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To the Honorable Commissioner of Patents a

ginal documents or copy thereof.

1. Name of conveying party(ies):

(a) Carlson, David W.

Additional name(s) of conveying party(ies) attached?

Yes No

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

Name: National Semiconductor Corporation

Internal Address: _____

Street Address: 2900 Semiconductor Drive

City Santa Clara State CA ZIP 95052

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

JCS49 U.S. PTO
09/335229
06/17/99

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: June 7, 1999

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: June 7, 1999

A. Patent Application No. (s) -

Title: Light Sensitive Chemical-Mechanical Polishing Apparatus and Method

B. Patent No. (s)

09/335229

Additional numbers attached? Yes No

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

Name: Edward C. Kwok

Internal Address: SKJERVEN, MORRILL, MacPHERSON,

FRANKLIN & FRIEL LLP

Street Address: 25 METRO DRIVE, SUITE 700

City SAN JOSE State CA ZIP 95110

6. Total number of applications and patents involved: 1

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

- Authorized to be charged to Deposit Account 19-2386
- Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid

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8. 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.

Edward C. Kwok 33,938

Name of Person Signing

Signature

6/17/99
Date

Total number of pages comprising cover sheet: 2

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I

David W. Carlson

of

Windham, Maine

hereby sell, assign and transfer to **National Semiconductor Corporation**, a **Delaware** corporation, having a place of business at **2900 Semiconductor Drive, Santa Clara, California 95052**, its successors and assigns, the entire right, title and interest throughout the world in my invention

Light Sensitive Chemical-Mechanical Polishing Apparatus And Method

for which I have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 7th day of June, 1999

David W. Carlson
David W. Carlson

State of Maine)
County of Cumberland) ss.

On ~~June 7, 1999~~ before me, David Carlson personally appeared **David W. Carlson** personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.
Kathleen A. Clemm
SIGNATURE OF NOTARY
Kathleen A. Clemm, Notary Public
State of Maine
My Commission Expires 12/21/2001