

11-07-2005



EET MGW Ref: 61610782US

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To the Director of the U.S. Patents and Trademark Office, please return the attached documents or the new address(es) below.

11-01-05

1. Name of conveying party(ies):
Hyuk CHANG, Kyoung Hwan CHOI, Christopher Hansung KO
Additional name of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Samsung SDI Co., Ltd.
Internal Address:
Street Address: 575, Shin-dong, Yeongtong-gu
City: Suwon-si, Gyeonggi-do
State:
Country: The Republic of KOREA Zip:
Additional Name(s) & address(es) attached? Yes No

12921 U.S. PTO
11/262813



3. Nature of conveyance:
Execution Date(s) October 31, 2005; October 31, 2005;
October 31, 2005
 Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

4. Application number(s) or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s) B. Patent No.(s)
11/04/2005 DBYRNE 00000169 11262813
01 FC:8021 40.00 OP
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning this document should be mailed:
Name Richard T. Schachner
Internal Address
Street Address: : McGuireWoods LLP
1750 Tysons Boulevard - Suite 1800
City: McLean
State: Virginia Zip: 22102
Phone Number: 703-712-5000
Fax Number: 703-712-5246
Email Address:

6. Total number of applications and patents involved: one (1)
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
a. Credit Card Last 4 Numbers
Expiration Date
b. Deposit Account Number 23-1951
Authorized User Name McGuireWoods LLP

9. Signature : Richard T. Schachner November 1, 2005
Signature Date
Richard T. Schachner, Reg. No. 48,342
Total number of pages including cover sheet, attachments, and documents 3
Name of Person Signing

Docket No.: 6161.0782.US

ASSIGNMENT

Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in

an application for United States Letters Patent entitled **FUEL CELL FOR MICROCAPSULE-TYPE ROBOT AND MICROCAPSULE-TYPE ROBOT POWERED BY THE SAME** ("Application");

upon which United States Letters Patent, Patent Number _____, has issued ("Patent");

Whereas, Assignor desires to convey all rights, title and interests in and to the same to Samsung SDI Co., Ltd. ("Assignee"), with offices located at 575, Shin-dong, Youngtong-gu, Suwon-si, Gyeonggi-do Republic of Korea;

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States, any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the U.S. or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense.

IN WITNESS WHEREOF, Assignor has hereunto set hand and seal.

Assignor:

Signature: Hyuk Chang

Print Name: Hyuk CHANG

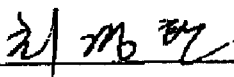
Address: 503-1304 Samhwan Apt, 301 Seohyeon-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea

Date: 31 Oct 2005

Docket No.: 6161.0782.US

Assignor:

Signature:



Print

Name:

Kyoung Hwan CHOI

Address:

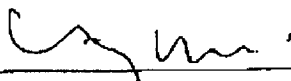
114-1201 Daehan Daewoo Apt., 90 Maesanro 2-ga, Paldal-gu,
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Date:

31 Oct 2005

Assignor:

Signature:



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Date:

31 Oct 2005

