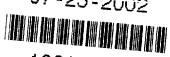
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To the Commissioner of Patents and Trademarks: Please record the	7550
1. Name of conveying party(ies):	2. Name s of receiving party(ies):
GUPTA, Ashok Kumar (January 21, 2002) TIETZ, Dr. Frank (January 21, 2002) BUCHKREMER, Dr. Hans Peter (January 23, 2002) KUNDLER, Dr. Isabel (April 21, 2002)	FORSCHUNGSZENTRUM JULICH GMBH Julich D-52425 Julich GERMANY
Additional name(s) of conveying party(ies) attached?   Yes  No	Additional name(s) & address(es) attached? ☐ Yes ☒ No
3. Nature of conveyance:  Assignment Security Agreement Other:  Merger Change of Name	FINANCE
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4. Application number(s) or patent number(s):	H 5
If this document is being filed together with a new application, the	e execution date of the application is:  B. Patent No.(s)
A. Patent Application No.(s)	B. Patent No.(s)
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document should be mailed:	
John J. Gresens Address: Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903  23552 PATENT TRADEMARK OFFICE	7. Total fee (37 CFR 3.41): \$40.00  Enclosed Authorized to be charged to deposit account  8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725
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**PATENT REEL: 013111 FRAME: 0239** 

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INSTRUCTIONS

## ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS,

Inventor(s) Name, additions, Conzensing

1. GUPTA, Ashok Kumar residing at Victor-Gollancz-Strasse 53, 52428 Julich, UERNZIN I and I GUZEN of UERNZIN I;
2. TIETZ, Dr. Frank residing at Dr.-Weyer-Strasse 18, 52428 Julich, GERMANY and a citizen of GERMANY;
3. BUCHKREMER, Dr. Hans Peter residing at Im Muhlenkamp 31, 52525 Heinsberg, GERMANY and a citizen of GERMANY;
4. KUNDLER, Dr. Isabel residing at Steinstrasses Alles 19, 52428, Julich, GERMANY and a citizen of GERMANY;

Date Patent Declaration
Signed and Title Serial
No. and filing date (if
known)

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on for this invention, which application is entitled PRODUCTION OF CATALYST LAYERS ON DIAPERAGMS FOR LOW-TEMPERATURE FUEL CELLS and which has been given Serial Number and the filing date of :

Name of Corporation

AND WHEREAS FORSCHUNGSZENTRUM JULICH GMBH (herein called "ASSIGNEE"), a comporation organized under the laws of GERMANY, and having an office and place of business at Julich, D-52425 Julich, GERMANY

State or Country of Incorporation and Address wishes to acquire the emire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THB UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Fatent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

PATENT

**REEL: 013111 FRAME: 0240** 

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto act their hand on the dates indicated below.

Each inventor must sign & date

Note: No legalization or other witness required

1-Signature A.K. Gupta

2-Signature Br. F. Tieby

4-Signature Dr. Isabel Kundler

27.01.02

71.01.02

23,01.02

09/02/2002

Date

## INSTRUCTIONS

## ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

6 6 A 6 7 7

WHEREAS.

Inventor(s) Name, Address, Citizenship 1. GUPTA, Ashok Kumar residing at Victor-Gollancz-Strasse 53, 52428 Julich, GERMANY and a citizen of GERMANY;

2. TIETZ, Dr. Frank residing at Dr.-Weyer-Strasse 18, 52428 Julich, GERMANY and a citizen of GERMANY;

- 3. BUCHKREMER, Dr. Hans Peter residing at Im Muhlenkamp 31, 52525 Heinsberg, GERMANY and a citizen of GERMANY;
- 4. KUNDLER, Dr. Isabel residing at Friedrich-Stoltze Str.17, 61462 Königstein, GERMANY and a citizen of GERMANY;

**Date Patent Declaration** Signed and Title Serial No. and filing date (if known)

Name of Corporation

State or Country of Incorporation and Address (herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on for this invention, which application is entitled PRODUCTION OF CATALYST LAYERS ON DIAPHRAGMS FOR LOW-TEMPERATURE FUEL CELLS and which has been given Serial Number the filing date of ;

AND WHEREAS FORSCHUNGSZENTRUM JULICH GMBH (herein called "ASSIGNEE"), a corporation organized under the laws of GERMANY, and having an office and place of business at Julich, D-52425 Julich, GERMANY

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

REEL: 013111 FRAME: 0242

	IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.	
Each inventor must sign & date	1-Signature	Date
	1-Signature	Date
Note: No legalization or other		
witness required	2-Signature	Date
	3-Signature	Date
	3-Signature	
	Walt Clinde	_ X1.04.200C
	4-Signature	Date

PATENT REEL: 013111 FRAME: 0243

**RECORDED: 07/19/2002**