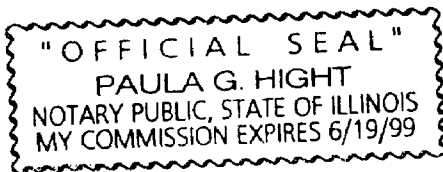


April 26, 1999
STATE OF ILLINOIS
COUNTY OF COOK SS

Marianne Grisdale
MARIANNE GRISDALE

Before me, a Notary Public in and for the County and State aforesaid, appeared **MARIANNE GRISDALE** to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.



Paula G. Hight
Notary Public

03-09-2000

CD-201

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To the Honorable Commissioner of Patent and Trademark: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Che-yu Li
Thomas L. Sly
Weimin Shi

MWD 1-21-00

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

3. Nature of conveyance:

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

Execution Date: 12/21/99; 12/29/99; 1/11/00

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

Name: HIGH CONNECTION DENSITY, INC.

Internal Address: _____

Street Address: 107 N. Aurora St.

City: Ithaca State: NY ZIP: 14850

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)

Additional numbers attached? ☐ Yes ☐ No

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

Name: Mark Levy

Internal Address: SALZMAN & LEVY

Street Address: 19 Chenango St.

City: Binghamton State: NY ZIP: 13901

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

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

8. Deposit account number:

19-0077

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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.

Mark Levy

Name of Person Signing

Signature

Date

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

PATENT

REEL: 010590 FRAME: 0078

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
HCD-201

This is an Assignment of the following rights, title and interest: (check all that apply):

- ☒ *United States of America rights, title and interest in the invention*
☒ *Foreign rights, title and interest in the invention*
☒ *United States Patent Application Serial No.* 09/461,065
Date of Execution: _____ *Date of Filing:* 12/14/99
☐ *United States Provisional Patent Application Serial No.* _____
☐ *United States Patent No(s).* _____
☐ *International (PCT) Patent Application Serial No.* _____
☐ *Other (specify)* _____

Title of the Invention

HIGH DENSITY, HIGH FREQUENCY MEMORY CHIP MODULES HAVING THERMAL MANAGEMENT STRUCTURES

Inventors (assignors)

<i>Name</i>	<i>Address</i>
Che-yu Li	112 Juniper Dr., Ithaca, NY 14850
Thomas L. Sly	8829 Shellman Dr., Cicero, NY 13039
Weimin Shi	405 Lake St., Apt. A22, Ithaca, NY 14850

Assignee

<i>Name</i>	<i>Address</i>
HIGH CONNECTION DENSITY, INC.	107 N. Aurora St. Ithaca, NY 14850

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No.
HCD-201

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

[illegible]

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To the Honorable Commissioner of Patents and Trademarks: Ple.

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copy thereof.

1. Name of conveying party(ies):

RALPH LAZAR
MARIANNE GRISDALE

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OPR/FINANCE

2. Name and address of receiving party(ies)

Name: WHIRLPOOL CORPORATION

Internal Address: MD 2200

Street Address: 2000 NORTH M-63

City: BENTON HARBOR State: MI ZIP: 49022-2692

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

Additional name(s) of conveying party(ies) attached? ☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: April 26, 1999

4. Application number(s) or patent number(s): US99000019

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

A. Patent Application No.(s)

Serial No. 29/099,659 filed 01/26/99

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

ROBERT O. RICE

Name: WHIRLPOOL CORPORATION

Internal Address: MD 2200

Street Address: 2000 NORTH M-63

City: BENTON HARBOR St: MI ZIP: 49022-2692

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

23-1660

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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.

ANDREA POWERS DENKLAU

Reg. No. 38,998

Name of Person Signing

Andrea Powers Denkla
Signature

January 26, 2000

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
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