VANGUARD V L P Form SC 13G February 14, 2006

# SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Schedule 13G

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1 (b), (c) AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO 13d-2 (b)
(Amendment No) *
HemoSense, Inc.
(Name of Issuer)
Common Stock
(Title of Class of Securities)
423691 10 4
(CUSIP Number)
December 31, 2005
(Date of Event Which Requires Filing of this Statement)
Check the $$ appropriate box to designate the rule pursuant to which this Schedule is filed:
[ ] Rule 13d-1(b)
[ ] Rule 13d-1(c)
[X] Rule 13d-1(d)
*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

disclosures provided in a prior cover page.

Page 1 of 14 Pages Exhibit Index Contained on Page 12

CUSIP	NO. 423691 104		13 G	
1	I.R.S. IDENTIFICATION	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (Entities Only). Vanguard V, L.P. ("VVLP")		
2	CHECK THE APPROPRIAT:	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a)		
3	SEC USE ONLY	SEC USE ONLY		
4	CITIZENSHIP OR PLACE	E OF ORGANIZATION		
	Delaware			
	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		SOLE VOTING POWER 699,357 shares, except that Vanguard V Venture Pour ("VVVP"), the general partner of VVLP, may be despower to vote these shares, and Jack M. Gill ("G. ("Myers"), Clifford H. Higgerson ("Higgerson") as ("Ulrich"), the managing members of VVVP, may be power to vote these shares.	
		6	SHARED VOTING POWER See response to row 5.	
		7	SOLE DISPOSITIVE POWER 699,357 shares, except that VVVP, the general part deemed to have sole power to dispose of these share Higgerson and Ulrich, the managing members of VVVP have shared power to dispose of these shares.	
		8	SHARED DISPOSITIVE POWER See response to row 7.	
9	REPORTING PERSON			
10	CHECK BOX IF THE AGGI	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)		
11	PERCENT OF CLASS REP!	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
12	TYPE OF REPORTING PE	TYPE OF REPORTING PERSON (See Instructions)		

CUSIP NO	0. 423691 104		13 G	
1	I.R.S. IDENTIFICATION	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (Entities Only).  Vanguard V Venture Partners, L.L.C. ("VVVP")		
2	CHECK THE APPROPRIATI	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)  (a)		
3	SEC USE ONLY			
4	CITIZENSHIP OR PLACE OF ORGANIZATION  Delaware			
OV	NUMBER OF SHARES BENEFICIALLY WNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 699,357 shares, all of which are directly owned by general partner of VVLP, may be deemed to have sole these shares, and Gill, Myers, Higgerson and Ulrich members of VVVP, may be deemed to have shared power shares.	
			SHARED VOTING POWER See response to row 5.	
		 7	SOLE DISPOSITIVE POWER 699,357 shares, all of which are directly owned by general partner of VVLP, may be deemed to have sol of these shares, and Gill, Myers, Higgerson and Ul members of VVVP, may be deemed to have shared powe these shares.	
		8	SHARED DISPOSITIVE POWER See response to row 7.	
9	AGGREGATE AMOUNT BENE	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
10		CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)		
 11	PERCENT OF CLASS REPI	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
12	TYPE OF REPORTING PE	TYPE OF REPORTING PERSON (See Instructions)		
CUSIP NC	0. 423691 104		13 G	

1	NAME OF REPORTING		ABOVE PERSON (Entities Only).
	Jack M. Gill		
2	CHECK THE APPROPR	IATE BOX IF	A MEMBER OF A GROUP (See Instructions) (a)
3	SEC USE ONLY		
4 CITIZENSHIP OR PLACE OF ORGANIZATION			IZATION
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	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 0 shares.
		6	SHARED VOTING POWER 699,357 shares, all of which are directly owned by general partner of VVLP, and Gill, a managing member deemed to have shared power to vote these shares.
		7	SOLE DISPOSITIVE POWER  0 shares.
		8	SHARED DISPOSITIVE POWER 699,357 shares, all of which are directly owned by general partner of VVLP, and Gill, a managing membedeemed to have shared power to dispose of these shared
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
12	TYPE OF REPORTING PERSON (See Instructions)		
CUSIP N	IO. 423691 104		13 G

NAME OF REPORTING PERSONS

1

I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (Entities Only).

	I.R.S. IDENIIFICAL	IION NO. OF A	ABOVE PERSON (ENCICLES ONLY).	
	Curtis K. Myers			
2	CHECK THE APPROPRI	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a)		
3	SEC USE ONLY	SEC USE ONLY		
4	CITIZENSHIP OR PLA	ACE OF ORGANI	ZATION	
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		6	SHARED VOTING POWER 699,357 shares, all of which are directly owned by general partner of VVLP, and Myers, a managing member deemed to have shared power to vote these shares.	
		7	SOLE DISPOSITIVE POWER  0 shares.	
		8	SHARED DISPOSITIVE POWER 699,357 shares, all of which are directly owned by general partner of VVLP, and Myers, a managing member of these shades are disposed of these shades are disposed of the second statements.	
9	AGGREGATE AMOUNT F	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH		
10		CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)		
11		PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
12	TYPE OF REPORTING		Instructions)	
CUSIP N	NO. 423691 104		13 G	
1	NAME OF REPORTING		ABOVE PERSON (Entities Only).	
	Clifford H. Higger	rson		

2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a)			
3	SEC USE ONLY	SEC USE ONLY		
4 CITIZENSHIP OR PLACE OF ORGANIZATION		UIZATION		
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10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)			
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
12	TYPE OF REPORTING	TYPE OF REPORTING PERSON (See Instructions)		
CUSIP N	CUSIP NO. 423691 104		13 G	
1	NAME OF REPORTING I.R.S. IDENTIFICAT		ABOVE PERSON (Entities Only).	
	Robert D. Ulrich			
2	CHECK THE APPROPRI	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)  (a)		
3	SEC USE ONLY			

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	ERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
	TYPE OF REPORTING PERSON (See Instructions)			
CUSIP NO. 4236	91 104 		Page 8 of 14	
ITEM 1(A).	NAME OF ISSUE			
	HemoSense, Ir	nc.		
ITEM 1(B).	ADDRESS OF IS	SSUER'S PRINC	CIPAL EXECUTIVE OFFICES	
	c/o Red Rock 180 Lytton Av Palo Alto, CA	renue		
ITEM 2(A).	NAME OF PERSO	ONS FILING		

This Statement is filed by Vanguard V, L.P., a Delaware limited partnership ("VVLP"), Vanguard V Venture Partners, L.L.C., a Delaware limited liability company ("VVVP"), and Jack M. Gill ("Gill"), Curtis K. Myers ("Myers"), Clifford H. Higgerson ("Higgerson") and Robert D. Ulrich ("Ulrich"). The foregoing entities and individuals are collectively referred to as the "Reporting Persons."

VVVP, the general partner of VVLP, may be deemed to have sole power to vote and sole power to dispose of shares of the issuer directly owned by VVLP. Gill, Myers, Higgerson and Ulrich are the managing members of VVVP and may be deemed to have shared power to vote and shared power to dispose of shares of the issuer directly owned by VVLP.

ITEM 2(B). ADDRESS OF PRINCIPAL BUSINESS OFFICE

The address for each of the Reporting Persons is:

Vanguard V, L.P. 525 University Ave

525 University Avenue, Suite 1200 Palo Alto, California 94301

ITEM 2(C) CITIZENSHIP

VVLP is a Delaware limited partnership. VVVP is a Delaware limited liability company. Gill, Myers, Higgerson and Ulrich are United States citizens.

ITEM 2(D) AND (E). TITLE OF CLASS OF SECURITIES AND CUSIP NUMBER

Common Stock
CUSIP #423691 10 4

ITEM 3. Not Applicable.

ITEM 4. OWNERSHIP

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item  $1.\,$ 

(a) Amount beneficially owned:

See Row 9 of cover page for each Reporting Person.

(b) Percent of Class:

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See Row 11 of cover page for each Reporting Person.

- (c) Number of shares as to which such person has:
  - (i) Sole power to vote or to direct the vote:

See Row 5 of cover page for each Reporting Person.

(ii) Shared power to vote or to direct the vote:

See Row 6 of cover page for each Reporting Person.

(iii) Sole power to dispose or to direct the disposition of:

See Row 7 of cover page for each Reporting Person.

(iv) Shared power to dispose or to direct the disposition of:

See Row 8 of cover  $% \left( 1\right) =\left( 1\right) +\left( 1\right) =\left( 1\right) +\left( 1\right) +\left( 1\right) =\left( 1\right) +\left( 1\right)$ 

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS

Not applicable.

OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER

PERSON.

Under certain circumstances set forth in the limited partnership agreement of VVLP, and the limited liability company agreement of VVVP, the general and limited partners or members, as the case may be, of each of such entities may be deemed to have the right to receive dividends from, or the proceeds from, the sale of shares of the issuer owned by each such entity of which they are a partner or member, as the case may be.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH

ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING

COMPANY

Not applicable.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.

Not applicable. ITEM 9. NOTICE OF DISSOLUTION OF GROUP. Not applicable. ITEM 10. CERTIFICATION. \_\_\_\_\_ Not applicable. 13 G Page 10 of 14 CUSIP NO. 423691 104 SIGNATURES After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct. Date: February 7, 2006 Vanguard V, L.P. /s/ Laura Gwodsen By Vanguard V Venture Partners, LLC Its General Partner Signature Laura Gwodsen Chief Financial Officer/ Attorney-In-Fact Jack M. Gill /s/ Laura Gwodsen Laura Gwodsen Attorney-In-Fact Curtis K. Myers /s/ Laura Gwodsen \_\_\_\_\_ Laura Gwodsen Attorney-In-Fact Clifford H. Higgerson /s/ Laura Gwodsen Laura Gwodsen Attorney-In-Fact

Robert D. Ulrich	/s/ Laura G	wodsen
	Laura Gwodse: Attorney-In-:	
The original statement shall be statement is filed or his authorize on behalf of a person by his authorize officer or general partner of representative's authority to sign the statement, provided, however which is already on file with the Country to have and any title of each person printed beneath his signature.	ed representative.  rized representative  the filing pe  n on behalf of such pe  t, that a power of  Commission may be	If the statement is signed e other than an executive rson, evidence of the person shall be filed with attorney for this purpose ncorporated by reference.
CUSIP NO. 423691 104	13 G	Page 11 of 14
NOTE: Schedules filed in paper for copies of the schedule, including parties for whom copies are to be statement of the schedule. Intentional misstatement criminal violations (See 18 U.S.C.	g all exhibits. Sesent. ents or omissions o	e ss.240.13d-7 for other
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Exhibit		Found on Sequentially Numbered Page
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Exhibit B: Power of Attorney		14

EXHIBIT A

Agreement of Joint Filing

The undersigned hereby agree that a single Schedule 13G (or any amendment thereto) relating to the Common Stock of HemoSense, Inc. shall be filed on behalf of each of the undersigned and that this Agreement shall be filed as an exhibit to such Schedule 13G.

Date: February 7, 2006 Vanguard V, L.P. /s/ Laura Gwodsen By Vanguard V Venture Partners, LLC \_\_\_\_\_ Its General Partner Signature Laura Gwodsen Chief Financial Officer/ Attorney-In-Fact Jack M. Gill /s/ Laura Gwodsen \_\_\_\_\_\_ Laura Gwodsen Attorney-In-Fact /s/ Laura Gwodsen Curtis K. Myers \_\_\_\_\_ Laura Gwodsen Attorney-In-Fact Clifford H. Higgerson /s/ Laura Gwodsen Laura Gwodsen Attorney-In-Fact Robert D. Ulrich /s/ Laura Gwodsen Laura Gwodsen Attorney-In-Fact Page 14 of 14 CUSIP NO. 423691 104 13 G

EXHIBIT B

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### Power of Attorney

Each of the undersigned entities and individuals (collectively, the "Reporting Persons") hereby authorizes and designates Vanguard V Venture Partners, LLC or such other person or entity as is designated in writing by Clifford Higgerson (the "Designated Filer") as the beneficial owner to prepare and file on behalf of such Reporting Person individually, or jointly together with the other Reporting Persons, any and all reports, notices, communications and other documents (including, but not limited to, reports on Schedule 13D, Schedule 13G, Form 13-F, Form 3, Form 4 and Form 5) that such Reporting Person may be required to file with the United States Securities and Exchange Commission pursuant to the Securities Act of 1933, as amended (together with the implementing regulations thereto, the "Act") and the Securities Exchange Act of 1934, as amended (together with the implementing regulations thereto, the "Exchange Act") (collectively, the "Reports") with respect to each Reporting Person's ownership of, or transactions in, securities of any entity whose securities are beneficially owned (directly or indirectly) by such Reporting Person (collectively, the "Companies").

Each Reporting Person hereby further authorizes and designates Laura Gwodsen (the "Authorized Signatory") to execute and file on behalf of such Reporting Person the Reports and to perform any and all other acts, which in the opinion of the Designated Filer or Authorized Signatory may be necessary or incidental to the performance of the foregoing powers herein granted.

The authority of the Designated Filer and the Authorized Signatory under this Document with respect to each Reporting Person shall continue until such Reporting Person is no longer required to file any Reports with respect to the Reporting Person's ownership of, or transactions in, the securities of the Companies, unless earlier revoked in writing. Each Reporting Person acknowledges that the Designated Filer and the Authorized Signatory are not assuming any of the Reporting Person's responsibilities to comply with the Act or the Exchange Act.

Date: February 7, 2006

Vanguard V Venture Partners, LLC

/s/ Clifford H. Higgerson

Clifford H. Higgerson, Managing Member

Vanguard V, L.P.

/s/ Clifford H. Higgerson

Clifford H. Higgerson, Managing Member

Vanguard W. Gill

Jack M. Gill

Jack M. Gill

Curtis K. Myers

/s/ Curtis K. Myers

Curtis K. Myers

Clifford H. Higgerson /s/ Clifford H. Higgerson Clifford H. Higgerson

Robert D. Ulrich /s/ Robert D. Ulrich

\_\_\_\_\_

Robert D. Ulrich