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**REEL: 015223 FRAME: 0973** 

PAT-114X 9/03

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	_		NL'		
TO THE ASSISTANT COMMISSION SIR: PLEASE RECORD THE ATTAC	El 101891	137			
		ENTS OR COPY	THER	EOF.	
1. NAME OF CONVEYING PARTY()  1. Pieter Willem Herman DE JAGER		l o Dieter KDU			
	OCT 2 6 2001 (2)	2. Pieter KRU		AN DER MAST	
5. /// // 12	OCT 2 6 2001 (2)	6.	SHUK VA	AN DEK IMAS I	
7. (0/26/0/3		8.			
ADDITIONAL NAME(S) OF CONVE	WIS PARTY DES) ATTACH	HÉD? ∐YES 区	OND		
	TO CHAIN		•		
2. PARTY(IES) (ASSIGNEE(S)) REC	EIVING INTEREST:				
NAME: ASM LITHOGRAPHY B.V.					
ADDRESS: De Run 1110, NL-5503 L	Δ Veldhoven THE NETHE	EDI ANDS			
7,551,256. 56 Nail 1110, N2 5555 E	A VOIGHOVOH, THE NELTHE	INLANDO			
ADDITIONAL NAME(S) & ADDRESS	(ES) ATTACHED? YES	S ⊠NO			
3. NATURE OF CONVEYANCE (DO	CUMENT):				
(Submit herewith only one docume	ent for recordation—multipl	e copies of same	Assign	nment signed by differ	ent inventors is one
document)		F			
	'HOLE □PART INTE ACSIMILE/PHOTOCOPY	EREST	EXEC.	DATE: September 10	), 2001
	ERIFIED TRANSLATION				
SECURITY MERGER	OTHER:	L	_		
EXECUTION DATE(S) ON THE DEC		EWITH: /NOTE: I	E DAT	ES ON DECLADATIO	N AND
ASSIGNMENT DIFFER SEE ATTY!)	September 10, 2001	( <u>ITOTE</u> . 1	I DAII	LO ON DECLARATIO	IN AIND
4.5 APPL. NO.(S) OR PAT NO.(S). C	THERS ON ADDITIONAL	SHEET(S) attack	hed?	YES ⊠NO	
A. PAT. APP. NO.(S) M#	1st INVENTOR	B. PATENT N		M#	1st INVENTOR
series code/serial no	if not in item 1				if not in item 1
09/925,723 282744					
5. Name & Address of Party to Whom		6. NUMBER			
Concerning Document Should be I	Viailed:	APPLNS 1	<u>1</u> + PA1	rs <u>o</u> = total =	<u>1</u>
Pillsbury Winthrop LLP		7. AMOUNT C	F FEE	ENCLOSED: (Code 5	581)
Intellectual Property Group		ABOVE TO			,
1600 Tysons Boulevard					
McLean, VA 22102		0 15 15 01 75 5			
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9. To the best of my knowledge and be the original document.  Signature Attorney: Jack S. Barufka		10. Total numb cover sheet, at (do not file dup	er of pa tachme	and any attached copy ages <u>including</u> this ents and document r sheet)	is a true copy of
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9. To the best of my knowledge and be the original document.  Signature  Attorney: Jack S. Barufka  Reg. No. 37087  Atty/Sec: JSB/rsp TEL:		10. Total numb cover sheet, at (do not file dup  Date: Octob	per of partachme. Cover	and any attached copy ages including this ents and document sheet)	is a true copy of

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Pillsbury Winthrop LLP Intellectual Property Group 1600 Tysons Boulevard

USA Patent Appin.

For inventions made	outside USA
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Atty. Dkt. P 0282744	P-0200.010-US

Sole or Joint

Client Ref.

McLean, VA 22102

NONPROVISIONAL

## **ASSIGNMENT** OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

the undersigned, to		ollars (\$10.00) and other good a	nd valuable consideration paid to each of
INSERT	(1) Pieter Willem Herman de JA	GFR	(2) Pieter KRUIT
NAME(S) OF	(3) Arno Jan BLEEKER		(4) Karel Diederick van der MAST
INVENTOR(S)	(5)		x box if continued on page 2
the receipt and suff and transfer(s) unto INSERT NAME(S) OF	: ASM Lithography B.V. eL	ith LLC  55 South River Parkway	at the request of, hereby sell(s), assign(s)  25 March 2004  Agere Systems Guardian Corp.  9333 South John Young Parkwa
ASSIGNEE(S)		npe, Arizona 85284	Orlando, Florida 32819-8698
& ADDRESS(ES)		ited States of America	· ·
NOTE → →	THEREBY  for which the undersigned executed  (A) ☑ even date herewith		rhod, AND DEVICE MANUFACTURED
(Complete line A, B and/or C)	(B)	/ file	d
said ASSIGNEE, for its intenthereinafter act on behalf of a ANI essential by ASSIGNEE to A $NOTE \rightarrow The$ recordation of this document	est as ASSIGNEE, its successors, assigns and leg said ASSIGNEE; 0 the undersigned hereby agree(s) to testify and e SSIGNEE'S full protection and title in and to the in undersigned hereby authorize(s) Pillsbury Winthro	als representatives; the undersigned agree xecute any papers for ASSIGNEE, its succ vention hereby transferred.	ntents and Trademarks to issue said Letters Patent to the e(s) that the attorney of record in said application shall essors, assigns and legal representatives, deemed on any further identification necessary or desirable for
<u>INVENT</u> 1):	ORS CL	<u>DATE SIGNED</u> 10 September	WITNESSES 2001
	/illem Herman de JAGER		Janneke Keijzers
2)	74-	1 <u>0 September</u>	2001
Name: <sup>/</sup> Pieter K	RUIT	10.0	Janneke Keijzers
3)	n BLEEKER	1 <u>0 September</u>	
Name: / Arno Jai	DLEERER	• • •	Janneke Keijzers
lame: Karel Di	derick van der MAST	10 September	
) Name:	1 (this		Janneke Keijżers
lame:	Carel D. vander Vive	7	

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NAME(S) OF	(3) Arno Jan BLEEKER	0,102,1	(4) Karel Diederick van der MAST
INVENTOR(S)	(5)		x box if continued on page 2
the receipt and suff and transfer(s) unto		owledged by the undersigned who	at the request of, hereby sell(s), assign(s)  25 March 2004
INSERT	ASM Lithography B.V.	eLith LLC	Agere Systems Guardian Corp.
NAME(S) OF	_ De Run 1110	8555 South River Parkway	
ASSIGNEE(S)	-NL-5503-LA-Veldhoven	Tempe, Arizona 85284	Orlando, Florida 32819-8698
& ADDRESS(ES)	The Netherlands	United States of America	
any and all divisions, conti	nuations, substitutes, and reissues thereof; an	d all resulting patents, known as	D.S.C. 100, in the invention and all applications including
TITLE OF INVENTION	LITHOGRAPHIC APPARATUS THEREBY	S, DEVICE MANUFACTURING MET	HOD, AND DEVICE MANUFACTURED
NOTE → → (Complete	(A) ⊠ even date herewith (B) □ on	uted an application for Letters Pate	nts of the United States of America:
line A, B and/or C)	(C) in U.S. Appin. No.	/ filed	1
said ASSIGNEE, for its inte hereinafter act on behalf of AN essential by ASSIGNEE to	rest as ASSIGNEE, its successors, assigns ar said ASSIGNEE; ID the undersigned hereby agree(s) to testify a ASSIGNEE'S full protection and title in and to e undersigned hereby authorize(s) Pillsbury W	nd legals representatives; the undersigned agree and execute any papers for ASSIGNEE, its succe the invention hereby transferred.	ents and Trademarks to issue said Letters Patent to the (s) that the attorney of record in said application shall essors, assigns and legal representatives, deemed in any further identification necessary or desirable for
1): <u>INVENT</u>	ORS CL	DATE SIGNED 10 September	
	Villem Herman de JAGER		Janneke Keijzers
2)	. //	10 September	2001
Name: / Pieter K	RUIT	_	Janneke Keijzers
Name: Arno Ja	n BLEEKER	10 September	
4) Name:		10.5	Janneke Keijzers
Name: Karel Di	ederick van der MAST	10 September	Janneke Keijzers
5) Name:	1 L		
Name:	laul D. vander Vi	ind	

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McLean, VA 22102

## ASSIGNMENT OF NONPROVISIONAL APPLICATION

**NONPROVISIONAL** 

the undersigned, to	n consideration of the sum of Ten Dollars ( o wit:	\$10.00) and other good and	d valuable consideration paid to each of
INSERT	(1) Pieter Willem Herman de JAGER		(2) Pieter KRUIT
NAME(S) OF	(3) Arno Jan BLEEKER		(4) Karel Diederick van der MAST
INVENTOR(S)	(5)		x box if continued on page 2
and transfer(s) unto INSERT NAME(S) OF	ASM Lithography B.V. eLith De Run 1110 8555 S	), <sup>25</sup>	March 2004  Agere Systems Guardian Corp.  9333 South John Young Parkwa Orlando, Florida 32819-8698
ASSIGNEE(S) & ADDRESS(ES)		States of America	United States of America
(hereinafter designated *A any and all divisions, conti TITLE OF INVENTION	SSIGNEE*) the entire right, title and interest for the United nuations, substitutes, and reissues thereof; and all resulting LITHOGRAPHIC APPARATUS, DEVICE THEREBY  for which the undersigned executed an a	MANUFACTURING MET	HOD, AND DEVICE MANUFACTURED
$\underline{NOTE} \to \to$	(A) 🔀 even date herewith		
(Complete	(B) on		
line A, B and/or C)	(C) in U.S. Appln. No. /	filed	
said ASSIGNEE, for its inte hereinafter act on behalf of AN essential by ASSIGNEE to	ID the undersigned hereby agree(s) to testify and execute a ASSIGNEE'S full protection and title in and to the invention e undersigned hereby authorize(s) Pillsbury Winthrop LLP	resentatives; the undersigned agree( any papers for ASSIGNEE, its success hereby transferred.	s) that the attorney of record in said application shall
INVEN	FORS On The	DATE SIGNED	WITNESSES ()
1):	, lik	10 September	Janneke Kejjzers
	Villem Herman de JAGER		()
2)	COURT	<u> 10 September</u>	2001
Name: Pieter F	(RUII	10 Cantanhan	Janneke Keijzers
3) Name: Arno Ja	nn BLEEKER	10 September	
4) Name: Arno Ja	in bleerer	10 0	Janneke Keijzers
	jederick van der MAST	_ 10_September	Janneke Keijzers
5) Name:	1000		
Name:	Warel D. vander Viver I		<del></del> -

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Client Ref.

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NONPROVISIONAL

## ASSIGNMENT OF NONPROVISIONAL APPLICATION

**NONPROVISIONAL** 

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit: (1) Pieter Willem Herman de JAGER (2) Pieter KRUIT INSERT (3) Arno Jan BLEEKER (4) Karel Diederick van der MAST NAME(S) OF INVENTOR(S) x box if continued on page 2 (5)the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto: 25 March 2004 Agerè-Systems Guardian Corp. INSERT ASM Lithography B.V eLith LLC 9333 South John Young Parkwa De Run 1110 Parkway NAME(S) OF 8555 South River 32819-8698 Tempe, Arizona Orlando, Florida 85284 ASSIGNEE(S) <del>-5503 LA Veldhoven</del> United States of America United States of America & ADDRESS(ES) The Netherlands (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as TITLE OF LITHOGRAPHIC APPARATUS, DEVICE MANUFACTURING METHOD, AND DEVICE MANUFACTURED INVENTION THEREBY for which the undersigned executed an application for Letters Patents of the United States of America: NOTE  $\rightarrow \rightarrow$ (A) keyen date herewith (Complete (B) 🔲 on line A, B and/or C) (C) in U.S. Appin. No. filed AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE; AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred. The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for NOTE  $\rightarrow \dot{\rightarrow}$ recordation of this document. WITNESSES DATE SIGNED INVENTORS 2001 10 September 1): Janneke ers Pieter Willem Herman de Name: 2) 10 September 2001 Pieter KRUIT Janneke Name: 10 September 2001 3) Arno Jan BLEEKER Name: Janneke

10 September 2001

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4) Name

5) Name: Name:

Karel Diederick van der MAST

RECORDED: 04/16/2004

Vall D. vande

Name:

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Janneke Keijzers