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con Nar Inte Stro City	ne and address of party to whom corresponde cerning document should be mailed: ne: Sam K. Tahmassebi KNOBBE, MARTENS, OLSON & BEAR, Customer No. 20,995 ernal Address: Sixteenth Floor eet Address: 620 Newport Center Drive y: Newport Beach State: CA ZIP: 9260 orney's Docket No.: AXIOM.1CP2CCP	LLP	(X) 8. Plea	Total fee (37 CFR 1.21(h)): \$40 Enclosed Deposit account number: 11-1410 se charge this account for any additional fees which may be ired, or credit any overpayment to this account.
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PATENT REEL: 012316 FRAME: 0105

ASSIGNMENT

WHEREAS, I, Pandi Veerapandian, a United States citizen, residing at 4070 Moratalla Terrace, San Diego, CA, 92130, USA; and Gregory Kaler, a Belarus citizen, residing at 8155 Cargill Avenue, #19, San Diego, California 92122, USA, have invented certain new and useful improvements in a CELL FLOW APPARATUS AND METHOD FOR REAL-TIME MEASUREMENTS OF PATIENT CELLULAR RESPONSES for which I have filed an application for Letters Patent in the United States, Application No. 09/779,690, Filing Date February 7, 2001;

AND WHEREAS, AXIOM BIOTECHNOLOGIES, INC. (hereinafter "ASSIGNEE"), a California Corporation, with its principal place of business at 3550 General Atomics Court, San Diego, CA 92121-1194, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

N TESTIMONY WHERE	OF, I hereunto set my hand a	ind seal this 13 day of Norwher, 2001
		Doeted
STATE OF	}	Pandi Veerpandian
COUNTY OF	∫ SS.	

On <u>NOU 13</u>, 2001, before me, <u>David B</u>. <u>Waller</u>, personally appeared Pandi Veerpandian personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that they executed the same in their authorized capacity(ies), and that by 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.



Notary Signature

PATENT REEL: 012316 FRAME: 0106

Gregory Kaler

STATE OF

SS.

COUNTY OF

On <u>*Muu 13, 2001*</u>, before me, <u>David 6. Waller</u>, personally appeared Gregory Kaler personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that they executed the same in their authorized capacity(ies), and that by 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]

Notary Signature



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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California	
County of <u>Sin Diego</u>	> SS.
	J
on Neu 13 2001 before me	Name and Title of Officer (e.g., "Jane Doe, Notary Public")
Date	Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Gregory Kal	
0 0	
	☐ personally known to me ✔ proved to me on the basis of satisfacto evidence
	to be the person(s) whose name(s) is/a subscribed to the within instrument ar acknowledged to me that he/she/they execute the same in his/her/their authorize capacity(ies), and that by his/her/the
DAVID B. WALLER Commission # 1289936	signature(s) on the instrument the person(s), the entity upon behalf of which the person(acted, executed the instrument.
San Diego County My Comm. Expires Jan 8, 2005	WITNESS my hand and official seal.
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State of California)
County of <u>Sin Diego</u>	SS.
	David B. Waller Name and Title of Officer (e.g., "Jane Doe, Notary Public") and I
Date	Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared	Name(s) of Signer(s)
	I I personally known to me IÅ proved to me on the basis of satisfactory evidence
DAVID B. WALLER Commission # 1289936 Notary Public - California San Diego County My Comm. Expires Jan 8, 2005	to be the person(s) whose name(s) is/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/thei signature(s) on the instrument the person(s), o the entity upon behalf of which the person(s) acted, executed the instrument.
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Signer(s) Other Than Named Above: Non Capacity(ies) Claimed by Signer Signer's Name: <u>BALA PAND</u> X Individual	RIGHT THUMBPRIN OF SIGNER Top of thumb here
Signer(s) Other Than Named Above: <u>Non</u> Capacity(ies) Claimed by Signer Signer's Name: <u>BALA PAND</u> X Individual Corporate Officer — Title(s):	RIGHT THUMBPRIN OF SIGNER Top of thumb here
Signer(s) Other Than Named Above: <u>N⊍r</u> Capacity(ies) Claimed by Signer Signer's Name: <u>GALA PAND</u> X Individual Corporate Officer — Title(s): Partner — Limited General	RIGHT THUMBPRIN OF SIGNER Top of thumb here
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Signer(s) Other Than Named Above: <u>N@</u> Capacity(ies) Claimed by Signer Signer's Name: <u>BALA PAND</u> X Individual Corporate Officer — Title(s): Partner — Limited General Attorney in Fact Trustee	RIGHT THUMBPRIN OF SIGNER Top of thumb here
Signer(s) Other Than Named Above: <u>Non</u> Capacity(ies) Claimed by Signer Signer's Name: <u>BALA PAND</u> X Individual Corporate Officer — Title(s): Partner — Limited General Attorney in Fact Trustee Guardian or Conservator	RIGHT THUMBPRIN OF SIGNER Top of thumb here
Signer(s) Other Than Named Above: <u>N@</u> Capacity(ies) Claimed by Signer Signer's Name: <u>BAL₽ PAND</u> X Individual Corporate Officer — Title(s): Partner — Limited General Attorney in Fact Trustee	RIGHT THUMBPRIN OF SIGNER Top of thumb here

RECORDED: 11/26/2001