



102725953

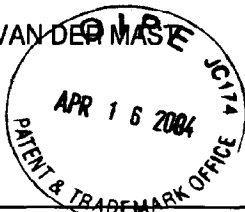
TO THE DIRECTOR OF THE US PATENT AND TRADEMARK OFFICE
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

- 1. Pieter Willem Herman DE JAGER
- 3. Arno Jan BLEEKER
- 5.
- 7.

4.16.04

- 2. Pieter KRUIT
- 4. Karel Diederick VAN DER MASE
- 6.
- 8.



ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: **eLith LLC** and **Agere Systems Guardian Corp.**
 8555 South River Parkway 9333 South John Young Parkway
 Tempe, Arizona 85284 Orlando, Florida 32819-8698

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

- ASSIGNMENT OF WHOLE PART INTEREST
- ORIGINAL FACSIMILE/PHOTOCOPY
- CHANGE OF NAME VERIFIED TRANSLATION

EXEC. DATE: MARCH 25, 2004

SECURITY MERGER OTHER: **CORRECTIVE DOCUMENT - To correct identity of assignee recorded at reel/frame 12288/0949**

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no.	MF	INVENTOR if not in item 1	B. PATENT NO.(S)	MF	1 st INVENTOR if not in item 1
			6,633,366	0282744	DE JAGER

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
Intellectual Property Group
 P.O. Box 10500 McLean, VA 22102

6. NUMBER INVOLVED:
APPLNS 0 + PATS 1 = TOTAL = 1

7. AMOUNT OF FEE DUE: (Code 8021)
ABOVE TOTAL x \$40 = \$40

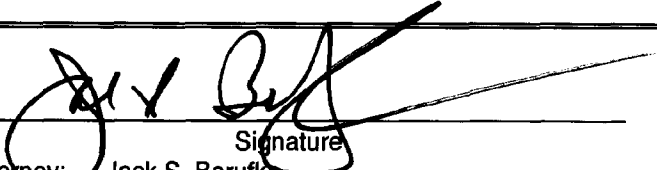
5.5 ATTY DKT:

P 0282744 P-0200.010-US
 MATTER NO. CLIENT REF.

8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT
NUMBER: 03-3975

UNDER ORDER NO 081468 0282744
 dup. sheet not required CLIENT NO. MATTER NO.

9. 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.



Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

6

Attorney: Jack S. Barufka
 Reg. No. 37087
 Atty/Sec: JSB/RSP

Date: April 16, 2004
 TEL: (703) 905-2012 FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)



T
NLY

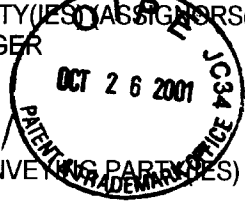
TO THE ASSISTANT COMMISSIONER
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

101891137

1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):

- 1. Pieter Willem Herman DE JAGER
- 2. Pieter KRUIT
- 3. Arno Jan BLEEKER
- 4. Karel Diederick VAN DER MAST
- 5.
- 6.
- 7.
- 8.

10/26/01



ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: ASM LITHOGRAPHY B.V.

ADDRESS: De Run 1110, NL-5503 LA Veldhoven, THE NETHERLANDS

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

- ASSIGNMENT OF
- ORIGINAL
- CHANGE OF NAME
- SECURITY
- WHOLE
- FACSIMILE/PHOTOCOPY
- VERIFIED TRANSLATION
- MERGER
- PART INTEREST
- OTHER:

EXEC. DATE: September 10, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) September 10, 2001

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
09/925,723	282744				

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
Intellectual Property Group
1600 Tysons Boulevard
McLean, VA 22102

6. NUMBER INVOLVED:
APPLNS 1 + PATS 0 = TOTAL = 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT: Tel: (703) 905-2000

P 282744	P-0200.010-US
MATTER NO.	CLIENT REF.

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975		
UNDER ORDER NO	81468	282744
dup. sheet not required	CLIENT NO.	MATTER NO.

9. 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.

Signature

Attorney: Jack S. Barufka

Reg. No. 37087

Atty/Sec: JSB/rsp

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)	2
---	---

Date: October 26, 2001

FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

Please return signed/recorded to:

Pillsbury Winthrop LLP
Intellectual Property Group
1600 Tysons Boulevard

McLean, VA 22102

USA Patent Appln.
Sole or Joint

For inventions made outside USA
executed with or after application

Atty. Dkt. P 0282744

P-0200.010-US

M#

Client Ref.

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:

INSERT NAME(S) OF INVENTOR(S)	(1) Pieter Willem Herman de JAGER	(2) Pieter KRUIT
	(3) Arno Jan BLEEKER	(4) Karel Diederick van der MAST
	(5)	<input type="checkbox"/> x box if continued on page 2

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

INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	ASM Lithography B.V. De Run 1110 NL-5503 LA Veldhoven The Netherlands	eLith LLC 8555 South River Parkway Tempe, Arizona 85284 United States of America	Agere Systems Guardian Corp. 9333 South John Young Parkway Orlando, Florida 32819-8698 United States of America
--	--	---	--

(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
INVENTION

LITHOGRAPHIC APPARATUS, DEVICE MANUFACTURING METHOD, AND DEVICE MANUFACTURED THEREBY

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →
(Complete
line A, B and/or C)

(A) even date herewith
(B) on _____
(C) in U.S. Appln. 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 legal 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.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS	DATE SIGNED	WITNESSES
1) X Name: Pieter Willem Herman de JAGER	10 September 2001	Janneke Keijzers
2) X Name: Pieter KRUIT	10 September 2001	Janneke Keijzers
3) X Name: Arno Jan BLEEKER	10 September 2001	Janneke Keijzers
4) X Name: Karel Diederick van der MAST	10 September 2001	Janneke Keijzers
5) Name: Karel D. van der MAST		Janneke Keijzers

Please return signed/recorded to:

Pillsbury Winthrop LLP
Intellectual Property Group
1600 Tysons Boulevard

McLean, VA 22102

USA Patent Appln.
Sole or Joint

For inventions made outside USA
executed with or after application

Atty. Dkt. P 0282744

P-0200.010-US

M#

Client Ref.

NONPROVISIONAL

ASSIGNMENT
OF NONPROVISIONAL APPLICATION

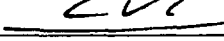
NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) Pieter Willem Herman de JAGER	(2) Pieter KRUIT
	(3) Arno Jan BLEEKER	(4) Karel Diederick van der MAST
	(5)	<input type="checkbox"/> x box if continued on page 2

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

INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	ASM Lithography B.V. De Run 1110 NL-5503 LA Veldhoven The Netherlands	eLith LLC 8555 South River Parkway Tempe, Arizona 85284 United States of America	 Agere Systems Guardian Corp. 9333 South John Young Parkway Orlando, Florida 32819-8698 United States of America
--	--	---	--

(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
INVENTION

LITHOGRAPHIC APPARATUS, DEVICE MANUFACTURING METHOD, AND DEVICE MANUFACTURED THEREBY

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →
(Complete
line A, B and/or C)

(A) even date herewith
(B) on _____
(C) in U.S. Appln. 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 legal 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.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS	DATE SIGNED	WITNESSES
1) Name: <input checked="" type="checkbox"/> Pieter Willem Herman de JAGER	10 September 2001	Janneke Keijzers
2) Name: <input checked="" type="checkbox"/> Pieter KRUIT	10 September 2001	Janneke Keijzers
3) Name: <input checked="" type="checkbox"/> Arno Jan BLEEKER	10 September 2001	Janneke Keijzers
4) Name: <input checked="" type="checkbox"/> Karel Diederick van der MAST	10 September 2001	Janneke Keijzers
5) Name: <input checked="" type="checkbox"/> Karel D. van der MAST		Janneke Keijzers

Please return signed/recorded to:

Pillsbury Winthrop LLP
Intellectual Property Group
1600 Tysons Boulevard

McLean, VA 22102

USA Patent Appln.
Sole or Joint

For inventions made outside USA
executed with or after application

Atty. Dkt. P 0282744 | P-0200.010-US
M# | Client Ref.

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:

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)	<input type="checkbox"/> x box if continued on page 2

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:

INSERT	<u>ASM Lithography B.V.</u>	<u>eLith LLC</u>	<u>Agere Systems Guardian Corp.</u>
NAME(S) OF	<u>De Run 1110</u>	<u>8555 South River Parkway</u>	<u>9333 South John Young Parkway</u>
ASSIGNEE(S)	<u>NL-5503 LA Veldhoven</u>	<u>Tempe, Arizona 85284</u>	<u>Orlando, Florida 32819-8698</u>
& ADDRESS(ES)	<u>The Netherlands</u>	<u>United States of America</u>	<u>United States of America</u>

25 March 2004

(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 INVENTION: LITHOGRAPHIC APPARATUS, DEVICE MANUFACTURING METHOD, AND DEVICE MANUFACTURED THEREBY

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → → (A) even date herewith
(B) on _____
line A, B and/or C) (C) in U.S. Appln. 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 legal 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.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS	DATE SIGNED	WITNESSES
1): <u>X</u> <u>Pieter Willem Herman de JAGER</u>	<u>10 September 2001</u>	<u>Janneke Keijzers</u>
2): <u>X</u> <u>Pieter KRUIT</u>	<u>10 September 2001</u>	<u>Janneke Keijzers</u>
3): <u>X</u> <u>Arno Jan BLEEKER</u>	<u>10 September 2001</u>	<u>Janneke Keijzers</u>
4): <u>X</u> <u>Karel Diederick van der MAST</u>	<u>10 September 2001</u>	<u>Janneke Keijzers</u>
5): <u>X</u> <u>Karel D. van der Mast</u>		

Please return signed/recorded to:

Pillsbury Winthrop LLP
Intellectual Property Group
1600 Tysons Boulevard

McLean, VA 22102

USA Patent Appln.
Sole or Joint

For inventions made outside USA
executed with or after application

Atty. Dkt. P 0282744
M#

P-0200.010-US
Client Ref.

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:

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)	<input type="checkbox"/> x box if continued on page 2

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:

INSERT	ASM Lithography B.V.	eLith LLC	Agere Systems Guardian Corp.
NAME(S) OF	De Run 1110	8555 South River Parkway	9333 South John Young Parkway
ASSIGNEE(S)	NL-5503 LA Veldhoven	Tempe, Arizona 85284	Orlando, Florida 32819-8698
& ADDRESS(ES)	The Netherlands	United States of America	United States of America

25 March 2004

(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 INVENTION

LITHOGRAPHIC APPARATUS, DEVICE MANUFACTURING METHOD, AND DEVICE MANUFACTURED THEREBY

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →
(Complete

(A) even date herewith
(B) on

line A, B and/or C)

(C) in U.S. Appln. 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 legal 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.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS	DATE SIGNED	WITNESSES
1) Name: <u>Pieter Willem Herman de JAGER</u>	<u>10 September 2001</u>	<u>Janneke Keijzers</u>
2) Name: <u>Pieter KRUIT</u>	<u>10 September 2001</u>	<u>Janneke Keijzers</u>
3) Name: <u>Arno Jan BLEEKER</u>	<u>10 September 2001</u>	<u>Janneke Keijzers</u>
4) Name: <u>Karel Diederick van der MAST</u>	<u>10 September 2001</u>	<u>Janneke Keijzers</u>
5) Name: <u>Karel D. van der Mast</u>		