

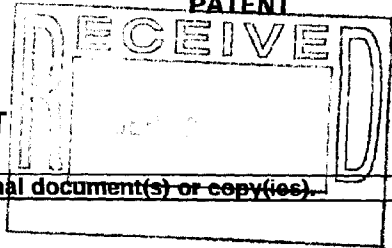
09-23-1999



101152070

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).

Submission Type

☒ New  
☐ 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  
08301999

Name (line 1)

Name (line 2)

Second Party

Execution Date  
Month Day Year  
08301999

Name (line 1)

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

☐ 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 1)

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

09/22/1999 DNGUYEN 00000143 210175 09350389  
01 PC:581 40.00 CH

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: 010250 FRAME: 0210

**Correspondent Name and Address**

Area Code and Telephone Number

714-577-2642

Name

Yale S. Finkle

Address (line 1)

Union Oil Company of California

Address (line 2)

376 S. Valencia Avenue

Address (line 3)

Brea, CA 92823

Address (line 4)

**Pages**

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

#

one

**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)

09350389

Patent Number(s)

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.

#

one

**Fee Amount**

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

40.00

Method of Payment:

Enclosed ☐

Deposit Account ☒

Deposit Account

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

Deposit Account Number:

#

21-0175

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.*

Yale S. Finkle

Name of Person Signing

*Yale S. Finkle*

Signature

9/15/99

Date

ASSIGNMENT

Docket No. 0197023

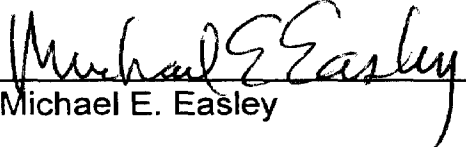
Whereas, we, Michael E. Easley and Ronald E. Plummer, of the cities of Perrin and Decatur, state of Texas, have invented a certain improvement or improvements for which application for Letters Patent of the United States was filed on July 9, 1999, said application being entitled: VERTICAL SEMICONDUCTOR WAFER CARRIER WITH SLATS, and executed by us on 8-30-99, 1999

AND WHEREAS, UNION OIL COMPANY OF CALIFORNIA, dba Unocal, a corporation organized and existing under the laws of the State of California, and having its principal place of business in the City of El Segundo, California, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) each, and other good and valuable considerations, the receipt of which is hereby acknowledged, Michael E. Easley and Ronald E. Plummer, by these presents do sell, assign, and transfer unto the said Unocal our entire and exclusive right, title, and interest in and to the inventions, as described in said application, and in and to said application and any and all other applications for Letters Patent of the United States and foreign countries for said inventions and in and to any and all Letters Patent of the United States and foreign countries granted for said inventions or upon said application or applications; said inventions, applications, and Letters Patent to be held and enjoyed by the said Unocal, for its own use and behoof, and for its assigns, transferees, and legal representatives, to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by us had this sale, assignment, and transfer not been made;

AND, we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said inventions or resulting from any of said applications therefor, to the said Unocal as the assignee of our entire right, title, and interest in and to said inventions and applications.

Executed this 30th day of August, 1999

  
Michael E. Easley

  
Ronald E. Plummer

WORD/YSF/A97023US.AS

RECORDED: 09/20/1999

PATENT  
REEL: 010250 FRAME: 0212