

HEMOSENSE INC
 Form 3
 June 13, 2005

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF 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 *

WHEELER KURT
 (Last) (First) (Middle)

2. Date of Event Requiring Statement

(Month/Day/Year)
 06/13/2005

3. Issuer Name and Ticker or Trading Symbol
 HEMOSENSE INC [HEMO]

4. Relationship of Reporting Person(s) to Issuer

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

(Check all applicable)

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

C/O MPM ASSET MANAGEMENT, 111 HUNTINGTON AVE., 31ST FLOOR

(Street)

BOSTON, MA 02199

(City) (State) (Zip)

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 Beneficially Owned

1. Title of Security (Instr. 4)

2. Amount of Securities Beneficially Owned (Instr. 4)

3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)

4. Nature of Indirect Beneficial Ownership (Instr. 5)

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

SEC 1473 (7-02)

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.

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

1. Title of Derivative Security (Instr. 4)

2. Date Exercisable and Expiration Date (Month/Day/Year)

3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)

4. Conversion or Exercise Price of Derivative

5. Ownership Form of Derivative Security:

6. Nature of Indirect Beneficial Ownership (Instr. 5)

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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Series C-3 Preferred Stock	Â (1)	Â (1)	Common Stock	14,149,452 (2)	\$ (1)	I	See Footnote (2)
Common Stock Warrant (Right to Buy)	Â (3)	04/25/2010	Common Stock	25,804 (4)	\$ 9 (4)	I	See Footnote (5)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WHEELER KURT C/O MPM ASSET MANAGEMENT 111 HUNTINGTON AVE., 31ST FLOOR BOSTON, MA 02199	Â X	Â X	Â	Â

Signatures

/s/ Kurt Wheeler 06/13/2005
**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(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) Each share of Series C-3 Preferred Stock will convert automatically into 0.25 shares of Common Stock immediately prior to the closing of the Issuer's initial public offering.
 Does not reflect the conversion of the Series C-3 Preferred Stock into Common Stock. The shares are held as follows: 9,525,412 by MPM BioVentures II-QP, L.P. ("BV II QP"), 1,051,305 by MPM BioVentures II, L.P. ("BV II"), 219,315 by MPM Asset Management Investors 2000B LLC ("AM 2000B") and 3,353,420 by MPM BioVentures GmbH & Co. Parallel-Beteiligungs KG ("BV KG").
- (2) MPM Asset Management II, L.P. ("AM II GP") and MPM Asset Management II LLC ("AM II LLC") are the direct and indirect general partners of BV II QP, BV II and BV KG. The Reporting Person is a member of AM 2000B and AM II LLC. The Reporting Person disclaims beneficial ownership of the securities except to the extent of his pecuniary interest therein.
- (3) Immediately
 Calculated based on an assumed exercise price of \$9.00 per share, the mid-point of the price range of the issuer's initial public offering.
- (4) The number of shares issuable upon the exercise of this warrant may be calculated by dividing an aggregate of \$232,236 by the exercise price per share. The exercise price will be set at the price per share paid by the investors in the issuer's initial public offering.
- (5) The shares are held as follows: 17,372 by BV II QP, 1,917 by BV II, 399 by AM 2000B and 6,116 by BV KG.

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.