10 the Monorable Commissione of Patents and Trademark. Insease record the attached orginal documents or copy thereof. 1. Name of conveying party(ies): Baoxin Li Baoxin Li Image: Share Laboratories of America, Inc. Street Address: 5750 NW Pacific Rim Blvd City Additional name(s) of conveying party(ies) attached? City I Yees X Nume: Share Laboratories of America, Inc. Street Address: 5750 NW Pacific Rim Blvd City City Camas Security Agreement Image: Share WA ZIP _ 98607 Additional name(s) of conveying oarty(ies): Additional name(s) & address(es) attached? If Yes [X] No Application number(s) or patent number(s): If this document is being field together with a new application, the execution date of the application is <u>March 31, 2003</u> A. Patent Application No.(s) B Patent Application No.(s) B Patent Application No.(s) B Patent Application No.(s) Chemost Vibuid Demine et al. Marces: Chemost Vibuid Demine et al. 601 SW Second Ave, Suite 1600 Fortal number of pages account No. (s) 7 Total fee (G7 CFR 3.41 and 12(h)3.40 1. Address: Chemost Vibuid Demine et al.	RE 3-31-03	04-14-2003 102419134
Baoxin Li Name: Sharp Laboratories of America, Inc. Additional name(s) of conveying party(les) attached? [] Yes [] Charge 3. Nature of conveying [] Merger [] Merger [] Security Agreement [] Danger of Name [] Yes [] Xi No 2. Subject on the security of the s	To the Honorable Commissioner of Patents and Trademar_N-,	Please record the attached original documents or copy thereof.
Additional name(s) of conveying perty(ies) attached? Size Address: 570 NV Pacific Rim Bird Additional name(s) of conveying perty(ies) attached? City Camas State V/A, ZIP genot Additional name(s) of conveying perty(ies) attached? Additional name(s) & address: 650 NV Pacific Rim Bird City Genote Additional name(s) & address (es) attached? [] Yes [] Yes [X] Assignment [] Other Additional name(s) & address (es) attached? [] Yes [X] Assignment [] Change of Name [] Yes [X] No Execution Date March 28, 2003 B Patent No. (s) If this document is being filed together with a new application, the execution date of the application is March 31, 2003 A. Petent Application No.(s) B Patent No. (s) If address: City Off S Att and t.21(h)-S.40 Statement address of party to whom 6. Total mother of applications and patents involved March 31, 2003 City Off S Att and t.21(h)-S.40 [] Name: Kevin L. Russall City Off S Att and t.21(h)-S.40 Name: City Off S Att and t.21(h)-S.40 [] Statement and signature. Signature Signature To the best of my	1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Additional name(s) of conveying party(les) attached? City Camas_State VA, ZIP_9807 1 Yes [X] No Additional name(s) & address(es) attached? Additional name(s) & address(es) attached? [] Security Agreement [] Change of Name [] Yes [X] No Execution Date: March 28, 2003 Additional name(s) & address(es) attached? [] Yes 4. Application number(s) or patent number(s): If this document is being field together with a new application, the execution date of the application is March 31, 2003 A. Patent Application No.(s) B. Patent No.(s) If yes [X] No 5. Name and address of party to whom correspondence concerning document should be mailed: 0. Total number of applications and patents involved: [1] Yes [X] No 7. Total set (37 CFR 3.41 and 1.21(h))5.40 [1] Authorated to be charged to deposit account [1] [2] Authorated to be charged to deposit account [2] 8. Statement and signature. 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 orginal document. March 31, 2003 Name of Person Signing Signature Signature March 31, 2003 7. To tables of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the orginal document so ferensolwaying ton. Doc 20231 Mar	Baoxin Li	
3. Nature of conveyance: Additional name(s) & address(es) attached? [] Yes [] Yes [X] No Becurity Agreement [] Merger [] Yes [X] No Execution Date: March 28, 2003 [] Yes [X] No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is March 31, 2003 A. Patent Application No.(s) B Patent No.(s) B ID J QD (J Q S) Patent No.(s) B Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved [] 1 Name: Kevin L. Russell 6. Total number of applicationes and potents involved [] 1 Name: Kevin L. Russell 7. Total is (or CFR 3.41 and 12(h))\$.40_(Attach duplicate copy of This page if paying by deposit account IV Alphoteck to be charged to deposit account [] Authorized to be charged to deposit account [] Authorized to be charged to deposit account IV Alphoteck to be charged to deposit account [] Authorized to deposit account [] Authorized to deposit account IV Alphoteck to be charged to deposit account [] Authorized to deposit account [] Authorized to deposit account <td>Additional name(s) of conveying party(ies) attached?</td> <td></td>	Additional name(s) of conveying party(ies) attached?	
[] Yes [] Yes [X] No [] Yes [X] No [] Yes [X] No [] Security Agreement [] Change of Name [] Other March 28, 2003 [] Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is March 31, 2003 A. Application No.(s) B. Patent No.(s) [] More and address of party to whom should be mailed: [] Total free (37 CFR 3.41 and 12(th))		
Statement and signature. Statement and signature. Statement and signature. 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. Statement and signature. Statement and signature. 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. Kevin L. Russell Name of Person Signing Total number of pages comprising cover sheet, attachments, and document [2] Do not detach this portion March 31, 2003 Statement to be recorded with required cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gate may the data and rade and the document and gatement and rademarks Box Assignments Washington, DC 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gatement and budget. Papervork Reduction Project. (0851-000), Washington, DC. 20231		
A Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is <u>March 31, 2003</u> A. Patent Application No.(s) B. Patent No.(s) D. <u>40495</u> Additional numbers attached? []Yes [X]No S. Name and address of party to whom orrespondence concerning document should be mailed: Name: Kevin L. Russell Address: Chemory (Wilhauer et al. 601 SW Second Ave, Suite 1600 Portland. OR 97204 Suite 1600 Portland. OR 97204 Suite 1600 S. Statement and signature. 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. Mare of Person Signing Total number of pages comprising cover sheet, attachments, and document [2] Do Not Use THIS SPACE Tide of this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Peterson Signing Total Information to: Commissioner of Peterson and Trademarks Box Assignments Washington, DC 20231 Public burden trappting for this sample cover sheet information to: Commissioner of Peterson and Trademarks Box Assignments Washington, DC 20231 Public burden trappting for this page and reviewing the sample cover sheet. Statemark Reving the document and guatering the data needed, and completing and reviewing the sample cover sheet. Statemark Revis Devision, DC. 20503.	[] Security Agreement [] Change of Name	
If this document is being filed together with a new application, the execution date of the application is March 31, 2003 A. Patent Application No.(s) B. Patent No.(s) IV. J. 40. 49. 49. Folditional numbers attached? [] Yes [X] No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: [1] Name: Kevin L. Russell 6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41 and 1.21(h))\$.40. [X] Enclosed [] Authorized to be charged to deposit account 8. Deposit Account No. 03. 1550 (Attach duplicate copy of this page if paying by deposit account) [] Authorized to be charged to deposit account 9. Statement and signature. 0. Deposit Account No. 03. 1550 (Attach duplicate copy of this page if paying by deposit account) 9. Statement and signature. March 31, 2003 Signature March 31, 2003 Name of Person Signing Signature March 31, 2003 Signature Name of Derson Signing Signature March 31, 2003 Signature Do not detach this portion Signature March 31, 2003 Signature Name of Person Signing Signature Signature Signature Do not detach this portion Signature	Execution Date: March 28, 2003	
0. 404 9 % 7dditional numbers attached? []Yes [X]No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Kevin L. Russell Address: Chemoff, Vilhauer et al. 801 SW Second Ave., Suite 1600 Portiand, OR 97204 7. Total fee (37 CFR 3.41 and 1.21(h))—5.40 [X] Enclosed [X] Enclosed [] Authorized to be charged to deposit account [X] My deficiencies in enclosed fees authorized b 01 SW Second Ave., Suite 1600 Portiand, OR 97204 9. Statement and signature. 0. Deposit Account No. 0.3-1550 (Attach duplicate copy of this page if paying by deposit account) 9. Statement and signature. Signature Total number of pages comprising cover sheet, attachments, and document [2] March 31, 2003 Daile Do NOT USE THIS SPACE Tida for exported with required cover sheet information to: Corrmissioner of Pages comprising cover sheet information to: Corrmissioner of Patents and Trademarks Box Assignments Washington, DC 20231 Dublic burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the pata needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management an Budget, Papervork Re	······································	ation, the execution date of the application is <u>March 31, 2003</u>
correspondence concerning document should be mailed: Name: Kevin L. Russell Address: Chernoff, Vilhauer et al. 601 SW Second Ave., Suite 1600 Portland, OR 97204 Portland, OR 97204		
Address: Chernoff, Vilhauer et al. 601 SW Second Ave., Suite 1600 Portland, OR 97204 Image: Chernoff, Vilhauer et al. () Authorized to be charged to deposit account () Authorized to deposit account () Au	 Name and address of party to whom correspondence concerning document 	6. Total number of applications and
(Attach duplicate copy of this page if paying by deposit account) 9. Statement and signature. 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. Kevin L. Russell Name of Person Signing Total number of pages comprising cover sheet, attachments, and document [2] DO NOT USE THIS SPACE 7146.0159 SLA 1334 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, DC 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.	Address: Chernoff, Vilhauer et al. 601 SW Second Ave., Suite 1600	[X] Enclosed [] Authorized to be charged to deposit account [X] Any deficiencies in enclosed fees authorized
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. <u>Kevin L. Russell</u> Name of Person Signing Total number of pages comprising cover sheet, attachments, and document [2] <u>Do NOT USE THIS SPACE</u> 7146.0159 SLA 1334 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, DC 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.		 Deposit Account No. 03-1550 (Attach duplicate copy of this page if paying by deposit account)
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. <u>Kevin L. Russell</u> Name of Person Signing Total number of pages comprising cover sheet, attachments, and document [2] <u>Do NOT USE THIS SPACE</u> 7146.0159 SLA 1334 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, DC 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.	9. Statement and signature.	
Kevin L. Russell Name of Person Signing Total number of pages comprising cover sheet, attachments, and document [2] March 31, 2003 Date DO NOT USE THIS SPACE 7146.0159 SLA 1334 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, DC 20231 Commissioner of comments to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.	To the best of my knowledge and belief, the foregoing info original document.	formation is true and correct and any attached copy is a true copy of the
7146.0159 SLA 1334 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, DC 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.	Kevin L. Russell	Signature Date
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, DC 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.	DO NO	DT USE THIS SPACE 7146.0159 SLA 1334
Commissioner of Patents and Trademarks Box Assignments Washington, DC 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.	Do not detach this po	ortion
Box Assignments Washington, DC 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.	Mail documents to be recorded with required cover sheet inform	mation to:
for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.	Box Assignments	rks
	for reviewing the document and gathering the data needed, and regarding this burden estimate to the U.S. Patent and Tradema	d completing and reviewing the sample cover sheet. Send comments ark Office. Office of Information Systems, PK2-1000C, Washington, D.C.
iZ1 00000205 031550 10404987/	Z1 00000205 031550 10404987	
40.00 CH	40.00 CH	

PATENT REEL: 013937 FRAME: 0758

ASSIGNMENT

WHEREAS, I, Baoxin Li whose address is 3418 SE 170 TH Avenue, Vancouver, Washington 98683, am the sole inventor of an invention entitled:

PROCESSING OF VIDEO CONTENT

for which on an even date herewith I executed an application for United States letters patent.

NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other valuable consideration paid to us by Sharp Laboratories of America, Inc., a Washington corporation, whose business address is 5750 NW Pacific Rim Boulevard, Camas, Washington 98607, the receipt whereof is acknowledged, I do hereby assign unto the same Sharp Laboratories of America, Inc., the entire interest in said invention for the United States and all foreign countries and any letters patent to be issued therefor in the United States or any foreign country and any divisions, continuations, continuations-in-part, improvements, reissues or extensions that may be made or granted thereon.

AND the Commissioner of Patents and Trademarks is requested to issue such letters patent in accordance herewith. And I agree to execute further instruments proper for effectuating the premises.

Dated: 3/28/2003

Full name of Sole Inventor

Frank Ki

⁽Baoxin Li

ASSIGNMENT

7146.0162

		Complete If Known					
FEE TRANSMITTAL		Applica	tion N	umber	T		
for FY 2003 Patent fees are subject to annual revision.		Filing D	Date		concurrent	ly herewith	
				Baoxin Li			
		Examiner Name			N/A		
Applicant claims small entity status. See 37CFR 1.27		Art Unit	t		N / A		
TOTAL AMOUNT OF PAYMENT \$1,254		Attorne	y Doc	et No.	7146.0159		
METHOD OF PAYMENT (check all that apply)				FEE CAL		ontinued)	
Check Credit Money Other None		DITION					
_	Large Fee	Entity Fee	Small Fee	Entity Fee	Fee Des	cription	Fee Paid
☑ Deposit Account Deposit Account 03-1550	Code	(\$)	Code	(\$)		•	
Number	1051		2051		ge - late filing fe		
Deposit Account Name Chernoff Vilhauer McClung & Stenzel	1052	50	2052	sheet		al filing fee or cover	
he Commissioner is authorized to:(check all that apply)	1053 1812		1053		glish specificatio	n x-parte reexamination	
Charge fees indicated below Credit any overpayments	1804	2,520 920*				of SIR prior to Examination	
Charge any additional fee(s) during the pendency of this application				action			
Charge any fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1840*	1805	1840* Reques action	ting publication of	of SIR after Examiner	
	1251	1	2251		on for reply within		
FEE CALCULATION BASIC FILING FEE	1252		2252		on for reply within on for reply within		
BASIC FILING FEE arge Entity Small Entity Fee Description Fee Paid	1253 1254	930 1,450	2253 2254		on for reply within on for reply within		
ode (\$) Code (\$)	1254	1,970			on for reply within		
001 750 2001 375 Utility filing fee 750	1401	320		160 Notice c			
002 330 2002 165 Design filing fee	1402		2402	160 Filing a	brief in support o	f an appeal	
003 520 2003 260 Plant filing fee	1403	280	2403	140 Request	t for oral hearing		
004 750 2004 375 Reissue filing fee	1451	1,510			-	lic use proceeding	
005 160 2005 80 Provisional filing fee	1452		2452		to revive - unavo		
SUBTOTAL (1) \$750	1453	1,300			to revive - uninte		
EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300 470		235 Design i	sue fee (or reissi issue fee	18)	
Fee from	1502		2502	315 Plant iss			
Extra Claims below Fee Paid tal Claims $34 - 20^{**} = 14 \times 18 = 252$				120 Polition	to the Commission	lioner	
otal Claims 34 -20** = 14 x 18 = 252 dep. Claims 6 -3** = 3 x 84 = 252	1460 1807	130 50	1460 1807		s to the Commiss ing fee under 37		
ultiple Dependent $=$ 0	1806		1806		-	n Disclosure Stmt.	
rge Entity Small Entity Fee Description	8021		8021	40 Recordin	ng each patent a	ssignment per property	
ee Fee Fee ode (\$) Code (\$)				(times n	umber of propert	ies)	
202 18 2202 9 Claims in excess of 20	1809	750	2809		submission after R. 1.129(a))	Tinal rejection	
201 84 2201 42 Independent claims in excess of 3	1810	750	2810			ntion to be examined (37	
203 280 2203 140 Multiple dependent claim, if not paid	1801	750	2801	CFR 1.1 375 Request		xamination (RCE)	
204 84 2204 42 **Reissue independent claims over	1802	900		900 Request	for expedited ex	amination of a design	
original patent 205 18 2205 9 *Reissue claims in excess of 20 and over original patent	Other	fee (spe	ecify)	applicati	on		
SUBTOTAL (2) \$504	* Redu	ced by Ba	- asic Fili	ng Fee Paid	SUBTOT	AL (3)	\$0
**or number of previously paid, if greater. For reissues, see above.							
	D	A		00.000		omplete (if applicable)	~~ 4
ame (print type) Kevin L. Russell	Regis	tration I	NO.	38,292	Telephone	(503) 227-5	631
gnature	- I		l		Date	March 31, 2003	
1/1/1/-	and the second				1		

RECORDED: 03/31/2003

PATENT REEL: 013937 FRAME: 0760