PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------|----------------|
| Qinbai Fan | 03/17/2009 |

RECEIVING PARTY DATA

| Name: | GAS TECHNOLOGY INSTITUTE | |
|-----------------|--------------------------------|--|
| Street Address: | 1700 South Mount Prospect Road | |
| City: | Des Plaines | |
| State/Country: | ILLINOIS | |
| Postal Code: | 60018 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12406980 |

CORRESPONDENCE DATA

Fax Number: (847)768-0501

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 847-768-0832

Email: mark.fejer@gastechnology.org

Correspondent Name: MARK E. FEJER GAS TECHNOLOGY INSTITUTE

Address Line 1: 1700 SOUTH MOUNT PROSPECT ROAD

Address Line 4: DES PLAINES, ILLINOIS 60018

ATTORNEY DOCKET NUMBER: GTI-1697

Mark E. Fejer

Total Attachments: 2

NAME OF SUBMITTER:

source=Assignment#page1.tif source=Assignment#page2.tif

> PATENT REEL: 022417 FRAME: 0871

500811226

CH \$40.00

ASSIGNMENT

WHEREAS, the following inventor

Name:

Qinbai FAN

Residence:

Chicago, Illinois

Post Office Address: 4929 N. Nottingham Ave

Chicago, Illinois 60656

Citizenship:

United States of America

hereinafter referred to as ASSIGNOR, has invented certain new and useful improvements in an invention entitled

CO2 TOLERANT ALKALINE FUEL CELLS AND ALKALINE BATTERIES

which is described and claimed in an application for Letters Patent of the United States executed by ASSIGNOR on even date herewith, and naming as sole inventor Qinbai FAN; said improvements as described and claimed in said application for Letters Patent of the United States, being hereinafter referred to as said "Invention"; and

WHEREAS, GAS TECHNOLOGY INSTITUTE, a not-for-profit corporation duly organized and existing under and by virtue of the laws of the State of Illinois and having its principal office and place of business at 1700 South Mount Prospect Road, Des Plaines, Illinois 60018, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S entire rights, title and interest in and to said Invention, and in, to and under Letters Patent therefor in the United States and countries foreign thereto;

NOW THEREFORE BE IT KNOWN THAT, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over and by these presents does hereby sell, assign, transfer and set over to and unto ASSIGNEE, its successors and assigns ASSIGNOR'S entire rights, title and interest in and to said Invention, and in, to and under the above-identified application and all other applications for Letters Patent therefor of the United States and countries foreign thereto, and in, to and under all divisions, reissues, continuations, extensions and reexaminations thereof, and covenants that ASSIGNOR has the full right so to do; and the Commissioner of Patents is hereby authorized and requested to issue all United States Letters Patent on said Invention included herein to ASSIGNEE, as assignee of ASSIGNOR'S entire interest.

ASSIGNOR further agrees to communicate to ASSIGNEE or its representatives or agents all facts and information known or available to ASSIGNOR

1

GTI-1697

P140\20

regarding said Invention including evidence for interference purposes or for other legal proceedings, whenever requested; to testify in any interference or other proceedings; to execute and deliver, on request, all lawful papers including original, divisional, continuing and reissue applications, renewals, assignments, powers of attorney, declarations, oaths, affidavits, depositions, etc.; and to generally do everything possible to aid ASSIGNEE, its successors and assigns, but at the expense of ASSIGNEE, in obtaining and enforcing proper protection for said Invention, in the United States and countries foreign thereto.

Date

RECORDED: 03/19/2009

Qinbai FAN

GTI-1697 2 P140\20

PATENT REEL: 022417 FRAME: 0873