

Houtkin Sherry
Form 4
August 10, 2005

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 *
HOUTKIN HARVEY

2. Issuer Name and Ticker or Trading Symbol
**GENCOR INDUSTRIES INC
[GNCL.OB]**

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
08/09/2005

___ Director ___X___ 10% Owner
___ Officer (give title below) ___ Other (specify below)

C/O DOMESTIC SECURITIES, INC., 160 SUMMIT AVENUE

(Street)

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

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

MONTVALE, NJ 07645

(City) (State) (Zip)

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					30,500	I	As officer, director and 50% indirect shareholder of Domestic Securities, Inc.
Common Stock					834,780	I	Owned by Sherry Houtkin, Mr. Houtkin's

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Common Stock	45,974	I	wife See Footnote (1)
Common Stock	67,980	I	See Footnote (2)
Common Stock	26,830	I	See Footnote (3)

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

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(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)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Benef Own Follo Repor Trans (Instr
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V (A) (D)		

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
HOUTKIN HARVEY C/O DOMESTIC SECURITIES, INC. 160 SUMMIT AVENUE MONTVALE, NJ 07645		X		
Houtkin Sherry C/O DOMESTIC SECURITIES, INC. 160 SUMMIT AVENUE MONTVALE, NJ 07645		X		

Signatures

/s/?Harvey
Houtkin 08/09/2005

__Signature of
Reporting Person Date

/s/?Sherry
Houtkin 08/09/2005

__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) Owned by Stuart Houtkin, the son of Harvey and Sherry Houtkin. Mr. Houtkin has a power of attorney with respect to such shares.

(2) Owned by Brad Houtkin, the son of Harvey and Sherry Houtkin. Mr. Houtkin has a power of attorney with respect to such shares

(3) Owned by Michael Houtkin, the son of Harvey and Sherry Houtkin. Mr. Houtkin has a power of attorney with respect to such shares.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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