


04-09-2004

Substitute Form PTO-1595
Attorney Docket No.: 14163-015001
Client's Ref No.: I-3437

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R SHEET

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3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 07/01/03 (Schnabel); 06/25/03 (Schaefer)	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 10/386,147 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: FAUSTINO A. LICHAUCO Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804	6. Total number of applications/patents involved: 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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Substitute Form PTO-1595
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8/12/03
Date of Deposit

Carla J. Stiller
Signature

Carla J. Stiller
Typed Name of Person Signing Certificate

ASSIGNMENT

For valuable consideration, we, JOACHIM SCHNABEL of Munich, Germany and ANDRE SCHAEFER of Munich, GERMANY, hereby assign to:

Infineon Technologies AG, a corporation of Germany having a place of business at:

St. Martin Strasse 53
81669 Munich
Germany; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled DIFFERENTIAL CURRENT SOURCE FOR GENERATING DRAM REFRESH SIGNAL, filed March 11, 2003, and assigned U.S. Serial Number 10/386,147, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 20_____

JOACHIM SCHNABEL L.S.

Witness Date

Witness Date

IN WITNESS WHEREOF, I hereto set my hand and seal at Munich,
this 25 day of June, 2003
André Schaefer L.S.
ANDRE SCHAEFER

[Signature] 25.06.03
Witness Date

[Signature] 25.06.03
Witness Date

ASSIGNMENT

For valuable consideration, we, JOACHIM SCHNABEL of Munich, Germany and ANDRE SCHAEFER of Munich, GERMANY, hereby assign to:

Infineon Technologies AG, a corporation of Germany having a place of business at:

St. Martin Strasse 53
81669 Munich
Germany; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled DIFFERENTIAL CURRENT SOURCE FOR GENERATING DRAM REFRESH SIGNAL, filed March 11, 2003, and assigned U.S. Serial Number 10/386,147, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Miami,
this 1 day of July, 2003
Joachim Schnabel L.S.
JOACHIM SCHNABEL

[Signature]
Witness

1st July 2003
Date

[Signature]
Witness

1st July 2003
Date

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 20____

ANDRE SCHAEFER L.S.

Witness

Date

Witness

Date

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