



12-13-2002



102310610

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Patent Docket No. 230004US3

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

1. Name of conveying party(ies):

Masao OZEKI, Ichiro TAKASAKI and Haruki MORI

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

3. Nature of Conveyance:

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

Execution Date: October 28, 18, 23, 2002

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

Name: OPTREX Corporation

Address: 5-7-18, Higashinippori,
Arakawa-ku Tokyo 116-0014, JapanAdditional name(s) and 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)

10/281,108

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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



22850

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: 15-0030

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

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.

C. Irvin McClelland

Name of Person Signing

Signature

Dec. 6, 2002

Date

Registration Number: 21,124

Joseph A. Scafetta, Jr.
Registration No. 26,803

Total number of pages including this cover sheet: 3

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

12/12/2002 LMUELLER 00000216 10281108

01 FC:8021

40.00 OP

PATENT
REEL: 013562 FRAME: 0048

off 2000
(1000 - 1000 = 0)

Page 1 of 2

WHEREAS, I (WE) 1) Masao Ozeki, 2) Ichiro Takasaki and 3) Haruki Mori

1) and 2) of c/o Asahi Glass Company, Limited,

1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, Japan and

3) of c/o OPTREX Corporation Amagasaki Kojo,

1-2-1, Kamisakabe, Amagasaki-shi, Hyogo, Japan

, respectively,

have invented certain new and useful improvements in: TRANSFLECTIVE COLOR LIQUID CRYSTAL

DISPLAY AND METHOD FOR FABRICATING A SUBSTRATE THEREFOR

for which an application for Letters Patent was executed on October 18, 23 and 28, 2002

(Application No. 10/281,108, filed October 28, 2002), and

WHEREAS, OPTREX Corporation

(hereinafter referred to as "ASSIGNEE") having a place of business at:

5-7-18, Higashinippori, Arakawa-ku Tokyo 116-0014, Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

PATENT
REEL: 013562 FRAME: 0049

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: October 28, 2002

Masao Ozeki
(Signature of Inventor) Masao Ozeki

Date: October 18, 2002

高崎 一郎
(Signature of Inventor) Ichiro Takasaki

Date: October 23, 2002

森 治樹
(Signature of Inventor) Haruki Mori

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202

10/01