

GENENCOR INTERNATIONAL INC
 Form 4
 December 13, 2004

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

OMB APPROVAL

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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 *
 GOLDSMITH MARK A

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)
 Sr. VP Health Care

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 Ownership (Instr. 4)
				(A) or (D) Price			
Common Stock, \$.01 par value					0	D	

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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) This option was previously reported by Dr. Goldsmith.
- (2) This option was previously reported by Dr. Goldsmith. Dr. Goldsmith can exercise this option as follows: 9,998 shares on 11/01/03, 9,999 shares on 11/01/04 and 10,003 shares on 11/01/05.
- (3) This option was previously reported by Dr. Goldsmith. Dr. Goldsmith can exercise this option as follows: 28,333 on 6/06/04, 28,333 on 6/06/05 and 28,334 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. Dr. Goldsmith can exercise this option as follows: 16,666 shares on 12/09/05, 16,667 on 12/09/06 and 16,667 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.