Form PTO-1595 RECC 11-23	3 - 2004 I.S. DEPARTMENT OF COM U.S. Patent and Tradema
(1007, 037, 017)	
The block of the Control of the Cont	inal documents or copy to
1. Name of conveying party(ies):	387908 Inal documents or copy to a large state of securing party(ies)
Sung-Kwon Lee	Jan J. Carlotter and J.
Sang-Ik Kim Weon-Joon Suh	Name: Hynix Semiconductor Inc.
Wednesday	Internal Address:
Additional name(s) of conveying party(ies)	Street Address:
attached?	San 136-1, Ami-ri Bubal-eup, Icheon-shi
3. Nature of Conveyance:	
X Assignment Merger	
Security Agreement Change of Name	City: Gyunggi-do
Other	Country Republic of Korea Zip:
Execution Date: November 14, 2002	Additional name(s) & Yes address(es) attached:
Application number(s) or patent number(s):	
If this document is being filed together with a new application, the	execution date of the new application is:
A. Patent Application No.: 10/306,084	B. Patent No.(s):
	• • •
Additional numbers attac	Ched? Yes XNo
5. Name and address of party to whom correspondence	6. Total number of applications and
concerning document should be mailed:	patents involved: 1
Name: Michael R. Hull	7. Total fee (37 CFR 3.41) \$ 40.0
Internal Address: Atty. Dkt.: 29926/38922	Enclosed
Street Address: Marshall, Gerstein & Borun LLP 6300 Sears Tower	X Authorized to be charged to deposit a
233 S. Wacker Drive	8. Deposit account number: 13-2855
City Otals 7	
City: State: Zip: Chicago IL 60606-6357	(Attach duplicate copy of this page if paying by deposit
DO NOT USI	E THIS SPACE
Statement and signature.	
To the best of my knowledge and belief, the foregoing in is a true copy of the original document.	nformation is true and correct and any attached cop
\\	Chall I
Michael D. Mall	November 16, 2
Michael R. Hull	Signature / Date
Name of Person Signing	
	achments, and documents: 2
Name of Person Signing	achments, and documents: 2
Name of Person Signing Total number of pages including cover sheet, atta	U.S. Postal Service with sufficient postage as First Class Ma
Name of Person Signing Total number of pages including cover sheet, atta	U.S. Postal Service with sufficient postage as First Class Ma
Name of Person Signing Total number of pages including cover sheet, atta I hereby certify that this correspondence is being deposited with the an envelope addressed to: MS Assignment Recordation Services.	U.S. Postal Service with sufficient postage as First Class Ma

PATENT REEL: 015998 FRAME: 0935

Atty. Docket No: 29926/38922

ASSIGNMENT

Serial No:	10/306,084	
Filed:	November 27, 2002	
Title:		G ARGON FLUORIDE PHOTOLITHOGRAPHY
	or good and valuable consideration, the receipt and ign(s) to Hynix Semiconductor Inc.	sufficiency whereof are hereby acknowledged, the undersigned
undersigne	d disclosed in an application for Letters Pate	e right, title and interest in the invention or improvements of the ent of the United States, executed by the undersigned on ation and any and all other applications, which the undersigned
may file, e	ither solely or jointly with others, on said invent	ion or improvements, and in any and all Letters Patent of the
United Stat	es, which may be obtained on any of said applicate	ions, and in any reissue or extension thereof.
Th	ne undersigned hereby authorize(s) and request(s	s) the Commissioner of Patents and Trademarks to issue said
Letters Pate	ent to said assignee.	
Th	ne undersigned hereby authorize(s) and request(s	s) the attorneys of record in said application to insert in this
assignment	the execution date and/or filing date and serial nu	mber of said application when officially known.
Th	ne undersigned warrant(s) themselves (himself/he	rself) to be the owners (owner) of the interest herein assigned
and to have	the right to make this assignment and further war	rant(s) that there are no outstanding prior assignments, licenses,
or other rig	hts in the interest herein assigned.	
Fo	or said consideration the undersigned hereby agree	e(s), upon the request and at the expense of said assignee, its
		ontinuation, continuation-in-part and substitute applications for
		affidavit relating thereto, and any application for the reissue or
		d application, that said assignee, its successors or assigns, may
deem neces	ssary or expedient, and for the aforesaid consider	ation the undersigned further agree(s) upon the request of said
assignee, it	s successors or assigns, in the event of any appli	cation or Letters Patent assigned herein becoming involved in
Interference	e, to cooperate to the best of the ability of the un	ndersigned with said assignee, its successors or assigns, in the
matters of	preparing and executing the preliminary stateme	nt and giving and producing evidence in support thereof, the
undersigned	d hereby agreeing to perform, upon request, any a	nd all affirmative acts to obtain said Letters Patent, and vest all
rights there	in hereby conveyed in said assignee, its success-	ors and assigns, whereby said Letters Patent will be held and
enjoyed by	said assignee, its successors and assigns, to the fu	ll end of the term for which said Letters Patent may be granted
		enjoyed by the undersigned if this assignment and sale had not
been made.		
W	ITNESS my (our) hand(s) this $\frac{14th}{}$ day of $\frac{1}{}$	November , 2002.
		Lu
Witnesses		LEE, SUNG-KWON
Name:	HYUN, KYUNG-YEOL	41.
		KIM, SANG-IK
2)	LIM, HYE-YOUNG	34
Name:	LIM, HYE-YOUNG	SUH, WEON-JOON

MARSHALL, O'TOOLE, GERSTEIN, MURRAY & BORUN 6300 Sears Tower, 233 South Wacker Drive, Chicago, Illinois 60606-6402