Form: PTO-1595 08 - 2	22-2003		
1 1966 35 46 46 46			
DOCKET NOMBER. CMEDIOTOCK			
To the Honorable Commissioner of Patents and 102	531769 ginal documents or copy thereof.		
1. Name of conveying party(ies): Paige M. Holm Jon J. Candelaria	Name and address of receiving party(ies)		
Jon J. Candelaria	Name: Motorola, Inc.		
\(\sigma\)\-\(\sigma\)	Internal Address: Law Department		
	internal Address. <u>Law Department</u>		
Additional name(s) of conveying party(ies) Additional name(s) of conveying party(ies) Yes No attached?	10 / 64(
3 Name of conveyance: X Assignment Merger	Street Address: 1303 East Algonquin Road		
Security Agreement Change of Name	City: <u>Schaumburg</u> State: <u>IL</u> Zip: <u>60196</u>		
Other			
Execution Date: August 7, 2003	Additional name(s) & address(es) attached? Yes No		
4. Application number(s) or patent number(s):			
	on, the execution date of the application is <u>August 7, 2003</u> .		
A. Patent Application No.(s)	B. Patent No.(s)		
10640856			
Additional numbers attached	d? Yes No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
Name: <u>MOTOROLA, INC.</u>	7. Total fee (37 CFR 3.41) \$40.00		
Internal Address: LAW DEPARTMENT	Enclosed		
	X Authorized to be charged to deposit account		
Street Address: 3102 North 56 th Street	8. Deposit account number:		
City: PHOENIX			
State: ARIZONA Zip: 85018	(Attach duplicate copy of this page if paying by deposit account.)		
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	information is true and correct and any attached copy is a		
1 - 7	e original document		
Douglas W. Gilmore Name of Person Signing Signatur			
Total number of pages including cover sheet, attachments,			
	with required cover sheet information to:		
Commissioner of Patents & Trademar	ks, Box Assignments, Washington, D.C. 20231		
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PATENT

REEL: 014404 FRAME: 0331

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, PAIGE M. HOLM, PHOENIX, ARIZONA; JON J. CANDELARIA, SCOTTSDALE, ARIZONA; have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA, INC., a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in VERTICALLY INTEGRATED PHOTOSENSOR FOR CMOS IMAGERS (Docket No. CML01045CR), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto MOTOROLA, INC., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize MOTOROLA, INC. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to MOTOROLA, INC., for the sole use and benefit of MOTOROLA, INC., its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA, INC.

We agree that, when requested, we will, without charge to MOTOROLA, INC., 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 the inventions in any and all countries and for vesting title thereto in MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

We covenant with MOTOROLA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

PATENT REEL: 014404 FRAME: 0332

PAIGEM. HOLM	DATE: <u>8/7/03</u>
STATE OF ARIZONA)	
COUNTY OF MARICOPA)	
The undersigned Notary Public in a aforesaid, do hereby certify that Paig to the foregoing instrument, appeare acknowledged that they signed, seale their free and voluntary act and deed set forth. Given under my hand and notaria	e M. Holm whose name is subscribed d before me this day in person and d and delivered the instrument as I for the uses and purposes therein
August, 2003. My commission expires: Land 28, 2007	Motary Public Signature
JEANINE L. THOMPSON Notary Public - Arizona	Jeanwe C. Thompson

JON J. CANDELARIA		DATE:	8/7/03	
STATE OF ARIZONA)			
COUNTY OF MARICOPA)ss)			
The undersigned	Notary Dublic in	and for t	ha County and	State

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Jon J. Candelaria whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this ____

day of

Aciquest, 2003.

My commission expires:

Lune 282007

Notary Public Signature

Printed Name of Notary Public

JEANINE L. THOMPSON
Notary Public - Arizona
Maricopa County
My Comm. Expires Jun 28, 2007