Houtkin Sherry
Form 4
February 12, 2009

FORM 4

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

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

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).

(Print or Type Responses)

1. Name and Address of Reporting Person *
Houtkin Sherry

(Last) (First) (Middle)

3900 ISLAND BLVD., PENTHOUSE 4

(Street)

AVENTURA, FL 33160

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)
02/27/2008

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_____ Director __X__ 10% Owner
_____ Officer (give title below) _____ Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)
___ Form filed by One Reporting Person
_X_ 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 Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock, $.10 par value	02/27/2008		P		100	A	$ 18.9	1,255,849	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008		P		100	A	$ 18.86	1,255,949	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par	02/27/2008		P		100	A	$ 18.65	1,256,049	I	By Spouse (deceased 07/25/2008)

value								
Common Stock, $.10 par value	02/27/2008	P	100	A	$ 17.5	1,256,149	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	P	100	A	$ 17.7	1,256,249	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	P	100	A	$ 17.6	1,256,349	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	P	100	A	$ 17.75	1,256,449	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	P	100	A	$ 17.65	1,256,549	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	P	100	A	$ 17.6	1,256,649	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	P	100	A	$ 17.55	1,256,749	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	P	200	A	$ 18.92	1,256,949	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	P	200	A	$ 18.75	1,257,149	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	P	300	A	$ 17.55	1,257,449	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	P	498	A	$ 17.45	1,257,947	I	By Spouse (deceased 07/25/2008)

Common Stock, $.10 par value	02/27/2008	P	500	A	$ 17.54	1,258,447	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	S	817	D	$ 18.8	1,257,630	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	S	409	D	$ 19.48	1,257,221	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	S	200	D	$ 17.65	1,257,021	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	S	200	D	$ 17.65	1,256,821	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	S	200	D	$ 17.98	1,256,621	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	S	100	D	$ 18.99	1,256,521	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	S	100 (1)	D	$ 18	1,256,421	I	By Spouse (deceased 07/25/2008)
Common Stock, $.10 par value	02/27/2008	P	0	A	$ 0	873,188	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)

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 Bene Owne Follo Repo Trans (Instr
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Houtkin Sherry 3900 ISLAND BLVD. PENTHOUSE 4 AVENTURA, FL 33160		X		
HOUTKIN HARVEY % SHERRY HOUTKIN 3900 ISLAND BLVD, PENTHOUSE 4 AVENTURA, FL 33160		X		

Signatures

/s/ Sherry Houtkin	02/05/2009
**Signature of Reporting Person	Date
/s/ Brad Houtkin	02/05/2009
**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) All of the foregoing transactions were effected prior to Mr. Houtkin's death (07/25/08) and reflect shares in which he had a beneficial ownership, other than shares beneficially owned by his spouse, Sherry Houtkin, which are reported herein by Mrs. Houtkin.

Remarks:

Mr. Houtkin passed away July 25, 2008. On that date, he ceased to be a 10% owner and was no longer subject to Section 16.

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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