
| Common Stock, \$.01 par value   |                                      |  |                                |   | 1,100   | I  | By Wife <sup>(1)</sup>                     |
| Common Stock, \$.01 par value   |                                      |  |                                |   | 1,100   | I  | Custodian for Daughter <sup>(1)</sup>      |
| Common Stock, \$.01 par value   |                                      |  |                                |   | 1,100   | I  | Custodian for Son <sup>(1)</sup>           |

par value

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

**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.**

SEC 1474  
(9-02)

**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. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4)   |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|
|  |  |                                      |  | Code                           | V (A) (D)   | Date Exercisable Expiration Date                         | Title Amount or Number of Shares                                |
| Stock Option (Right to Buy)                | \$ 10.77   |                                      |  |                                |   | 08/21/2004 08/21/2012                                    | Common Stock, par value \$0.01 per share 206,817 <sup>(2)</sup> |
| Stock Option (Right to Buy)                | \$ 14.52   |                                      |  |                                |   | <sup>(3)</sup> 06/06/2013                                | Common Stock, par value \$0.01 per share 52,000 <sup>(3)</sup>  |
| Stock Option (Right to Buy)                | \$ 16.23   | 12/09/2004                           |  | A                              | 60,000 <sup>(4)</sup>   | <sup>(4)</sup> 12/09/2014                                | Common Stock, par value \$0.01 per share 60,000 <sup>(4)</sup>  |

## Reporting Owners

| Reporting Owner Name / Address                               | Relationships |           |                      |       |
|--|---------------|-----------|----------------------|-------|
|  | Director      | 10% Owner | Officer              | Other |
| PEKICH THOMAS J<br>925 PAGE MILL ROAD<br>PALO ALTO, CA 94304 |               |           | Group VP-Bioproducts |       |

## Signatures

Mark D. Buri, Attorney-in-fact for Thomas J.  
Pekich

12/13/2004

\_\_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).
- (1) Mr. Pekich disclaims beneficial ownership of these shares.
  - (2) This option was previously reported by Mr. Pekich.
  - (3) This option was previously reported by Mr. Pekich. Mr. Pekich can exercise this option as follows: 17,333 shares on 6/06/04, 17,333 on 6/06/05 and 17,334 on 6/06/06.
  - (4) This option was granted under the Genencor International, Inc. 2002 Omnibus Incentive Plan in a transaction exempt under Rule 16b-3. Mr. Pekich can exercise this option as follows: 20,000 shares on 12/09/05, 20,000 on 12/09/06 and 20,000 on 12/09/07.

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.