12.17.99

FORM PTO-1595 (modified)

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

RECO

101239015 PAIENIS UNLY U.S. DEPARTMENT OF COMMERCE Patent and Tra

demark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Sang-jun CHOI, Dong-won JUNG, Si-hyeung LEE

Additional name(s) of conveying party(ies) attached? No

3. Nature of conveyance:

Χ Assignment

Security Agreement

Merger

Change of Name

2. Name and address of receiving party(ies):

Name: Samsung Electronics Co., Ltd.

Internal Address:

Street Address: 416 Maetan-dong, Paldal-gu,

City: Suwon-city, Kyungki-do, REPUBLIC OF KOREA

Additional name(s) & address(es) attached? No

Execution Date:

4. Application number(s) or patent number(s):

465926

If this document is being filed together with a new application, the execution date of the application is: November 30. 1999.

A. Patent Application No.(s)

Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Eugene M. Lee

Internal Address: KILE, MCINTYRE, HARBIN & LEE

Street Address: 1101 Pennsylvania Avenue, N.W., Suite 800

City: Washington, State: D.C. ZIP: 20004

6. Total number of applications and patents

involved: **One**

B. Patent No.(s)

7. Total fee (37 C.F.R. § 3.41). \$40.00

Enclosed Х

Authorized to be charged to deposit account

8. Deposit account number: 11-0853

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

/05/2000 DBUTLER 00000043 09465926

Statement and signature.

40.00 op

To the best of my knowledge and belief, the follogoing information is true and correct and any attached copy is a true copy of the original

document.

Eugene M. Lee

Name of Person Signing

Signature

December 17, 1999

Date

Total number of pages including cover sheet, attachments, and document: 2 pages attached, incl. cover

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

> PATENT REEL: 010469 FRAME: 0309

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto SAMSUNG ELECTRONICS CO., LTD.

U.S. Rights -ಶರ್ಣ or J.-

name and address of assignee

416 Maetan-dong, Paldal-gu, Suwon-city,

Kyungki-do, Republic of Korea

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of invention

PHOTOSENSITIVE POLYMER HAVING CYCLIC BACKBONE AND RESIST COMPOSITION COMPRISING THE SAME

as set forth in his United States Patent Application

check one	X	executed concurrently herewith executed on	
		Serial No.	Filed

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith:

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention:

Each of the undersigned hereby grants the firm of KILE, MCINTYRE, HARBIN & LEE the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS				
Name:Sang-jun CHOI	Signature: Sing Jim Choi	Date Nov 31.199		
Name:Dong-won JUNG	Signature: Dany Won Jung	Date: New 30, 1559		
Name:Si-hyeung LEE	Signature: Si hyeung fee	Date: 1.5y 35,1//		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
NAMES AND SIGNATURES OF WITNESSES				
Name:	Signature:	Date:		
Name:	Signature:	Date:		

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

PATENT REEL: 010469 FRAME: 0310

RECORDED: 12/17/1999