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To the Honorable Commissioner of Patents

102569861

... original documents or copy thereof.

1. Name of conveying party(ies):
Metin GIOUSOUF
Heinz KUCK
Rainer PLATZ
Additional name(s) of conveying party(ies) attached?
 yes no

6-20-03

2. Name and address of receiving party(ies)?
ETA SA MANUFACTURE HORLOGERE SUISSE
Schild-Rus-Strasse 17
CH-2540 Grenchen
SWITZERLAND

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Names
 Other

Additional name(s) & address(es) attached?
 yes no

Execution Date: May 8, 2003

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: May 8, 2003
A. Patent Application No.(s)
Additional numbers attached? Yes No

10451070

5. Name and address of party to whom correspondence concerning document should be mailed:
John H. Mion, Esquire
SUGHRUE MION, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:
one (1)

7. Total Fee (37 CFR 3.41): \$40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
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19-4880

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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.

John H. Mion Reg. No. 18,879 June 20, 2003 Date

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Washington, D.C. 20231

06/30/2003 GFREY1 00000034 10451070
02 FC 8021 40.00 OP

For Non-U.S. Clients

Assignment

Whereas, I/We, Metin Giousouf, Heinz Kück and Rainer Platz of
Germany Germany Switzerland

hereinafter called assignor(s), have invented certain improvements in
TIME BASE COMPRISING AN INTEGRATED MICROMECHANICAL TUNING FORK RESONATOR

and executed an application for Letters Patent of the United States of America therefor on
May 8, 2003; and

Whereas, ETA SA Manufacture Horlogère Suisse
Schild-Rust-Strasse 17
CH-2540 Grenchen
Switzerland

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number _____ and Confirmation number _____, filed June 20, 2003) the filing date and application number of said application when known.

Date: 8 May, 2003 Metin Giousouf
s/ Metin Giousouf
Date: _____
s/ Heinz Kück
Date: _____
s/ Rainer Platz
Date: _____
s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

1 of 3

For Non-U.S. Clients

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Date: _____
s/ Heinz Kück *Heinz Kück*
Date: 8 May, 2003
s/ Rainer Platz
Date: _____
s/

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