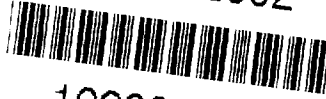


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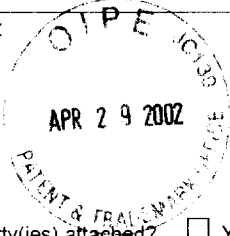
OMB No. 0651-0027 (exp. 5/31/2002)  
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Our File No. 115-10 US

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Stephen J. Kovacic  
Cormac M. O'Connell



2. Name and address of receiving party(ies)

Name: SiGe Semiconductor Inc.

Street Address: 2680 Queensview Drive

City: Ottawa

Province: Ontario

Postal Code: K2B 8J9

Country: Canada

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(s) attached?  Yes  No

Execution Date: April 12, 2002

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:

A. Patent Application No.(s):

10/053,603

B. Patent No.(s):

Additional numbers attached?  Yes  No

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

Name: Freedman & Associates

Street Address: 117 Centrepointe Drive, Suite 350

City: Nepean

Province: Ontario

Postal Code: K2G 5X3

Country: Canada

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

8. Deposit account number:

50-1142

(Attach duplicate copy of this page if paying by deposit account)

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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.

Gordon Freedman, Reg. No. 41,553

April 25, 2002

(Name of Person Signing)

(Signature)

(Date)

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

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

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PATENT  
REEL: 012851 FRAME: 0187

# ASSIGNMENT OF INVENTION UNIVERSAL

WHEREAS, We **Stephen J. Kovacic and Cormac M. O'Connell** whose full post office addresses are respectively, 14 O'Hara Drive, Ottawa, Ontario, K2W 1A2, Canada and 27 Jackson Crescent, Kanata, Ontario, K2K 1B6, Canada, have invented certain improvements in and described in United States Patent Application No. 10/053,603, filed on January 24, 2002 entitled Television Tuner, and;

WHEREAS, **SiGe Semiconductor Inc.** (hereinafter referred to as the assignee), whose full post office address is 2680 Queensview Drive, Ottawa, Ontario, K2B 8J9, Canada is desirous of acquiring the entire right, title and interest in and to said invention or inventions and in and to any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which is hereby acknowledged, we have and by these presents do hereby sell, assign and transfer unto said assignee, its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application, and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions, and any divisional, continuation, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee.

We further agree without any payment by said assignee other than expenses incurred by the undersigned, to communicate to said assignee, its representatives or agents, any facts relating to said invention or inventions, including evidence for interference purposes or for other proceedings, whenever requested; testify in any interference or other proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns.

WITNESS:

Cormac O'Connell  
Printed name of Witness

[Signature]  
Signature of Witness

[Signature]  
Stephen J. Kovacic

Date: April 12, 2002

WITNESS:

Stephen J. Kovacic  
Printed name of Witness

[Signature]  
Signature of Witness

[Signature]  
Cormac M. O'Connell

Date: Apr 12 '02