

Patent and Trademark Office

Form PTO-1595 U.S. Department of Commerce (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof 2. Name and address of receiving party: 1. Name of conveying parties: (1) Jason Abt, (2) Thomas Kapler, (3) Stephen Begg Semiconductor Insights Inc. Name: Internal Address: Additional name(s) of conveying party(ies) attached? U yes no Street Address: 3000 Solandt Road 3. Nature of Conveyance: ■ Assignment □ Merger City: Ottawa State: Ontario Zip Code: K2K 2X2 □ Security Agreement ☐ Change of Name □ Other Country: Canada Execution Dates: (1) October 8, 2002; (2) September 30, Additional name(s) & address(es) attached?

yes no 2002; (3) October 7, 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 (1) October 8, 2002; (2) September 30, 2002; (3) October 7, 2002 A. Patent Application No(s). B. Patent No(s). Additional numbers attached? □ yes 🛛 no 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: one concerning document should be mailed: 7. Total fee (37 C.F.R. § 3.41)......\$ 40.00 Name: Sterne, Kessler, Goldstein & Fox P.L.L.C. Internal Address: 0811.1250000/RES/JTH 10/11/2002 To EDAMU1 00000037 10267994 Authorized to be charged to Deposit Account Street Address: 1100 New York Ave., N.W. 8. Deposit Account Number: Suite 600 19-0036 City: Washington State: D.C. Zip Code: 20005-3934 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. Jeffrey T. Helvey Name of Person Signing Registration No. 44,757 Total number of pages including cover sheet, attachments and document Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231

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ASSIGNMENT

KNOW ALL MEN BY THESE PRESENTS, That Whereas

Jason ABT whose full post office address is, 199 Old Colony Road, Kanata, Ontario, K2L 1M6 Canada.

Thomas KAPLER whose full post office address is 301 - 299 Somerset Street West, Ottawa, Ontario, K2P 2L3, Canada,

7-463 CHURCHIL AVE., OTTAMA, OMANG TRUBY
Stephen BEGG whose full post office address is 1215-100 Hinehey Avenue, Ottawa, Ontario,
KTY 4L9, Canada, and

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have made an invention entitled **Computer Aided Method of Circuit Extraction**, described in an application for Letters Patent of the United States of America executed concurrently herewith; and

WHEREAS Semiconductor Insights Inc., having a place of business at 3000 Solandt Road, Ottawa, Ontario, K2K 2X2, CANADA, hereinafter called ASSIGNEE, is desirous of acquiring the said application for Letters Patent of the United States, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for the said inventions, or any of them;

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable considerations to me paid by ASSIGNEE, the receipt whereof is hereby acknowledged, I do hereby sell, assign, transfer and set over unto ASSIGNEE, its successors and assigns, the entire right, title and interest in, to and under the said application for United States Letters Patent, including all priority rights arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for the said inventions, or any of them.

TO HAVE, HOLD AND ENJOY the said inventions, the said application, and the said Letters Patent to said ASSIGNEE, its successors and assigns, to its and their own use and behoof to the full end of the term or terms for which the said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

And I do hereby authorize and request the Commissioner of Patents of the United States to issue any United States Letters Patent which may be granted on the said application, or any divisional, reissue or continuation applications, or for the said inventions or any of them, to said ASSIGNEE, its successors and assigns, as assignees of the entire right, title and interest therein and thereto.

And I do hereby, for me and for my legal representatives, covenant and agree with ASSIGNEE, its successors and assigns, that I have granted to others no license to make, use or sell any of the said inventions, that my right, title and interest in the said inventions has not been encumbered, that I have good right and title to sell and assign the same, and that I will not execute any instrument in conflict herewith.

And I do hereby, for myself and for my legal representatives, further covenant and agree with ASSIGNEE, its successors and assigns, that upon request I will, and they shall, execute divisional, reissue or continuation applications, amended specifications, or rightful oaths; communicate to ASSIGNEE, its successors and assigns, any facts known to me relating to the said inventions or the history thereof; execute preliminary statements and testify in any interference proceedings; execute and deliver any application papers, assignments, or other instruments, and do all other acts which, in the opinion of counsel for ASSIGNEE, may be necessary or convenient to secure the grant of Letters Patent to ASSIGNEE, its successors and assigns, or its nominees, in the United States and in all other countries where ASSIGNEE may desire to have the said inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for ASSIGNEE, and to vest and confirm in ASSIGNEE, its successors and assigns, or its nominees, the full and complete and equitable title to all such

PATENT REEL: 013373 FRAME: 0407 Letters Patent, without further consideration than now paid but at the expense of ASSIGNEE, its successors or assigns.

The undersigned hereby authorizes the firm of Sterne, Kessler, Goldstein & Fox to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this assignment suitable for recordal in the United States Patent and Trademark Office.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this day of October., 2002.

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.

Name of Witness: Michael McCartney
Signature of Witness: Michael Milothy
Address of Witness: 4-344 fifth ove. Others Ordanio Canada.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this have been set my hand and seal this 2002.

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.

Name of Witness: Michael McCartney

Signature of Witness: Michael Mirothy Address of Witness: 4-344 Fifth ave Ottawa, Ontara Canada

PATENT REEL: 013373 FRAME: 0408

IN WITNESS WHEREOF, III	have hereunto set my hand and seal this , 2002.	
	Stephen BEGG	_

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.

RECORDED: 10/10/2002

Name of Witness: Michael M. Cardney
Signature of Witness: Michael Mitorthy,
Address of Witness: 4-344 Fifth are. Othawa, Ordania, Canada

PATENT REEL: 013373 FRAME: 0409