

04-05-1999



101001324

Our Ref.: 829-489

Honorable Assistant Commissioner of Patents
Box Assignment, Washington, D.C. 20231

To the Honorable Assistant Commissioner of Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Noriaki Onishi
Aya Miyazaki

Daisaku Matsunaga
Touru Ozaki

Additional name/s of conveying party/ies attached? ☐

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Assignment ☐ Change of Name
☐ Other

Execution Date: 12 January 1999

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

Name: Sharp Kabushiki Kaisha and Nippon Kayaku Co.,
Ltd., respectively

Internal Address:

Street Address: 22-22, Nagaike-cho, Abeno-ku; and 11-2,
Fujimi 1-chome, respectively

City: Osaka and Chiyoda-Ku, respectively

State/Country: Japan and Japan, respectively

Zip: 545-8522 and 102-8172, respectively

Additional name/s & address/es attached? ☐ Yes ☒ No

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

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

A. Patent Application No(s).

- (1) 09/217,187
(2)
(3)

B. Patent No(s).

- (1)
(2)
(3)

Additional numbers attached ☐ Yes ☒ No

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MAR 22 1999
TECHNOLOGY CENTER 2800

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

Name: H. Warren Burnam, Jr.

Internal Address:

Street Address: Nixon & Vanderhye P.C.
1100 North Glebe Road
8th Floor

City: Arlington State: VA Zip: 22201

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41)

\$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.

DO NOT USE THIS SPACE

9. Statements and signature.

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.

H. Warren Burnam, Jr.

Name of Person Signing
Reg. No. 29,366

Signature

February 2, 1999

Date

Total number of pages including original cover sheet, attachments, and documents

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MAR 22 1999

PARMHP 1700

321497

REEL: 9856 FRAME: 0745

ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

1. Noriaki ONISHI; 268-4, Fujiwara-cho, Nara-shi,
Nara-ken Japan
2. Aya MIYAZAKI; Yayoi-ryo, 2613-1, Ichinomoto-cho,
Tenri-shi, Nara-ken Japan
3. Daisaku MATSUNAGA; 4-4-27, Shibaura, Minato-ku,
Tokyo Japan
4. Touru OZAKI; 3-8, Sakurada, Washimiya-machi,
Kitakatsushika-gun, Saitama-ken Japan

has invented and owns a certain invention entitled:

PHOTOINITIATOR, PHOTOPOLYMERIZABLE RESIN COMPOSITION,
POLYMER AND LIQUID CRYSTAL DISPLAY DEVICE

for which application for Letters Patent of the United States was filed on December 22, 1998, and assigned Serial No. 09/217,187 and

WHEREAS, the ASSIGNEE, comprising the following:

1. SHARP KABUSHIKI KAISHA
22-22, Nagaike-cho, Abeno-ku, Osaka 545-8522
Japan
2. NIPPON KAYAKU CO., LTD.
11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo
102-8172 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it

known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this 12th day of January, 1999.

1. Noriaki Onishi
(Noriaki ONISHI)

2. Aya Miyazaki
(Aya MIYAZAKI)

3. Daisaku Matsunaga
(Daisaku MATSUNAGA)

4. Touru Ozaki
(Touru OZAKI)

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

1. Name of conveying party(ies):

Siemens Microelectronics, Inc.

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

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: February 26, 1999

2. Name and address of receiving party(ies)

Name: Siemens Aktiengesellschaft

Internal Address:

Street Address:

City: Munich State: ZIP: Germany

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

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

A. Patent Application No.(s)

Serial No.: 09/103,871

Filing Date: June 24, 1998

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Elsa Keller

Internal Address:

Siemens Corporation

Intellectual Property Department

Street Address: 186 Wood Avenue South

City: Iselin State: NJ ZIP: 08830

6. Total number of applications and patents involved: one

7. Total Fee (37 CFR 3.41) \$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit Account No.

19-2179

04/01/1999 TSHABA77 00000029 192179 09103871

01 FC:581 40.00 CH

DO NOT USE THIS SPACE

9. Statement and signature

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.

Stanton C. Braden, Esq. Reg. No.: 32,556

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

ASSIGNMENT

For good and valuable consideration, We, Siemens Microelectronics, Inc., hereinafter referred to as Assignor, hereby sells, assigns and transfers to Siemens Aktiengesellschaft, a Corporation, organized and existing under the laws of the State of Germany, having its principal place of business in Munich, Germany,

hereinafter referred to as Assignee, its successors, assigns and legal representatives, the entire right, title and interest, in and for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters patent, and which was recorded on reel 9303, frame 0527 on June 24, 1998 ;

Serial No.: 09/103,871

Filed: June 24, 1998

and entitled: Lock Arrangement For A Calabrated DDL In DDR SDRAM Applications

in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said inventions;

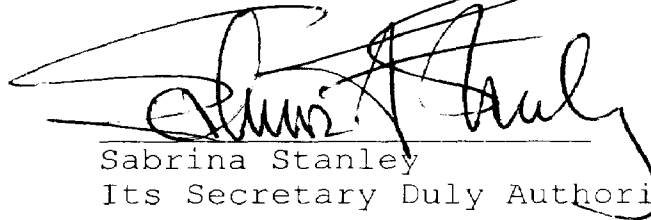
Assignor agrees that Assignee may apply for and receive Letters Patent for said inventions in its own name;

Assignor agrees that, at the request of the Assignee and, without charge to but at the expense of said Assignee, Assignor will carry out in good faith the intent and purpose of this Assignment; execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to Assignee, all facts known to the undersigned relating to said inventions and the history thereof; and generally do everything possible which Assignee shall consider desirable for aiding in securing and mainlining proper patent protection for said inventions and for vesting title to said inventions, and all applications for patents and all patents on inventions in said Assignee;

-2-

Covenant with Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Siemens Microelectronics, Inc.



Sabrina Stanley
Its Secretary Duly Authorized

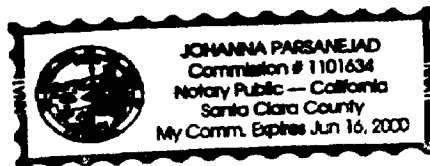
State of California)
County of Santa Clara)

On this 20th day of February 1997, before me, the undersigned Notary Public, duly commissioned and sworn, personally appeared Sabrina Stanley, 9/8

X personally known to me
proved to me on the basis of satisfactory evidence to be the person(~~x~~) whose name(~~x~~) Sabrina Stanley is subscribed to the within instrument, and acknowledged that Sabrina Stanley executed it in her authorized capacity on behalf of the corporation named therein, and that by her signature on the instrument that such corporation executed the same.

WITNESS my hand and official seal.


Notary Public



**PALM INTRANET**

Day : Wednesday
Date: 3/31/1999
Time: 09:52:25

Serial Number InformationSerial Number : **09/217187**Filing Date : **12/22/1998**Examiner Number : **00000**Group Art Unit : **2871**Class/Subclass : **349/.**Date of Abandonment : **00/00/0000**

Appeal Number :

Location Date : **03/31/1999**Status : **022 / UNDOCKETED NEW CASE - TRANSFER INQUIRY MADE**Location : **17G1/TECH CENTER 1700 - TEAM 1**

Charge to Location : /

Station location : **TC-2 TEAM 1**

Title of Invention :

PHOTOINITIATOR, PHOTOPOLYMERIZABLE RESIN COMPOSITION, POLYMER AND LIQUID CRYSTAL DISPLAY DEVICE**Serial
Info**[Contents](#)[Attorney Info](#)[Continuity Data](#)[Foreign Data](#)**Search Another: Serial#** **or Patent#**

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Pat
at

*** APPLICATION INFORMATION DISPLAY ***

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DETAIL
INFORMATION:

CONTENTS:

SC/SN: 09/217187

FILDT: 12/22/98

PATNO: PUBNO:

ISSDT: 00/00/00 PUBDT: 00/00/00

ABNDT: 00/00/00 PGPUB CL/SC: / .

APPL: ONISHI ET AL

LOC: 1711 LOCDT: 03/11/99 BATNO:

CHG-LOC: IE TEAM: 00 ISSNO: 00

CHGTO-NAME: NOT ASSIGNED

TOT ACT: 00 STATUS: 022 STADT: 03/11/99

RESP CD: START DT: / / DUE DT: / /

EXMR NO/NAME: 00000/NOT ASSIGNED

DOCKET DATE: / / GAU: 2871 L R CD: 01

ATTY DOCK #: 829-489 LOST N LOST DT 00/00/00

APPLN TYPE: 1 TYPE SM ENT: 0 UNMAT PET: N

CURR CL/SC: 349/ . FOR PRIOR CL: Y PET FAOM:

TITLE OF INVENTION: UNAVAIL FOR ACTION: N PP UNAVAIL: 0

PHOTOINITIATOR, PHOTOPOLYMERIZABLE RESIN COMPOSITION, POLYMER AND
LIQUID CRYSTAL DISPLAY DEVICE

06 TR.O E 03/11/99

05 OIPE I 02/16/99

04 COMP E 02/12/99

03 INCD O 01/28/99

02 SCAN E 01/08/99

01 IEXX E 12/31/98

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