

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

10-03-2001



101864170

U.S. Department of Commerce
Patent and Trademark Office
PATENT

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

U.S. PTO
09/26/01
09/26/01

Submission Type

New *09/26/01*

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached Execution Date
Month Day Year

Name (line 1) Execution Date

Name (line 2)

Second Party

Name (line 1) *09/19/02* Execution Date

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

PATENT
REEL: 012206 FRAME: 0227

09/27/2001
09/26/01
09/26/01
09/26/01

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned. PCT PCT PCT
PCT PCT PCT

Number of Properties

Enter the total number of properties involved. #

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Morton J. Rosenberg

9/25/01

Name of Person Signing

Signature

Date

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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ASSIGNMENT DEED

This Assignment agreement is applicable to an invention entitled (invention Title) CIRCUIT BOARD INDICATOR

The PATENT RIGHTS referred to in this agreement are:

- (Check one) a Patent Application for this invention, executed by the ASSIGNOR(s) concurrently with this Assignment
 - U.S. Patent Application Serial No. _____, filed _____
 - U.S. Patent No. _____, issued _____

The PATENT RIGHTS assigned under this agreement are:

- (Check One) U.S. Patent rights only
 - worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. Patent Application identified above.

The ASSIGNOR(S) referred to in this agreement is (or are):

(Full name of sole or first inventor) CHU, CHIEN CHUNG (FAMILY NAME: CHU)
(Address) 90, CHIEN I ROAD, CHUNG HO, TAIPEI HSIEN, TAIWAN, R.O.C.

(Full name of second joint inventor, if any) WU, WEN CHING (FAMILY NAME: WU)
(Address) 90, CHIEN I ROAD, CHUNG HO, TAIPEI HSIEN, TAIWAN, R.O.C.

(Full name of third joint inventor, if any) CHEN CHUN JEN (FAMILY NAME: CHEN)
(Address) 90, CHIEN I ROAD, CHUNG HO, TAIPEI HSIEN, TAIWAN, R.O.C.

(Full name of fourth joint inventor, if any) LEE LONG KUAN (FAMILY NAME: LEE)
(Address) 90, CHIEN I ROAD, CHUNG HO, TAIPEI HSIEN, TAIWAN, R.O.C.

(Full name of fifth joint inventor, if any) YU YU CHIN (FAMILY NAME: YU)
(Address) 90, CHIEN I ROAD, CHUNG HO, TAIPEI HSIEN, TAIWAN, R.O.C.

(Full name of sixth joint inventor, if any) _____
(Address) _____

(Full name of seventh joint inventor, if any) _____
(Address) _____

(Full name of eighth joint inventor, if any) _____
(Address) _____

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) LITE-ON ELECTRONICS, INC. (CHAIRMAN: RAYMOND SOONG; Family name: SOONG)
(Address of Assignee) 90, CHIEN I ROAD, CHUNG HO, TAIPEI HSIEN, TAIWAN, R.O.C.

The Second ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
(Address of Assignee) _____

The Third ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
(Address of Assignee) _____

The Fourth ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
(Address of Assignee) _____

The Fifth ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
(Address of Assignee) _____

The Sixth ASSIGNEE referred to in this agreement is:
(Name of Assignee) _____
(Address of Assignee) _____

The Seventh ASSIGNEE referred to in this agreement is:
(Name of Assignee) _____
(Address of Assignee) _____

The Eighth ASSIGNEE referred to in this agreement is:
(Name of Assignee) _____
(Address of Assignee) _____

The First ASSIGNEE IS:
(Check One) an individual
 a partnership
 a Corporation of TAIWAN, R.O.C.

(State or Country)

The Second ASSIGNEE is:
(Check One) an individual
 a partnership
 a Corporation of _____
(State or Country)

The Third Assignee is:
(Check One) an individual
 a partnership
 a Corporation of _____
(State or Country)

The Fourth Assignee is:
(Check One) an individual
 a partnership
 a Corporation of _____
(State or Country)

The Fifth Assignee is:
(Check One) an individual
 a partnership
 a Corporation of _____
(State or Country)

The Sixth Assignee is:
(Check One) an individual
 a partnership
 a Corporation of _____
(State or Country)

The Seventh Assignee is:
(Check One) an individual
 a partnership
 a Corporation of _____
(State or Country)

The Eighth Assignee is:
(Check One) an individual
 a partnership
 a Corporation of _____
(State or Country)

The ASSIGNOR(S), in consideration of \$1.00 paid by each ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns:

the full and exclusive right to the invention;

an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS; and

the right to claim priority under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and requests the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(s) as the ASSIGNEE(s) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(s), their successors and assigns.

Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEE(s), or their representatives, any facts known to the ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(s), their successors and assigns, to obtain and enforced proper protection for said invention.

CHU, CHIEN CHUNG CHU, CHIEN CHUNG (CHU IS SEPT. 13, 2001
(Signature of sole or first inventor)FAMILY NAME) (Date)

WU WEN CHING WU, WEN CHING (WU IS FAMILY SEPT. 13, 2001
(Signature of second inventor, if any) NAME) (Date)

CHEN CHUN JEN CHEN CHUN JEN (CHEN IS SEPT. 13, 2001
(Signature of third inventor, if any)FAMILY NAME) (Date)

LEE LONG KUAN LEE LONG KUAN (LEE SEPT. 13, 2001
(Signature of fourth inventor, if any)IS FAMILY NAME) (Date)

YU YU CHIN YU YU CHIN (YU IS FAMILY SEPT. 13, 2001
(Signature of fifth inventor, if any) NAME) (Date)

(Signature of sixth inventor, if any) (Date)

(Signature of seventh inventor, if any) (Date)

(Signature of eighth inventor, if any) (Date)