

06-28-2004



Form PTO-1592 (modified)

102777934

Attorney Docket No. 003921.00186

ached original documents or copies thereof:

1. Name of Conveying Party or Parties:

Vladimir V. PETUNIN
Charles L. PFEIL

Additional Names of conveying party or parties attached?

☐ Yes ☒ No

2. Name and address of receiving party or parties:

Mentor Graphics Corporation
8005 SW Boeckman Drive
Wilsonville OR 97070-7777Additional Name(s) and address(es) attached? ☐ Yes ☒ No16834 U.S. PTO
10/869923

061804

3. Nature of Conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Execution Dates: June 17, 2004, and June 17, 2004,
respectively

6-18-04

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: June 17, 2004, and June 17, 2004, respectively

A. Patent Application Number(s):

Additional Patents and applications listed on Schedule A attached? ☐ Yes ☒ No

B. Patent Number(s):

10869923

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

Banner & Witcoff, Ltd.
1001 G Street, N.W., 11th Floor
Washington, D. C. 20001

6. Total Number of Applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40



Enclosed



Authorized to be charged to deposit account



Please charge or credit our deposit account for any additional or refunded fees associated with recording this assignment

8. Deposit Account No.:

19-0733 (in the event additional fees are required)

(Duplicate copy of this page attached 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.

H. Wayne Porter, Reg. No. 42,084

Name of Person Signing

Signature

June 18, 2004

Date

Total Number of Pages comprising Cover Sheet: 1

06/24/2004 MBETACHE 00000133 190733 10869923

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PATENT
REEL: 015493 FRAME: 0178

ASSIGNMENT

WHEREAS, We,

Vladimir V. Petunin of 1429 Venice Lane, Longmont, Colorado 80503, USA,
and Charles L. Pfeil of 1153 Harper Lake Drive, Louisville, Colorado 80027, USA are
inventors of a certain invention, entitled:

**PROTECTION BOUNDARIES IN A PARALLEL PRINTED CIRCUIT
BOARD DESIGN ENVIRONMENT**

☒ an application for a United States patent for said invention having been
executed by each of us on the same dates, respectively, that we have executed this
Assignment, said application having attorney docket number 003921.00186; or

☐ filed on _____ and given U.S. Patent Application No.
_____ and

WHEREAS, Mentor Graphics Corporation, a corporation organized under the
laws of Oregon, having a place of business at 8005 SW Boeckman Drive, Wilsonville,
Oregon 97070-7777, desires to acquire full and exclusive interest therein:

NOW, THEREFORE, in view of exchanged good and valuable consideration, the
receipt of which is hereby acknowledged, we, the inventors identified above and signing
below hereby sell and assign to Mentor Graphics Corporation all rights and title to said
invention, patent application and derivative patent(s) and like rights throughout the
world, including all patent priority rights (including without limitation the right to file
and prosecute applications under the Paris Convention, the Patent Cooperation Treaty and
other applicable agreements), the right to file and prosecute applications under the
European Patent Convention, the right to file and prosecute all related applications
(including without limitation divisions, continuations, reexaminations, reissues and
extensions), and the right to receive all letters patent and like rights granted on any of
said applications, to be held and enjoyed by Mentor Graphics Corporation for its own use
and benefit, and for its successors and assigns to the full end of the term for which patent
may be granted in any country, as fully and entirely as the same would have been held by
us had this assignment and sale not been made, and covenant that we have full right to
execute this Assignment and that we have not executed and will not execute any

agreement or do anything in conflict herewith, and agree that we will communicate to Mentor Graphics Corporation, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all documents respecting such applications, make all rightful oaths, and do everything possible to aid Mentor Graphics Corporation, its successors and assigns to obtain and enforce proper patent protection for said invention in any country.

We hereby grant Mentor Graphics Corporation and its lawful agent the power to insert into this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed on the date(s) opposite our respective signatures below:

V. Pechenin
Vladimir V. Pechenin

6/17/2004
Date

Charles L. Pfeil

Date _____

ASSIGNMENT

WHEREAS, We,

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and **Charles L. Pfeil** of 1153 Harper Lake Drive, Louisville, Colorado 80027, USA are
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world, including all patent priority rights (including without limitation the right to file
and prosecute applications under the Paris Convention, the Patent Cooperation Treaty and
other applicable agreements), the right to file and prosecute applications under the
European Patent Convention, the right to file and prosecute all related applications
(including without limitation divisions, continuations, reexaminations, reissues and
extensions), and the right to receive all letters patent and like rights granted on any of
said applications, to be held and enjoyed by Mentor Graphics Corporation for its own use
and benefit, and for its successors and assigns to the full end of the term for which patent
may be granted in any country, as fully and entirely as the same would have been held by
us had this assignment and sale not been made, and covenant that we have full right to
execute this Assignment and that we have not executed and will not execute any

agreement or do anything in conflict herewith, and agree that we will communicate to Mentor Graphics Corporation, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all documents respecting such applications, make all rightful oaths, and do everything possible to aid Mentor Graphics Corporation, its successors and assigns to obtain and enforce proper patent protection for said invention in any country.

We hereby grant Mentor Graphics Corporation and its lawful agent the power to insert into this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

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Vladimir V. Petunin

Date



Charles L. Pfeil



Date