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Attorney Docket No. 225D/02175

Form PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101246238

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

1. Name of conveying party(ies):

Electro Chemical Holdings Societe
Anonyme

Additional name(s) of conveying
party(ies) attached?

 yes X no

2. Name and address of receiving party(ies)

Name: BI-PATENT HOLDING S.A.

Address:

41 Avenue de la Gare
L-1611 Luxembourg

3. Nature of Conveyance:

 X Assignment Merger

 Security Agreement Change of Name

 Other:

Execution Date:

September 29 and 14, 1999

Additional name(s) & address(es) attached?

 yes X no

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

A. Patent Application No.(s)

B. Patent No(s).

5,817,434 5,716,731

5,763,117 5,606,053

Additional numbers attached? Yes X No

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

Evenson, McKeown, Edwards
& Lenahan, P.L.L.C.
1200 G Street, N.W., Suite 700
Washington, D.C. 20005

6. Total number of applications and patents involved: 4

7. Total Fee (37 CFR 3.41): \$ 160.00
 X Enclosed. Please charge any underpayment in
connection with this Assignment to Deposit Account No.
05-1323

 Authorized to be charged to Deposit Account

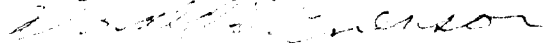
8. Deposit Account No.

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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.


Name Donald D. Evenson Reg. No. 26,160

January 28, 2000
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: 3

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Commissioner of Patents and Trademarks

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Box Assignments

Washington, D.C. 20231

PATENT
REEL: 010531 FRAME: 0983

ASSIGNMENT

Electro Chemical Holdings Societe Anonyme, of 2 Rue Albert Borschette, L-1020, Luxembourg (hereinafter referred to as "the Assignor") is the sole owner of record of the following U.S. Patents:

5,817,434	5,716,731
5,763,117	5,604,053

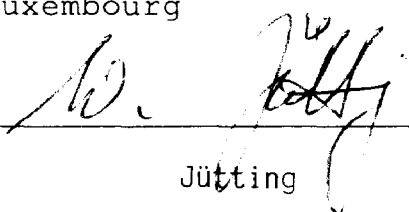
WHEREAS, *BI-PATENT HOLDING S.A.*, of 41 Avenue de la Gare, L-1611 Luxembourg, (hereinafter referred to as "the Assignee") is desirous of acquiring the entire right, title and interest in and to the said Letters Patents;

NOW, THEREFOR, for and in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor, as the legal and beneficial owner, does hereby sell and assign to the Assignee, its successors and assigns, its share of the entire right, title and interest in the said Letters Patents and all the rights, powers, liberties and immunities conferred on the Assignor by the grant of the Patent, including rights to sue for damages and other remedies in respect of any infringement of the Patent, which may have occurred prior to the date hereof, and the right to recover for all past infringement; and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be duly executed by its authorized representatives on the date set forth below.

Dated: 29 3, 99

Electro Chemical Holdings Societe Anonyme
2 Rue Albert Borschette
L-1020, Luxembourg



Jütting

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IN WITNESS WHEREOF, Assignor has caused this Assignment to be duly executed by its authorized representatives on the date set forth below.

Dated: Heilbrunn, Sept 14, 99

Electro Chemical Holdings Societe Anonyme
2 Rue Albert Borschette
L-1020, Luxembourg

Paul Maier
Maier