		-07 - 2006 U.S. DEPARTMENT OF COMMERCE I States Patent and Trademark Office	
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	To the Director of the U.S. Patent and Train 1)3192078 the new address(es) below.	
	Name of conveying party(ies)/Execution Date(s): Dongkai Shangguan Vidyadhar Sitaram Kale Samuel Waising Tam	Name and address of receiving party(ies) Name: Flextronics AP LLC Internal Address:	
	Execution Date(s) March 1, 2006 & December 1, 2005 Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Government Interest Assignment	Street Address: 6328 Monarch Park Place City: Niwot State: CO Country: US Zip: 80503	
	Executive Order 9424, Confirmatory License Other	Additional name(s) & address(es) attached? Yes X No	
	A. Patent Application No.(s): 11/247,993	nis document is being filed together with a new application. B. Patent No.(s): ttached? Yes X No	
	, , , , , , , , , , , , , , , , , , , ,	tached? L Yes No	
	5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
	5. Name and address to whom correspondence	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged by credit card	
	Name and address to whom correspondence concerning document should be mailed: Name: Larry E. Henneman, Jr. Henneman & Saunders	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed	
	5. Name and address to whom correspondence concerning document should be mailed: Name: Larry E. Henneman, Jr. Henneman & Saunders Internal Address: Street Address: 714 W. Michigan Ave. City: Three Rivers	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 X Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)	
	5. Name and address to whom correspondence concerning document should be mailed: Name: Larry E. Henneman, Jr. Henneman & Saunders Internal Address: Street Address: 714 W. Michigan Ave. City: Three Rivers State: M! Zip: 49093 Phone Number: 269-279-8830 Fax Number: 269-279-8830	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 X Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers:1009 Expiration Date:11/08	
03/07/2006	5. Name and address to whom correspondence concerning document should be mailed: Name: Larry E. Henneman, Jr. Henneman & Saunders Internal Address: Street Address: 714 W. Michigan Ave. City: Three Rivers State: M! Zip: 49093 Phone Number: 269-279-8820 Fax Number: 269-279-8830 Email Address:	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 X Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers: 1009	
03/07/200 0 01 FC: 8 02:	5. Name and address to whom correspondence concerning document should be mailed: Name: Larry E. Henneman, Jr. Henneman & Saunders Internal Address: Street Address: 714 W. Michigan Ave. City: Three Rivers State: M! Zip: 49093 Phone Number: 269-279-8820 Fax Number: 269-279-8830 Email Address: DRYRNE 00000091 11247993	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 X Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers:1009 Expiration Date:11/08	
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Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

U.S. DEPARTMENT OF COMMERCE

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION,

We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

Flextronics AP LLC

a limited liability company organized under the laws of the state of Colorado as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

Wafer Based Camera Module And Method Of Manufacture

described in an application for Letters Patent of the United States, identified as Attorney Docket No.0025-013P1, at Henneman & Saunders, 714 W. Michigan Ave., Three Rivers, MI 49093 and filed on October 11, 2005, as Application Serial No. 11/247,993 and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuationsin-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefore in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by any international treaty, convention, or agreement, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by sad international conventions, treaties, or agreements, present or future.

We hereby authorize any agent of said Assignee to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number, and to correct any errors in this assignment.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed

are free and clear of any encumbrance, and mat we	have tun right to convey the same as herein expressed.
FN-WITNESS WHEREOF, we have hereunto signed	d our names on the day and year set forth below.
Dough I	3/1/06
Inventor's Signature	Date
Inventor's Printed Name	
STATE OF) SS	
COUNTY OF)	
On this day of, 20, by me or proved to me on the basis of satisfactory evidence to be that he/she executed the same of his/her own free will for the use	before me personally came the above named <u>Dongkai Shangguan</u> who is personally known to the same individual who executed the foregoing assignment, and who acknowledged to me and purposes therein set forth.
	NOTARY PUBLIC My Commission Expires:
	Page 1 of 4

Inventor's Signature		-	3/1/06			
Vidyadhar Sitaram Kale Inventor's Printed Name			Date			
STATE OF))					
COUNTY OF)					
On this day of known by me or proved to me on the basis to me that he/she executed the same of his	, 20, before me poss of satisfactory evidence to be the so wher own free will for the use and put	ersonally came the above named ame individual who executed the proses therein set forth.	Vidyadhar Sitaram Kale who is personally foregoing assignment, and who acknowledged			
		NOTARY PUBLIC				
		My Commission Exp	ires:			
Dan			2/1/05.			
Inventor's Signature			Date			
Samuel Waising Tam Inventor's Printed Name						
STATE OF California COUNTY OF Santa Clara)) SS					
On this						
	1527498 > -CAUFORNIA D A COUNTY ()	NOTARY PUBLIC My Commission Expi	(Low- res: NOV. 18, 2008			

Correction of Assignment

The attached "ASSIGNMENT" is identified by the following particulars:

Assignor(s): Dongkai Shangguan, Vidyadhar Sitaram Kale,

and Samuel Waising Tam

Assignee: Execution Date:

Flextronics AP LLC 3/1/06, 3/1/06, 12/1/05

Number of Pages:

Two (2)

Property:

Entire right, title, and interest throughout the world in invention

entitled Wafer Based Camera Module And Method Of

Manufacture, including U.S. Patent Application No. 11/247,993.

Pursuant to the authority granted by the fifth paragraph of the attached assignment document, the attached assignment document is hereby corrected as follows:

In the footer of Page 1, change "Page 1 of 4" to "Page 1 of 2"

3/2/06

RECORDED: 03/06/2006

Date

Larry E. Henneman, Jr.

Lang E. Henneman, A.

Attorney for Assignee

Reg. No.: 41,063

PATENT REEL: 017630 FRAME: 0665