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COVER SHEET
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MAIL STOP ASSIGNMENT
Commissioner for Patents
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Please record the attached document(s) or new address(es) below.

12.23.05

113264 U.S. PTO
11/315372
122305

1. Name of Conveying Party(ies):

Linlin Li

Execution Date: December 20, 2005

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and Address of Receiving Party(ies):

Name: Conexant Systems, Inc.
Address: 100 Schulz Drive
Red Bank, New Jersey 07701

Name:
Address:

Country: U.S.

Country:

Additional name(s) and address(es) attached? Yes No

3. Nature of Conveyance:

- Assignment Merger Change of Name Security Agreement
- Government Interest Assignment Executive Order 9424, Confirmatory License
- Other: _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No(s):

B. Patent No(s):

Others on additional sheet(s) attached? Yes No

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

Kevin T. Duncan
Intellectual Property Department
Hunton & Williams LLP
1900 K Street, N.W.; Suite 1200
Suite 1200
Washington, DC 20006-1109
(202) 955-1500 (telephone)
(202) 778-2201 (facsimile)

6. Total number of applications and patents involved:

Application(s):	<u>1</u>
+ Patent(s):	<u>0</u>
= Total:	<u>1</u>

7. Total Fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged to Deposit Account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account No.: 50-0206
 Charge any underpayment or credit any overpayment to above Deposit Account

9. Signature

Phillip D. Mancini
Kevin T. Duncan

Name of Person Signing

Signature

December 23, 2005
Date

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

Four (3)

12/28/2005 HGUTEMA1 00000004 11315372

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40.00 OP

ASSIGNMENT

WHEREAS, I, **Linlin Li**, residing at 226 Woodcliff Boulevard, Morganville, New Jersey 07751 US, have invented certain new and useful improvements in and to the subject matter of:

A BIT-LOADING METHOD AND SYSTEM FOR A DMT TRANSCEIVER

described in an application for United States Letters Patent being executed simultaneously herewith,

AND, WHEREAS, Conexant Systems, Inc., a corporation organized under the laws of the State of New Jersey, having a place of business located at 100 Schulz Drive, Red Bank, New Jersey 07701 (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND I hereby authorize and request our agents, Hunton & Williams LLP, whose address is 1900 K Street, Suite 1200, Washington, DC 20006-1109, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known.

AND I hereby agree for myself and my heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

