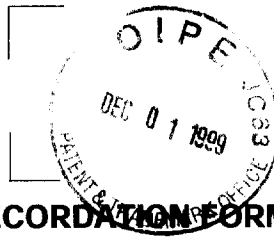


12-16-1999

Commerce
Office



101223603



mra

12.1.99

RECORDATION FORM COVER SHEET PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Execution Date
Month Day Year

Name (line 2)

Second Party

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

12/15/1999 DNGUYEN 00000225 5773956

01 FC:581

40.00 OP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 010425 FRAME: 0889

Correspondent Name and Address **Area Code and Telephone Number**

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			<input type="text" value="5,773,956"/>	Patent Number(s)	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT

PCT PCT PCT

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account


Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Patrick J. Finnan  12/1/99

Name of Person Signing Signature Date

ASSIGNMENT AND QUITCLAIM

IN CONSIDERATION of the payment of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged,

Mikron Gesellschaft für integrierte Mikroelektronik mbH ("Assignor")
Am Söldnermoos 17
D-85399 Hallbergmoos, Germany

hereby sells, assigns and transfers to

Mikron AG ("Assignee")
Am Söldnermoos 17
D-85399 Hallbergmoos, Germany

its successors and assigns:

- (1) the entire undivided right, title and interest for the United States of America, Germany, and all other countries, in and to the invention(s) described in the United States Patents and Patent Applications, German Patents and Patent Applications, and/or all foreign patents and foreign patent applications listed on the attached Exhibit 1, including all enhancements, modifications, improvements and information and inventions, whether or not patented or patentable, to, based upon, derived from, or incorporating any of the foregoing patents and patent applications, and any continuation, division, substitute, national, international, or regional application in any country that is derived or claims priority therefrom; and
- (2) any and all rights of Assignor in and to all data, drawings, designs, operating experience and techniques, know-how, show-how, documents, models, the contents of patent applications, inventions and equipment, whether or not patentable, or other information in any form (including oral) in Assignor's possession from any source at any time relating in any way to modular smart battery system charge and discharge monitoring and safety electronic assemblies for use with smart rechargeable batteries and chargers, and chips intended for use in such assemblies (including all enhancements, modifications, improvements and information and inventions, whether or not patented or patentable, to, based upon, derived from, or incorporating any of the foregoing.

Assignor further covenants to provide Assignee, upon request, with file documents relating to said invention(s), applications, patents, data, and other items subject hereto, as may be known and accessible to Assignor, and to execute and deliver such other and further

Poster

documents as may be necessary or appropriate to effectuate this Assignment. This Assignment is effective as of July ____, 1999.

Mikron Gesellschaft für integrierte
Mikroelektronik mbH

09/11/99

By:

Name:

Title:

Ulmar Feising
Ulmar Feising
Managing Director
Nov.

On this 9/11 day of July, 1999, personally
appeared before me _____,
who acknowledged that he executed this instrument
of assignment on behalf of Mikron Gesellschaft für
integrierte Mikroelektronik mbH as its duly
authorized officer.

Notary Public

My Commission Expires: _____

Accepted by Assignee:

Mikron AG

By:

Name:

Title:

Date:

Pi Duc Van Dung
PI DUC VAN DUNG
MANAGING DIRECTOR
10/28/1999

On this _____ day of July, 1999, personally
appeared before me _____,
who acknowledged that he executed this instrument
of assignment on behalf of Mikron AG as its duly
authorized officer.

Notary Public

My Commission Expires: _____

mb

EXHIBIT 1

Pending German patent No. 44 39 785, entitled "Verfahren zum Laden einer aufladbaren Batterie."

Pending U.S. patent No. 08/553,220, entitled "Method for Changing a Rechargeable Battery."

Pending German patent No. 44 39 787, entitled "Schaltungsanordnung zum Verschieben einer Spannung."

1.

I hereby certify that the document affixed and sealed hereto was signed in my presence by Mr. Elmar **Zeising**, born on 22. September 1944, of Burg Haindlfing, 85354 Freising, personally known to me, acting on behalf of MIKRON Gesellschaft für integrierte Mikroelektronik mbH, Burg Haindlfing, 85354 Freising, as this company's managing director . (Geschäftsführer).

Upon my inspection of the commercial register on 26. October 1999, I further certify that MIKRON Gesellschaft für integrierte Mikroelektronik mbH is registered with the Municipal Court of Munich - Commercial register - under No. HRB 47963 and that Mr. Elmar **Zeising** is entitled to act individually as this company's legal representative.

2.

I hereby certify that the document affixed and sealed hereto was signed in my presence by Mr. Phuoc **van Dong**, born on 26. December 1951, of Lohweg 51, 85386 Eching, personally known to me, acting on behalf of MIKRON Aktiengesellschaft für integrierte Mikroelektronik, Am Söldnermoos 17, 85399 Hallbergmoos, as this company's member of the board of directors (Vorstand der Gesellschaft).

Upon my inspection of the commercial register on 26. October 1999, I further certify that MIKRON Aktiengesellschaft für integrierte Mikroelektronik is registered with the Municipal Court of Munich - Commercial register - under No. HRB 114158 and that Mr. Phuoc **van Dong** is entitled to act individually as this company's legal representative.

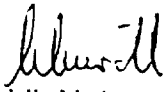
3.

And I do hereby further certify,
that the aforesaid Corporations are duly incorporated;
that they are in good standing under the laws of the Federal Republic of Germany;

that they have a legal corporate existence;
that their registered corporate domicile is Freising respectively Hallberg
moos;
so far as the Commercial Register shows.

Freisi

mber 1999



Schmidl, Notary