FORM TO-1595 (Rev. 6 93) RECORI 04 -	24 - 2003 - U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
OMB : o. 0651-0011 (exp. 4/94) Tab Si ttings ♀ ♀ ♥ ▼	
To the Honorable Commissioner of Patents . 102	2429234ginal documents or copy thereof.
1. Name of conveying party(ies):	Name and address of receiving party(ies)
Sa nih BATARSEH	Name: GAS TECHNOLOGY INSTITUTE
4-16-03	Internal Address: ST 100 100 100 100 100 100 100 100 100 10
Additional name(s) of conveying party(ies) attached? □Yes ■ No	j.
3. Nerure of conveyance: ■ ssignment □ Merger	Street Address: 1700 South Mount Prospect Road
□ ecurity Agreement □ Change of Name	
□ ::ther	City: Des Plaines State: Illinois Zip: 60018
Exect tion Date: 15 April 2003	Additional name(s) & address(es) attached? ☐ Yes ■ No
4. Ap: lication number(s) or patent number(s): If it is document is being filed together with a new application, the	execution date of the application is: 15 April 2003
A 'atent Application No.(s)	B. Patent No.(s)
Additional numbers at	tached? □ Yes ■ No
5. Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:
Nane: Mark E. Fejer	7. Total fee (37 CFR 1.21(h))\$ 40.00
Int rnal Address: Gas Technology Institute	□ Enclosed
	Authorized to be charged to deposit account
Smet Address: 1700 South Mount Prospect Road	8. Deposit Account : 502045 (Attach duplicate copy of this page if paying by deposit account)
Coor: Des Plaines State: IL Zip: 60018	
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• •	16 April 2003 Date
Regi: . No. 34,817 Total number of pages including c	over sheet, attachments, and document: 3
Attoracy Docke No.: Assistant Commissioner for Patents, Box Assignments Washington, D.C. 20231	
)4/24/*003 TDIAZ1 00000017 502045 10417003 EXPRESS MAIL NO.: EL649157566US DATE OF DEPOSIT: 16 April 2003	

PATENT REEL: 013978 FRAME: 0640

ASSIGNMENT

WHEREAS, the following inventor

Name: Samih BATARSEH
Residence: Mount Prospect, Illinois

Post Office Address: 1870 West Palm Drive, #379

Mount Prospect, Illinois 60056

Citizenship: United States of America

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

LASER WELLBORE COMPLETION APPARATUS AND METHOD

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 Samih BATARSEH; 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

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PATENT REEL: 013978 FRAME: 0641

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.

4/15/03 Date

Batar Seh

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PATENT RECORDED: 04/16/2003 REEL: 013978 FRAME: 0642