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OMB No. 0651-0011 (exp. 4/94)

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To the Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

X Mathias BRONOLD Frank MAI

3-22-02

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name Other

Execution Date: February 6, 2002

2. Name and address of receiving party(ies)

Name: HELIOCENTRIS ENERGIESYSTEME GMBH

Street Address: Rudower Chaussee 29

D-12489 Berlin, Germany

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No. (s)

09/979,995

B. Patent No. (s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Richard L. Byrne Internal Address: Webb Ziesenheim Logsdon Orkin & Hanson, P.C. Street Address: 700 Koppers Building 436 Seventh Avenue City: Pittsburgh State: PA ZIP: 15219-1818

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

- Enclosed Authorized to be charged to deposit account

8. Deposit account number:

(Attach triplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard L. Byrne, Reg. No. 28,498 Name of Person Signing

Signature

March 14, 2002 Date

Total number of pages including cover sheet, attachments and document 3

Mail documents to be recorded with required cover sheet information to: Commissioner for Patents, U.S. Patent and Trademark Office Office of Public Records, Crystal Gateway 4, Room 335 Washington, D.C. 20231

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03/28/2002 T11A71 00000169 09979995 01 FC:81 40.00 OP

ASSIGNMENT

WHEREAS, WE, **MATTHIAS BRONOLD and FRANK MAI**, residing in Berlin, Germany; and Ressen-Zaue, Germany, respectively, have invented certain new and useful improvements in **MEMBRANE ELECTRODE UNIT COMPRISING AN INTEGRATED SEALING EDGE** for which a patent application for United States Letters Patent was received in the United States Patent and Trademark Office on November 27, 2001 and bears Serial No. 09/979,995 as initiation of the national phase of International Application No. PCT/DE00/01743 filed 25 May 2000;

AND, WHEREAS **HELIOCENTRIS ENERGIESYSTEME GMBH**, a corporation of Germany, having a place of business at Rudower Chaussee 29, D-12489 Berlin, Germany, hereinafter called the "assignees", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to us by said assignee, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

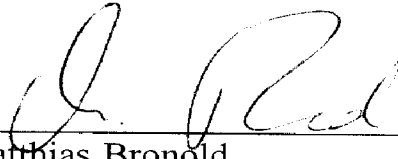
The Commissioner for Patents is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree solely and individually that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs,

executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

4/2/02

Date



Matthias Bronold

4/2/02

Date



Frank Mai