

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT | | | | | | | | | | | | |
|---|---|---------------|------------------------------|------------------------|----------------------|-------------------|-------------|-------|---------------|----------------|------------|--------------|-------|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the omission of schedule 101.1 (d), which is now being submitted previously recorded on Reel 021901 Frame 0721. Assignor(s) hereby confirms the assignment from Conexant Systems, Inc. to Mindspeed Technologies, Inc.. | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"><tr><th>Name</th><th>Execution Date</th></tr><tr><td>Conexant Systems, Inc.</td><td>06/27/2003</td></tr></table> | | Name | Execution Date | Conexant Systems, Inc. | 06/27/2003 | | | | | | | | |
| Name | Execution Date | | | | | | | | | | | | |
| Conexant Systems, Inc. | 06/27/2003 | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"><tr><td>Name:</td><td>Mindspeed Technologies, Inc.</td></tr><tr><td>Street Address:</td><td>4000 MacArthur Blvd.</td></tr><tr><td>Internal Address:</td><td>M/S E10-005</td></tr><tr><td>City:</td><td>Newport Beach</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>92660</td></tr></table> | | Name: | Mindspeed Technologies, Inc. | Street Address: | 4000 MacArthur Blvd. | Internal Address: | M/S E10-005 | City: | Newport Beach | State/Country: | CALIFORNIA | Postal Code: | 92660 |
| Name: | Mindspeed Technologies, Inc. | | | | | | | | | | | | |
| Street Address: | 4000 MacArthur Blvd. | | | | | | | | | | | | |
| Internal Address: | M/S E10-005 | | | | | | | | | | | | |
| City: | Newport Beach | | | | | | | | | | | | |
| State/Country: | CALIFORNIA | | | | | | | | | | | | |
| Postal Code: | 92660 | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1"><tr><th>Property Type</th><th>Number</th></tr><tr><td>Patent Number:</td><td>6684320</td></tr></table> | | Property Type | Number | Patent Number: | 6684320 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Patent Number: | 6684320 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| Fax Number: (949)579-6442 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 9495793291 Email: Keith.Kind@Mindspeed.com Correspondent Name: Keith Kind Address Line 1: 4000 MacArthur Blvd. Address Line 2: M/S E10-005 Address Line 4: Newport Beach, CALIFORNIA 92660 | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | MINDSPEED 8 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Keith Kind | | | | | | | | | | | | |

CH \$40.00 6684320

500729827

PATENT
REEL: 021965 FRAME: 0825

Total Attachments: 6

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PATENT

REEL: 021965 FRAME: 0826

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) Conexant Systems, Inc. | | 2. Name and address of receiving party(ies) Name: <u>Mindspeed Technologies, Inc.</u> Internal Address: <u>M/S E10-005</u> | |
| Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Street Address: <u>4000 MacArthur Blvd.</u> | |
| 3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>June 27, 2003</u> <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input checked="" type="checkbox"/> Other Corrective Document | | City: <u>Newport Beach</u> State: <u>CA</u> Country: <u>USA</u> Zip: <u>92660</u> | |
| Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) The undersigned declares the information on this cover sheet is true and correct and have attached a true copy of the original cover sheet and assignment. B. Patent No.(s) <u>6,684,320</u> This is to correct Reel 014568 Frame 0275 | | | |
| Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Keith Kind, Reg. No. 42,735</u> Internal Address: <u>M/S E10-005</u> Street Address: <u>4000 MacArthur Blvd.</u> City: <u>Newport Beach</u> State: <u>CA</u> Zip: <u>92660</u> Phone Number: <u>949 579 3291</u> Fax Number: <u>949 579 6442</u> Email Address: _____ | | 6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) | |
| 9. Signature: <u>Dennis R. Gallagher</u> Signature Dennis Gallagher Name of Person Signing | | 8. Payment Information Deposit Account Number <u>500835</u> Authorized User Name <u>Dennis Gallagher</u> Total number of pages including cover sheet, attachments, and documents: <u>4</u> | |

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 1450, Alexandria, V.A. 22313-1450

10-07-2003

Docket No.: NA

EET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



Tab settings

To the Honorable Commissioner of Patents and Trademarks 102568282

One attached original documents or copy thereof.

1. Name of conveying party(ies):
Conxant Systems, Inc.

9.26.03

2. Name and address of receiving party(ies):

Name: Mindspeed Technologies, Inc.

Internal Address: M/S E09/906

Street Address: 4000 MacArthur Blvd.

City: Newport Beach State: CA ZIP: 92660

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: June 27, 2003

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

See Attached List

09467139

Additional numbers attached? ☒ Yes ☐ No

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

Name: Keith Kind

Internal Address: M/S E09-906

Street Address: 4000 MacArthur Blvd.

City: Newport Beach State: CA ZIP: 92660

6. Total number of applications and patents involved: 264

7. Total fee (37 CFR 3.41): \$ 10,560.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

501867

10/05/2003 DATE 00000113 301007 05487139

01 EC:0021 10560.00 DA

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.

Keith Kind

Name of Person Signing

Signature

September 26, 2003

Date

Total number of pages including cover sheet, attachments, and document: 8

PATENT

REEL: 021965 FRAME: 0828

**ASSIGNMENT OF INVENTIONS, PATENTS, PATENT APPLICATIONS,
TRADEMARKS AND COPYRIGHTS**

WHEREAS, CONEXANT SYSTEMS, INC. ("Assignor"), a Delaware corporation with an office at 4311 Jamboree Road, Newport Beach, California 92660-3095, owns or has rights to certain inventions, patents, patent applications, trademarks and copyrights identified in the attached Schedule entitled "IP SCHEDULE 101.1(d)";

WHEREAS, MINDSPEED TECHNOLOGIES, INC. ("Assignee"), a Delaware corporation with an office at 4000 MacArthur Blvd., Newport Beach, California 92660-3095, wishes to acquire full rights and ownership of said inventions, patents, patent applications, trademarks and copyrights.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor grants, conveys, assigns and transfers to the Assignee and the Assignee's successors and assigns, ~~Assignee's~~ ^{Assignor's} entire right, title and interest in and to said inventions, patents, patent applications and associated invention disclosures of the same, trademarks, together with the good will of the business symbolized by the mark, and copyrights listed on the attached Schedule identified as "IP SCHEDULE 101.1(d)", including all corresponding applications such as continuations, continuations-in-part, divisionals, provisionals, reissues, reexaminations thereof and the subject matter of any and all claims which may be obtained in every such patent, as well as all corresponding foreign patents, foreign patent applications, foreign trademarks registrations, foreign trademark applications in whatever jurisdictions in which the same exist along with all rights of priority and the right to file applications for patents, trademarks and copyrights based thereon and to prosecute such applications and receive patents, trademark registrations and copyright registrations thereon in its own name, all of the same to be held and enjoyed by the said Assignee, its successors, assigns or other legal representatives, for its own use and advantage, and for the use and advantage of its successors, assigns or other legal representatives, to the end of the term or terms for which patents, trademark registrations and copyright registrations are or may be granted, re-issued or re-examined, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment not been made, including all rights to profits and damage by reason of past infringement by any party or parties, with the right to sue and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives, along with any and all of Assignor's rights under the assigned copyrights to publish, reproduce, display, transmit, adapt, sell, prepare derivative works, distribute, perform or otherwise make use of such assigned work or portions thereof throughout the world in any form or medium, and in any language, and to license the assigned copyrights to others, for the entire term of copyright, including any renewals and extension. Where permitted by law, Assignor waives any applicable moral rights.

UPON SAID CONSIDERATION, Assignor appoints Assignee and Assignee's successors and assigns as its attorney-in-fact to act in Assignor's name and place to execute, deliver and record any document or instrument of assignment or conveyance necessary to perfect, grant, and confirm the rights granted herein, and Assignor conveys to the Assignee the right to make application, prosecute, receive and enforce in its own behalf and name the inventions, patents, patent applications and trademarks of "IP SCHEDULE 101.1(d)" in the United States and all foreign countries and to claim priority therefrom under the Patent Cooperation Treaty, the International Convention and/or any other international arrangement.

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be duly executed by one of its officers on the date shown below.

CONEXANT SYSTEMS, INC.

By

Dennis E. O'Reilly
Name

Senior Vice President, General Counsel
Title and Secretary

MINDSPEED TECHNOLOGIES, INC.

By

Bradley W. Yates
Name

Senior Vice President and Chief
Title Administrative Officer

Date: June 27, 2003

MINDSPEED

February 6, 2008

Conexant Systems, Inc.
4311 Jamboree Road
Newport Beach, CA 92660

Keith Kind
Mindspeed Technologies, Inc.
4000 MacArthur Blvd.
Newport Beach, CA 92660

The purpose of this letter (this "Amendment") is to amend that certain Assignment of Invention, Patents, Patent Applications, Trademarks and Copyrights from Conexant Systems Inc., to Mindspeed Technologies, Inc., dated June 27, 2003 (the "Assignment"). This Amendment is to correct a typographical error in the Assignment. This Amendment constitutes the first letter amendment to the Assignment.

By Signing below, you hereby agree that the fifth word of the third line of the third paragraph ("Assignee's") is deleted and replaced with "Assignor's."

Sincerely,

MINDSPEED TECHNOLOGIES, INC.,
a Delaware corporation

By: 


Name: Keith Kind

Title: Vice President, Chief IP Counsel

Acknowledged and Agreed:

Date: February 6, 2008

CONEXANT SYSTEMS, INC.
a Delaware corporation

By: 

Name: Dennis R. Gallagher

Title: IP Counsel

MINDSPEED TECHNOLOGIES, INC., 4000 MACARTHUR BLVD., EAST TOWER, NEWPORT BEACH, CA 92660

PATENT
REEL: 021965 FRAME: 0830

Schedule 1.01(d)
Patents

| Docket ID | Title | Application No | Application Date | Grant No. | Grant Date |
|-----------------|--|-----------------|------------------|-----------|-------------|
| 00CXT0003N/US | Alignment of Parallel Data Channels Using Header Detection Signaling | 09/487,139 | 19-Jan-2000 | | |
| 00CXT0006N/US | Packet Length Indication For a Facsimile System | 09/696,562 | 25-Oct-2000 | | |
| 00CXT0010N/AU | Rate Determination Coding | 86829/01 | 08-Feb-2001 | | |
| 00CXT0010N/BR | Rate Determination Coding | PI 0108167-5 | 07-Aug-2002 | | |
| 00CXT0010N/CN | Rate Determination Coding | 01804689.4 | 08-Aug-2002 | | |
| 00CXT0010N/EP | Rate Determination Coding | 01909033.1-2218 | 08-Feb-2001 | | |
| 00CXT0010N/HK | Variable Bit Rate Speech Coder Based on Existent Standards | 03100292.2 | 13-Jan-2003 | | |
| 00CXT0010N/JP | Rate Determination Coding | 559002/2001 | 05-Aug-2002 | | |
| 00CXT0010N/KR | Rate Determination Coding | 10-2002-7010088 | 05-Aug-2002 | | |
| 00CXT0010N/PCT | Rate Determination Coding | 01/04230 | 08-Feb-2001 | | |
| 00CXT0010N/RU | Rate Determination Coding | 200212388.1 | 06-Sep-2002 | | |
| 00CXT0010N/US | Rate Determination Coding | 09/499,999 | 08-Feb-2000 | | |
| 00CXT0021N/US | A Time-Domain Equalizer (TEQ) with Controlled Flatness, for DMT Based Modems, Using the Inverse Power Method | 60/280,204 | 30-Mar-2001 | | |
| 00CXT0024N/EP | A High Performance VLIW Processor | 01999878.0 | 03-Dec-2001 | | |
| 00CXT0024N/PCT | A High Performance VLIW Processor | 01/46608 | 03-Dec-2001 | | |
| * 00CXT0024N/US | A High Performance VLIW Processor | 09/730,039 | 05-Dec-2000 | | |
| 00CXT0048N/US | Double Talk Detector for Echo Cancellation in a Speech Communication System | 09/663,246 | 15-Sep-2000 | | |
| 00CXT0051N/US | Apparatus and Methods for Initializing Integrated Circuit Addresses | 09/876,301 | 06-Jun-2001 | | |
| 00CXT0053N/US | Intelligent Discontinuous Transmission and Comfort Noise Generation Scheme for Pulse Code Modulation Speech Coders | 09/484,731 | 18-Jan-2000 | 6,510,409 | 21-Jan-2003 |
| 00CXT0059N/EP | DSL Auto Baud | 00990460.8 | 30-Oct-2000 | | |

Schedule 1.01(d)
Patents

| Docket ID | Title | Application No | Application Date | Grant No. | Grant Date |
|-----------------|---|----------------|------------------|-----------|-------------|
| 99RSS466/PCT | Apparatus and Method for Issue Grouping of Instructions in a VLIW Processor | 01/12964 | 23-Apr-2001 | | |
| * 99RSS466/US | Apparatus and Method for Issue Grouping of Instructions in a VLIW Processor | 09/595,791 | 16-Jun-2000 | 6,415,376 | 02-Jul-2002 |
| * 99RSS466/US/2 | Apparatus and Method for Issue Grouping of Instructions in a VLIW Processor | 10/085,437 | 28-Feb-2002 | | |
| * 99RSS467/US | A Low-Power Instruction Prefetch FIFO for Zero-Overhead Loops VLIW DSP Processor | 09/829,823 | 10-Apr-2001 | | |
| 99RSS472/US | A New Addressing Scheme with Multiple Circular Buffers for Convolutional Interleaving and Deinterleaving | 09/929,500 | 14-Aug-2001 | | |
| * 99RSS475/US | An Area and Power Efficient Bussing Scheme for Dispatching Register Operands to Multiple Execution Units in a Wide-Issue VLIW DSP Processor | 10/085,724 | 28-Feb-2002 | | |
| 99RSS476/US | Link Layer Controller that Provides a Memory Status Signal to a Network Layer System in a Communication Device | 09/619,736 | 19-Jul-2000 | | |
| 99RSS485/US | 4-KBITS/S Speech Coding | 09/663,662 | 15-Sep-2000 | | |
| 99RSS485/US/1 | 4-KBITS/S Speech Coding | 60/155,321 | 22-Sep-1999 | | |
| 99RSS488/US | Method and System for Encoding A Composite VLIW Packet | 09/569,891 | 11-May-2000 | | |
| * 99RSS488/US/1 | Method and System for Encoding A Composite VLIW Packet | 09/721,152 | 22-Nov-2000 | | |
| 99RSS489/US | Precoding for Resource-Limited Transceivers | 09/675,552 | 27-Sep-2000 | | |
| 99RSS489/US/1 | Precoding for Resource-Limited Transceivers | 60/156,175 | 27-Sep-1999 | | |