

07-13-1998



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

1. Name of conveying party(ies):

Wolfgang K. Hoeld

MRD
6-25-98

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

Name: NATIONAL SEMICONDUCTOR CORPORATION

Internal Address:

Street Address: 2900 Semiconductor Drive

City, State and Zip: Santa Clara, CA 95051

PTO
09/104765
06/25/98

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

Yes No

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Additional Name(s) & address(es) attached?

Yes No

Execution Date: June 19, 1998

4. Application number(s) or patent number(s):

09/104,765

If this document is being filed together with a new application, the execution date of the application is: June 19, 1998

A. Patent Application No.(s)
NEW

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Philip A. Girard

Internal Address: Limbach & Limbach L.L.P.
Street Address: 2001 Ferry Building
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Facsimile: (415) 433-8716

Attorney Docket No. NSC1-E0700 [P03889 (NS3889)]

6. Total number of applications and patents involved: One (1)

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

Enclosed
 Charge any deficiencies in the enclosed fee to
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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

Philip A. Girard, Reg. No. 28,848
Name of Person Signing

June 25, 1998
Date

Total number of pages including cover sheet, attachments and document: 2

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ASSIGNMENT

WHEREAS, I, Wolfgang K. Hoeld, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: CMOS LEVEL DETECTION CIRCUIT WITH HYSTERESIS HAVING DISABLE/ENABLE FUNCTION AND METHOD

Application (Declaration/Oath) Execution Date: 6/19/98
Filing Date: HEREWITH Application No.: NEW

WHEREAS, NATIONAL SEMICONDUCTOR CORPORATION, a corporation of the State of Delaware, 2900 Semiconductor Drive, Santa Clara, CA 95051 hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this assignment and transfer not been made, to the full end and term of any such Letters Patent.

Assignor further agrees that he/she will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Date: 6/19/98 Wolfgang K. Hoeld
Wolfgang K. Hoeld

State of CALIFORNIA
County of SANTA CLARA

On JUNE 22, 1998 before me, WOLFGANG HOELD

personally appeared _____ personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.
Allen R. Triaman
Signature of Notary

