Commissioner for Patients 103026502 P.O. Box 1450 Alexandria, VA 22313-1450 Sir: Please record the attached original documents or copy thereof. 2 1. Name of conveying party(ics): 2. Alexai Sheydayi Supercritical Systems Inc. 21100 W. Guadalupe Rodd Gibbert, AZ 8233	(Rev. 06	PTO-1595 5/93) o. 0651-0011 (Exp. 04/94)	06-23-2005	U.S. Department of Com Patent and Trademark O Attorney Docket No.: SSI-
Please record the attached original documents or copy thereof. 1. Name of conveying party(iss): Alexi Sheydayi Thomas Sutton	Commis P.O. Bo	sioner for Patents x 1450		
1. Name of conveying party(ies): Alexei Sheydayi Supercritical Systems Inc. Thomas Sutton 2. Additional name(s) of conveying party(ies) attached. 3. 3. Nature of conveyance: X Assignment Bescurity Agreement Change of Name Other: Change of Name Change of Name Change of Name Application number(s) or patent number(s): This document is being filed together with a new application, the execution date of the application is: X Patent Application Serial No.(s): Implication serial No.(s): Additional mamber(s) or patent number(s): 6. Total number of applications and patents infulfied: QP Additional markets attached. 6. Total number of applications and patents infulfied: QP 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of application and which may be required under 3 g§ 1.21(h) and 3.411: X Check(s) in the amount of \$ <u>40.000</u> enclosed. 8. 8. Authorization to Charge Additional Ress: 3 9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a rue copy of the original document.				
Alexei Sheydayi Supercritical Systems Inc. 2120 W. Guadalupe Road Gilbert, AZ 85233				dram of reasing marty(ics):
3. Nature of conveyance:	1.	Alexei Sheydayi	Supercr 2120 W	itical Systems Inc. Guadalupe Road
X Assignment		Additional name(s) of conveying party(ies)	attached Addition	nal name(s) and address(es) attached.
Security Agreement Change of Name Other: Execution Date: Alexei Sheydayi executed on May 23, 2005 and Thomas Sutton executed on May 25, 2005. 4. Application number(s) or patent number(s): This document is being filed together with a new application, the execution date of the application is: X Patent Application Serial No.(s): 11/094,936 filed on March 30, 2005 Additional numbers attached. 5. Name and address of party to whom correspondence concerning document should be mailed: Thomas B. Haverstock HAVERSTOCK & OWENS LLP 162 North Wolfe Road Sunnyvale, California 94086 9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Dated: June 16, 2005 Signature:	3.	Nature of conveyance:		
Thomas Sutton executed on May 25, 2005. 4. Application number(s) or patent number(s):		Security Agreement Change of	f Name	
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Thomas B. Haverstock HAVERSTOCK & OWENS LLP 162 North Wolfe Road Sunnyvale, California 94086 8. Authorization to Charge Additional Fees: X The Commissioner is hereby authorized to charge a additional fees or credit any overpayment associate communication and which may be required under 3 §§ 1.21(h) and 3.41 to Deposit Account No. 08-127 9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Dated: June 16, 2005 Signature: Marrie: Thomas B. Haverstock Reg. No: 32,571 Total number of pages including cover sheet, attachments, and document: 3 /2005 DBYRNE 00000063 11094936		Patent No.(s): .		FILM M
162 North Wolfe Road Sunnyvale, California 94086 X Check(s) in the amount of \$40.00 enclosed. 8. Authorization to Charge Additional Fees: X The Commissioner is hereby authorized to charge a additional fees or credit any overpayment associate communication and which may be required under 3 §§ 1.21(h) and 3.41 to Deposit Account No. 08-127 9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Dated: June 16, 2005 Signature: Marrie: Thomas B. Haverstock Reg. No.: 32,571 Total number of pages including cover sheet, attachments, and document: 3 /2005 DBYRNE 00000063 11094936	5.	 Patent No.(s): . Additional numbers attached. Name and address of party to whom corresponded.	<u>36</u> filed on <u>March 30, 2005.</u>	of applications and patents in foreigned:
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document. Dated: June 16, 2005 Signature: <u>Thomas B. Haverstock</u> Reg. No.: <u>32,571</u> Total number of pages including cover sheet, attachments, and document: <u>3</u> /2005 DBYRME 00000063 11094936	5.	 Patent No.(s): . Additional numbers attached. Name and address of party to whom corresponded document should be mailed: Thomas B. Haverstock HAVERSTOCK & OWENS LLP 162 North Wolfe Road 	36 filed on March 30, 2005. ence concerning 6. Total number 7. Total fee(s) [X Check(s)	of applications and patents in valved: CP. 37 CFR §§ 1.21(h) and 3.41]:
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		 Patent No.(s): . Additional numbers attached. Name and address of party to whom corresponded document should be mailed: Thomas B. Haverstock HAVERSTOCK & OWENS LLP 162 North Wolfe Road Sunnyvale, California 94086 To the best of my knowledge and belief, the fore document. Dated: June 16, 2005 Signa Nam 	36 filed on March 30, 2005. ence concerning 6. 7. Total number 7. Total fee(s) [X Check(s) 8. Authorization X The Conaddition community s§ 1.210 egoing information is true and correct and any ature:	of applications and patents in the action of \$40.00 enclosed. To Charge Additional Fees: mmissioner is hereby authorized to charge any tal fees or credit any overpayment associated with nication and which may be required under 37 CF (h) and 3.41 to Deposit Account No. <u>08-1275</u> .
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:8021 40.00 OP	9.	 Patent No.(s): . Additional numbers attached. Name and address of party to whom corresponded document should be mailed: Thomas B. Haverstock HAVERSTOCK & OWENS LLP I62 North Wolfe Road Sunnyvale, California 94086 To the best of my knowledge and belief, the fore document. Dated: June 16, 2005 Sign. Nam Reg. Total number of p 	36 filed on March 30, 2005. ence concerning 6. Total number 7. Total fee(s) [X Check(s 8. Authorization X The Conaddition community sgoing information is true and correct and any ature: Mummer M. Theorem M.	of applications and patents in ordered: CP. 37 CFR §§ 1.21(h) and 3.41]: and in the amount of \$40.00 enclosed. To Charge Additional Fees: mmissioner is hereby authorized to charge any nal fees or credit any overpayment associated with nication and which may be required under 37 CF (h) and 3.41 to Deposit Account No. 08-1275. attached copy is a true copy of the original

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PATENT REEL: 016702 FRAME: 0940

ASSIGNMENT

WHEREAS, WE, <u>Alexei Sheydayi and Thomas Sutton</u>, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: GATE VALVE FOR PLUS-ATMOSPHERIC PRESSURE SEMICONDUCTOR PROCESS VESSELS

Date of execution of application: ______ Filing Date: March 30, 2005 Serial No.: 11/094,936

WHEREAS, <u>Supercritical Systems Inc., a corporation of the State of California, 2120 W. Guadalupe Road, Gilbert, AZ 85233</u>, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the dates indicated below.

Alexei Sheydayi	<u>5723/05</u> Date
Thomas Sutton	Date
STATE OF COUNTY OF	
On before	e me,, s of satisfactory evidence to be the person(s) whose names are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of
	which the person(s) acted, executed the instrument. WITNESS my hand and official seal.

SEAL

Signature of Notary Public

ASSIGNMENT

WHEREAS, WE, <u>Alexei Sheydayi and Thomas Sutton</u> hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

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IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the dates indicated below.

Alexei Shevdavi

Date

5/25/05 Date

PATENT REEL: 016702 FRAME: 0942

RECORDED: 06/20/2005