Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office					
DOCKET NO.: G051 RECORDATION FORM COVER SHEET PATENTS ONLY						
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.						
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)					
SPEEDGATE, INC	Name: MENTOR GRAPHICS CORPORATION					
	Internal Address:					
Additional name(s) of conveying party(les) attached? Yes 🗸 No						
3. Nature of conveyance/Execution Date(s):	Street Address: 8005 SW BOECKMAN ROAD					
Execution Date(s) MARCH 24, 2008						
Assignment Merger						
Security Agreement Change of Name	City: WILSONVILLE					
Joint Research Agreement	State: OREGON					
Government Interest Assignment	Country: <u>UNITED STATES</u> Zip:97070-7777					
Executive Order 9424, Confirmatory License	Country: <u>UNITED STATES</u> Zip: <u>97070-7777</u>					
Other	Additional name(s) & address(es) attached? Yes Vo					
4. Application or patent number(s):	document is being filed together with a new application.					
A. Patent Application No.(s)	B. Patent No.(s)					
	6,477,698 6,557,160					
	7,185,308					
Additional numbers at	iached? ☐ Yes ✔ No					
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:					
Name:MICHAEL O. SCHEINBERG	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 120.00					
internal Address:	Authorized to be charged by credit card					
	Authorized to be charged to deposit account					
Street Address: P.O. BOX 164140	Enclosed					
	None required (government interest not affecting title)					
City: AUSTIN	8. Payment Information					
State: <u>TEXAS</u> Zip: <u>78716-4140</u>	a. Credit Card Last 4 Numbers Expiration Date					
Phone Number: <u>(512) 637-0800</u>	b. Deposit Account Number <u>50-1635</u>					
Fax Number: <u>(512) 306-1963</u>						
Email Address: MSCHEINBERG@SGNLAW.COM	Authorized User NameMiCHAEL O. SCHEINBERG					
9. Signature: Muli O SVZ	4/7/08					
Signature	Date					
MICHAEL O. SCHEINBERG Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:					

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1460

PATENT

REEL: 020762 FRAME: 0784

PATENT ASSIGNMENT

WHEREAS, Speedgate, Inc. (hereinafter Assignor), a corporation organized under the laws of Delaware, having offices at 9708 Indigo Brush Drive, Austin, TX 78726 warrants and states it is the sole and exclusive owner of the following patents (hereinafter called the Patent Properties):

Palents Pale in the control of the c				
	Title	Country Code	Issue Date	Patent Number
1	Encapsulation Of HDL Process Descriptions to Provide Granularity at the Process Level	US	5 Nov 2002	6,477,698
2	Correlation Of Behavioral HDL Signals	US	29 April 2003	6,557,160
3	Correlation Of Behavioral HDL Signals	US	27 Feb 2007	7,185,308

and

WHEREAS, Menter Graphics Corporation (hereinafter Assignee), a corporation organized under the laws of the state of Oregon, having a place of business at 8005 SW Boeckman Road, Wilsonville, OR 97070-7777, desires to acquire the entire right, title and interest in and to said Patent Properties and worldwide rights in the inventions described therein.

For good and valuable consideration, receipt of which is acknowledged, Assignor does hereby assign to Assignee the entire right, title and interest in and to each and all of the Patent Properties identified above, including all worldwide rights thereto, rights of priority therein and to file for protection of inventions set forth therein under the Patent Cooperation Treaty and under any other treaty or laws of any country, and in and to any and all letters patent which may be granted therefor, and any divisions, continuing applications, reexaminations, reissues, or extensions thereof, the same to be held and enjoyed by Assignee, its successors, or assignees, to the full end of the term or terms for which any and all letters patent may be granted, together with all claims against third parties for damages by reason of past infringement of any one or more of

PATENT ASSIGNMENT - Page 1 of 3

PATENT REEL: 020762 FRAME: 0785 said Patent Properties with the right to sue for and collect the same for Assignee's own use and for the use of Assignee's successors, assigns and other legal representatives.

Assignor covenants and agrees in favor of Assignee and its successors that at any time upon the request of Assignee or its successors, Assignor will, at Assignee's expense, communicate to Assignce or its successors all information known to Assignor relating to the Patent Properties, execute and deliver all papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts necessary including: (i) to execute papers reasonably required by Assignee to perfect title to the Patent Properties, including divisions and continuations thereof and to any and all letters patent which may be granted therefor or thereon, in any country, including reissues or extensions, in Assignee or its successors; (ii) to assist Assignee or its successors in obtaining, maintaining, confirming or enforcing by reissue or reexamination a grant of a valid United States Patent to Assignee on said Patent Properties; and (iii) to assist Assignee in connection with any interference which may be declared concerning said Patent Properties and any letters patent which may be granted therefor or thereon, or any confirmation, division, continuation, reexamination or reissue thereof; (iv) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar treaties or agreements.

PATENT ASSIGNMENT - Page 2 of 3

PATENT REEL: 020762 FRAME: 0786 IN WITNESS WHEREOF, the Assignor executes this Assignment effective as of the date below:

ASSIGNOR	
Don July	
Signapore	
Dean A Freed	
Authorized Representative	
Title	_
3-24-08	

Subscribed and Sworn to Before Me this Author 12008

Notary Public

My Commission Expires 3-3-311

OFFICIAL SEAL
MIRANDA TAYLOR
NOTARY PUBLIC-OREGON
COMMISSION NO. 414159
MY COMMISSION EXPIRES MARCH 23, 2011

PATENT ASSIGNMENT - Page 3 of 3

PATENT

REEL: 020762 FRAME: 0787