

04-30-2001



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PATENTS ONLY

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

MRI
4.20.01

1. Name of conveying party(ies):

VARTA Batterie Aktiengesellschaft

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

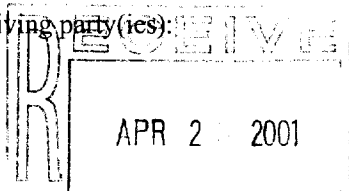
3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: March 22, 2001

2. Name and address of receiving party(ies):

VB Autobatterie GmbH
Am Leineufer 51
D-30419 Hannover
Germany



Additional name(s) and 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)
09/298,148

B. Patent No.(s)
4,952,861 5,338,596 5,460,730

Additional numbers attached? Yes No

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

IP Department
Schnader Harrison Segal & Lewis
1600 Market Street, 36th Floor
Philadelphia, PA 19103

6. Total number of applications and patents involved: 4

7. Total fee (37 CFR 3.41) \$160.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit Account No. 13-3405
(Attach duplicate 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.

T. Daniel Christenbury

18 APR 2001

Name of Person Signing

Signature

Date

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

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PATENT
REEL: 011722 FRAME: 0671

ASSIGNMENT

WHEREAS, VARTA Batterie Aktiengesellschaft, a corporation of Germany, with its principal place of business located at Am Leineufer 51, D-30419 Hannover, Germany, ("Assignor") is the owner of the entire right, title and interest in and to the patents and applications listed on attached Exhibit A; and

WHEREAS, VB Autobatterie GmbH, a corporation of Germany, with its principal place of business located at Am Leineufer 51, D-30419 Hannover, Germany ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the patents and application listed on attached Exhibit A;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the Assignee the entire right, title and interest, for the United States of America, its territories and possessions, in said inventions, including said patents, all divisions and continuations thereof, all rights to claim priority based thereon, and all letters patents and reissues thereof, issuing for said inventions in the United States of America.

It is agreed that the undersigned shall be legally bound, upon request of the Assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said inventions, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the inventions in the United States of America in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED under seal on March 22, 2001, at Kelkheim.

VARTA BATTERIE AKTIENGESELLSCHAFT

Signature:  _____

Name: Kaiser

Title: Manager Patent Department

SCHEDULE A

U.S. Patents

U.S. Patent No. 4,952,861

U.S. Patent No. 5,338,596

U.S. Patent No. 5,460,730

U.S. Patent Applications

U.S. Serial No. 09/298,148 filed 4/23/99