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Docket No.: 428.1052

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<b>4. Application number(s) or patent numbers(s):</b> If this document is being filed together with a new application, the execution date of the application is: <u>April 22, 2005</u>  Patent Application No. _____ Filing date _____ B. Patent No.(s) _____  Additional numbers <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b> Name: <u>Michael N. Mercanti</u> Registration No. <u>33,966</u> Address: <u>475 Park Avenue South</u>  05/23/2005 SNAJARRD 00000067 10535386 05 FC:8021 40.00 OP  City: <u>New York</u> State/Prov.: <u>NY</u> Country: <u>USA</u> ZIP: <u>10016</u>	<b>6. Total number of applications and patents involved:</b> <u>1</u>  <b>7. Total fee (37 CFR 3.41):</b> .....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed - Any excess or insufficiency should be credited or debited to deposit account <input type="checkbox"/> Authorized to be charged to deposit account  <b>8. Deposit account number:</b> <u>02-2275</u>  (Attach duplicate copy of this page if paying by deposit account)
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<b>9. Statement and signature.</b> <i>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.</i>  <u>Michael N. Mercanti</u> Name of Person Signing  Total number of pages including cover sheet, attachments, and document: <u>3</u>	 Signature  May 17, 2005 Date
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PATENT  
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Docket No. 428. 1052

**ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION**

*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. \_\_\_\_\_*  
*Date of Execution: \_\_\_\_\_ Date of Filing: \_\_\_\_\_*  
☐ *United States Provisional Patent Application Serial No. \_\_\_\_\_*  
☐ *United States Patent No(s). \_\_\_\_\_*  
☒ *International (PCT) Patent Application Serial No. PCT/KR2004/000309*  
☐ *Other (specify) \_\_\_\_\_*

*Title of the Invention:*

**MULTI-LAYERED PHOTOBIOREACTOR AND METHOD OF CULTURING  
PHOTOSYNTHETIC MICROORGANISMS USING THE SAME**

*Inventors (assignors):*

<i>Name</i>	<i>Address</i>
LEE, Choul-Gyun	107-1304 Samsung Apt., 437 Changcheon-dong, Mapo-gu, Seoul 121-882, Republic of Korea
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*Assignee:*

<i>Name</i>	<i>Address</i>
INHA-INDUSTRY PARTNERSHIP INSTITUTE	253, Yongheon-dong, Nam-ku, Incheon 402-751, Republic of Korea

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 for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, 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 continuation-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:***

Name	Signature/ Date
LEE, Choul-Gyun	<i>Lee, Choul Gyun</i> 04/22/2005
SUH, In Soo	<i>Suh In Soo</i> 2005. 4. 22
JOO, Hyun-Na	<i>Hyun-Na Joo</i> April 22, 2005