

PATENT ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

APPLICATION NUMBER
10/249372

NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name: Lin, Chin-Lung

Execution Date: 04/01/2003

Name: Yang, Chuen-Huei

Execution Date: 04/01/2003

Name: Chen, Ming-Jui

Execution Date: 04/01/2003

Name: Hung, Wen-Tien

Execution Date: 04/01/2003

RECEIVING PARTY DATA

Name: UNITED MICROELECTRONICS CORP.

Street Address: No.3, Li-Hsin Road 2,

Internal Address: Science-Based Industrial Park

City: Hsin-Chu City

State:

Country: TAIWAN

Postal Code:

The USPTO, Office of Public Records, will send correspondence
via facsimile to **FAX NUMBER:** +886-2-2929-5950

CORRESPONDENCE DATA:

*Correspondence will be sent via US Mail when a fax number
has not been provided or the fax attempt is unsuccessful.*

When the customer number has been provided, the Office of Public Records
will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 027765

NAME OF PERSON SIGNING: WINSTON HSU

DATE SIGNED: 04/03/2003

800005928

PATENT
REEL: 013535 FRAME: 0323

Total Attachments: 2

source="NAUP0512ASS1.TIF"

source="NAUP0512ASS2.TIF"

PATENT

REEL: 013535 FRAME: 0324

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration.

ASSIGNORS (Inventors):

Name: Chin-Lung Lin Nationality: R.O.C.

Address: 4F, No. 12, Lane 32, Hsien-Cheng 5th St., Chu-Pei City, Hsin-Chu Hsien, Taiwan, R.O.C.

Name: Chuen Huei Yang Nationality: R.O.C.

Address: No. 19, Lane 270, Sec. 1, Jiann-Guo S. Rd., Taipei City, Taiwan, R.O.C.

Name: Ming-Jui Chen Nationality: R.O.C.

Address: 5F-1, No. 7, Lane 485, Chung-Cheng Rd., Hsin-Chu City, Taiwan, R.O.C.

Name: Wen-Tien Hung Nationality: R.O.C.

Address: 2F, No. 53, Lane 342, Lung-Chiang Rd., Taipei City, Taiwan, R.O.C.

Hereby sells, assigns and transfers to **UNITED MICROELECTRONICS CORP.**

(hereinafter 'Assignee'), of (Assignee address)

No.3, Li-Hsin Road 2, Science-Based Industrial Park, Hsin-Chu City, Taiwan, R.O.C.

, and the successors assigns and legal representatives of the ASSIGNEE the entire right, title, and interest in and to any and all improvements which are disclosed in the invention entitled:

"A PHASE SHIFT MASK
"

Which is found in :

- (a) _____ U.S. patent application executed on even date
- (b) _____ U.S. patent application executed on _____
- (c) _____ U.S. application serial no. _____
- (d) _____ patent no. _____ issued _____

and, in and to, all Letters Patent to be obtained for said invention by the above application or ant continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

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

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

IN WITNESS WHEREOF, We have hereunto set hand and seal this 4/1/2003 (Date of signing).

(Type name of inventor)

Signature of INVENTOR

Chin-Lung Lin

Chin Lung Lin

Chuen Huei Yang

Chuen Huei Yang

Ming-Jui Chen

Ming Jui Chen

Wen-Tien Hung

Wen-Tien Hung