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

Conveying Party(ies)

1. Seo Young Kim
- 2.
- 3.
- 4.
- 5.
- 6.

Execution Date(s)

November 30, 2004

☐ Mark if Additional Names of Conveying Parties Attached**Receiving Party**

Name Korea Institute of Science

Name

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Address Sungbook-Gu

Address Seoul

City

Korea
State/Country

138-051

Zip Code

☐ Mark if Additional Names of Receiving Parties Attached**Correspondent Name and Address**

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Attorney Docket No. 229979

Pages Enter the total number of pages of the attached conveyance document including any attachments: 3**Application Number(s) or Patent Number(s)**☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Numbers			Patent Numbers		
10/928,893					

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

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Number of Properties

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Fee Amount for Properties Listed (37 CFR 3.41):

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Authorization to Charge Additional Fees to Deposit Account No. 12-1216: ☒ Yes ☐ No**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. Charges to deposit account are authorized, as indicated herein.

Pamela J. Ruschau

Name of Person Signing

Signature

December 20, 2004

Date

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PAGE 2/4 * RCVD AT 12/20/2004 3:53:22 PM [Eastern Standard Time] * SVR:USPTO-EFXXRF-2/0 * DNIS:7464000 * CSID:312 616 5700 * DURATION (mm:ss):01:44

PATENT
REEL: 016089 FRAME: 0407

PATENT
Attorney Docket No. 229979

Leydig, Voit & Mayer, Ltd.
Two Prudential Plaza, Suite 4900
180 North Stetson Avenue
Chicago, Illinois 60601-6780

ASSIGNMENT

WHEREAS, I, Seo Young Kim, of Seoul, Korea, have invented and own a certain invention entitled:

HEAT SPREADER, HEAT SINK, HEAT EXCHANGER AND PDP CHASSIS BASE

for which invention I have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 27 Oct, 2004, under U.S. Application No. 10/928,893, and

WHEREAS, Korea Institute of Science, of 39-1 Hawolgok-Dong, Sungbook-Gu, Seoul, Korea (hereinafter referred to as Assignee), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, I assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and I do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

I HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

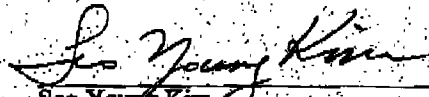
UPON SAID CONSIDERATION, I convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

I DO HEREBY COVENANT and agree with the Assignee that I will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that I will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in

In re Appln. of Kim
Attorney Docket No. 229979


making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, I have hereunder set my hand this 30th day of
NOVEMBER, 2004.


Seo Young Kim

Date November 30, 2004

Witness


Seung Ryul KIM

Date November 30, 2004

Witness


Sung Jae HAHM

Assignment Appln Sole-Notary (Revised 10/25/01)