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FORM PTO -1595 R€	J.S. DEPARTMENT OF COMMERCE				
(Rev. 3/01) OMD NO. 0651-0011 exp. 5/31/2002)	Patent and Trademark Office				
, , , , , ,	2002.0				
To the Honorable Commissioner of Patents and Trademarks. F	Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies):	Name and address of receiving party(ies):				
James J. Gard	Name: Mentor Graphics, Corporation				
Mark W. Jensen					
Mark W. Jensen Stephen Olsen 4 5 7					
Mark Saunders					
Additional name(s) of conveying party(ies) attached?	Internal Address: 8005 SW Boeckman Drive				
■ No □Yes					
3. Nature of Conveyance	Street Address:				
Assignment Merger Security Agreement Change of Name	Other Wilesmeille Chate/Provence: OP Zin: 07070 777				
☐ Security Agreement ☐ Change of Name	City: Wilsonville State/Provence: OR Zip: 97070-777				
☐ Other:	Country:				
Execution Date(s): October 30, 2001, October 30,	Additional name(s) & address(es) attached?				
2001, October 30, 2001 and October 30, 2001					
4. Application Number(s) or patent number(s):	ion the avecution data of the application is:				
If this document is being filed together with a new applicat					
A. Patent Application No.(s) 09/895,364	B. Patent No.(s)				
Additional numbers a	attached? Yes No				
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1				
concerning document should be mailed:	를 하는 다른				
Marina Portnova	7. Total Fee (37 CFR 3.41)\$40.00				
Name: Blakely, Sokoloff, Taylor & Zafman LLP	■ Enclosed				
Internal Address: 12400 Wilshire Boulevard, 7 th Floor	☐ Authorized to be charged to deposit account				
City: Los Angeles State: California Zip: 90025	Deposit Account Number:				
City. Los Angeles State. Camorina 2.p. 90023	02-2666				
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Statement and signature. To the best of my knowledge and believe, the foregoing is true document	and correct and any attached copy is a true copy of the original				
	n 1				
Marina Partnava Pag No. 45 750	Portuova 3-2702				
Marina Portnova, Reg. No. 45,750 Name of Person Signing Signature Date					
Total number of pages including cover sheet, attachments, and document: 3					
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Mail documents to be recorded with required cover sheet information to: Assistant Commissioner of Patents, Box Assignments Washington, D.C. 20231

Atty Docket No. 002282.P124 04/18/2002 TDIAZ1 00000069 09895364 40.00 DP 01 FC \$581

> **PATENT REEL: 012784 FRAME: 0982**

FORM PTO-1595 (Rev. 3/01) OMD NO. 0651-0011 exp. 5/31/2002)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of Patents and Trader	marks. Please record the attached original documents or copy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies):
James J. Gard	Name: Mentor Graphics, Corporation
Mark W. Jensen	
Stephen Olsen	
Mark Saunders	
Additional name(s) of conveying party(ies) attached? ■ No □Yes	Internal Address: 8005 SW Boeckman Drive
3. Nature of Conveyance	Street Address:
Assignment Merger	
☐ Security Agreement ☐ Change of Na	ame City: <u>Wilsonville</u> State/Provence: <u>OR</u> Zip: <u>97070-777</u>
☐ Other:	Country
Execution Date(s):	Country: Additional name(s) & address(es) attached?
A. Patent Application No.(s) 09/895,364	application, the execution date of the application is: B. Patent No.(s) JAN - 4 2002 mbers attached? Yes No.
Name and address of party to whom corresponder concerning document should be mailed: Marina Portnova	
Name: Blakely, Sokoloff, Taylor & Zafman LL	P 7. Total Fee (37 CFR 3.41)\$40.00
Internal Address:	■ Enclosed
Street Address: 12400 Wilshire Boulevard, 7th F	loor Authorized to be charged to deposit account
City: Los Angeles State: California Zip: 900	8. Deposit Account Number:
	02-2666
	(Attach duplicate copy of this page if paying by deposit account)
DC	NOT USE THIS SPACE
Statement and signature. To the best of my knowledge and believe, the foregoing document	g is true and correct and any attached copy is a true copy of the original
	Lu Park a series
Marina Portnova	November 16, 2001 Signature Date
	uding cover sheet, attachments, and document: 3

Assistant Commissioner of Patents, Box Assignments
Washington, D.C. 20231

Atty Docket No. 002282.R124

01/10/2002 LNUELLER 00000182 09895364

01 FC:581

PATENT REEL: 012784 FRAME: 0983

Attorney	/'s	Docket
ALLOHIC	, ,	DOUNCE

ASSIGNMENT

PATENT

No.: 002282.P124 (For Execution After Filing Patent Application)

In consideration of good and	valuable consideration, the receipt of which is hereby
acknowledged, we	
the undersigned, James J. Gard,	Mark W. Jensen, Stephen Olsen and Mark Saunders
hereby sell, assign, and transfer to	Mentor Graphics, Corp.
a corporation of Oregon	, having a principal place of business at
United States and all foreign countries the application for the United States Application No. 09/895,364 and is	
A DEBUGGER FOR A HARDWA	RE-IMPLEMENTED OPERATING SYSTEM

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Rev. 01/01/2000 (A2)

Date: October 30th	, 20 <u>0/</u>	Wame: James J. Gard
Date: 10/30/01	, 20	Name: Mark W. Jensen
Date: October 30th	, 20 0/	Name: Stephen Olsen
Date: October 30th	, 20 <u>01</u>	Mark Saunders

Rev. 01/01/2000 (A2)

Attorney's Docket	ocket		1'5	e١	rn	0	٩t۱	£
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ASSIGNMENT

PATENT

No.: 002282.P124 (For Execution After Filing Patent Application)

In consideration of good and valuable co	onsideration, the receipt of which is hereby
acknowledged, we	
the undersigned,James J. Gard, Mark W. J	ensen, Stephen Olsen and Mark Saunders
hereby sell, assign, and transfer to Mentor Gra	phics, Corp.
a corporation of Oregon	, having a principal place of business at
8005 SW Boeckman Drive, Wilsonville, OR 97 and its successors, assigns, and legal represent United States and all foreign countries, in and to the application for the United States patent that Application No. 09/895,364 and is entitled	tatives, the entire right, title, and interest for the any and all improvements that are disclosed in
A DEBUGGER FOR A HARDWARE-IMPLE	MENTED OPERATING SYSTEM

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Rev. 01/01/2000 (A2)

.Date: October 30th	, 20 <u>01</u>	Sames for Gard
Date: 10/30/01	, 20	Name: Mark W. Jensen
Date: October 30th	, 20 %	Alyn Olsi
Date: October 30th	, 20 <u>01</u>	Name: Stephen Olsen Name: Mark Saunders

- 2 -

Rev. 01/01/2000 (A2)

RECORDED: 04/05/2002