11-1)1 - 2000
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1-31-92 9 DUO RE	Patent and Trademark Office
To the Honorable Commissioner of Patents 101	501220 , original documents or copy thereof.
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George K. King	Daliant Energy Dayyar Systems Inc.
	Reliant Energy Power Systems, Inc.
Additional name(a) of convoying porty(ice) attached?	882
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:
3. Nature of conveyance:	1111 Louisiana Avenue
X Assignment Merger	
Security Agreement Change of Name	City: Houston State: Texas Zip: 77002
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Execution Date: 4. Application number(s) or patent number(s): 69 116	address(es) attached?
If this document is being filed together with a new application, the execution date of the application is: September 26, 2000	
A. Patent Application No.(s)	B. Patent No.(s)
11	
Additional Nu	mber(s) attached? Yes X No
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: One
concerning document should be mailed: Name: Michael Locklar	7. Total Fee (37 CFR 3.41): \$40
Internal Address: Baker Botts L.L.P.	X Enclosed
Street Address: One Shell Plaza	Authorized to be charged to deposit account
910 Louisiana	
	8. Deposit account number:
City: Houston	No. 02-0383 of Baker Botts L.L.P. (Attach Duplicate Copy of this page if paying by deposit account)
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9. Statement and signature.	
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true copy of the original document. Michael Locklar	2/2 9/29/00
Name of Person Signing Signature	Date
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HOU03:719766.1

PATENT REEL: 011188 FRAME: 0157

ASSIGNMENT

WHEREAS, I, the undersigned inventor, of residence as listed, have invented certain new and useful improvements, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

whereas, Reliant Energy Power Systems, Inc. (hereinafter referred to as "Assignee"), a Delaware Corporation, with an address of 1111 Louisiana Avenue, Houston Texas 77002, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all provisionals, divisions, reissues, continuations, continuations—in—part and extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all provisionals, divisions, continuations, continuations—in—part, reissues and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

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PATENT REEL: 011188 FRAME: 0158 2

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

Improvement in Mass Transport for Ternary Reaction Optimization in a Proton Exchange Membrane Fuel Cell Assembly and Stack Assembly

Signature of Inventor:

Inventor's Name:

Date:

Residence (City, County, State):

George R. King

The Woodlands, Harris,

HOU03:719761.1

RECORDED: 09/26/2000

PATENT REEL: 011188 FRAME: 0159