04-18-2003



HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS APR 1 4 2003 WASHINGTON, D.C. 20231

SIR:

R:
PLEASE RECORD THE ATTACHER ORIGINAL DOCUMENT(S) OR COPY(IES) THEREOF. 4.14.03

1. NAME OF CONVEYING PARTY(IES)	2. NAME(S) AND ADDRESS(ES) OF RECEIVING PARTY(IES)
Hartmut Beintken	Micronas GmbH Hans-Bunte-Strasse 19
	D-79008 Freiburg Germany
Additional name(s) of conveying party(ies) attached? No	Sommy
	Additional name(s) of receiving party(ies) attached? No
3. NATURE OF CONVEYANCE	
X Assignment Execution Date: December 30, 2002	
Security Agreement Merger	
Change of Name Other	
Outer	
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): 10/276,847	B. Patent No(s):
C. Issue Batch No.:	D. Issue Date:
Additional numbers attached? No.	
5. NAME AND ADDRESS OF PARTY TO WHOM	6. TOTAL NUMBER OF APPLICATIONS
CORRESPONDENCE CONCERNING DOCUMENT	AND PATENTS INVOLVED: 1
SHOULD BE DIRECTED:	7. TOTAL FEE DUE: \$40.00 (Enclosed)
Patrick J. O'Shea	,
Samuels, Gauthier & Stevens LLP 225 Franklin Street, Suite 3300	If any additional fee(s) are due, the Commissioner is hereby authorized to charge the Deposit Order Account noted in item 8.
Boston, Massachusetts 02110	
(617) 426-9180, Extension 121	8. DEPOSIT ACCOUNT NUMBER: 19-0079
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.	

Patrick J. O'Shea

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the U.S. Patent and Trademark Office, Washington, D.C. 20231.

PATENT

REEL: 013962 FRAME: 0220

01 FC:8021

Docket No: 6959

ASSIGNMENT

Know all men by these presents that:

WHEREAS I,

Hartmut Beintken 1122 Missouri Street San Diego, CA 92109 USA

have made an invention for

DIGITAL CLOCK GENERATOR

described in the application filed with the United States Patent and Trademark Office on November 19, 2002 as Serial No. 10/276,847 and which claims priority to German Patent Application No. 100 24 783 filed May 19, 2000 and to International Application No. PCT/EP01/05675 filed May 17, 2001.;

WHEREAS Micronas GmbH a corporation existing under the laws of Germany and having a place of business at Hans-Bunte Strasse 19, D-79008 Freiburg, Germany, for the benefit of itself, its successors and assigns, all inclusively hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to the said invention, the said application, all inventions disclosed in said application and any and all Letters Patent of the United States and of all other countries which may be granted for the said invention or inventions, or any of them;

NOW, THEREFORE, for good and valuable consideration provided by said Assignee, the receipt whereof is hereby acknowledged, I do hereby sell, assign and transfer to the said Assignee the entire right, title and interest in and to the said invention, inventions and application, including all priority rights arising therefrom, all inventions disclosed in said application, and any and all Letters Patent of the United States, and of all other countries, together with the right to apply for such Letters Patent, which may be granted for the said invention, inventions or any of them,

TO HAVE, HOLD AND ENJOY the said invention, the said application, and the said Letters Patent, to said

MICRONAS GmbH

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PATENT REEL: 013962 FRAME: 0221 its successors and assigns, to its and their own use and behoof to the full end of the term or terms for which the said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

AND I hereby authorize and request the Commissioner of Patents of the United States and the appropriate officers of all foreign patent offices to issue any and all Letters Patent which may be granted on the said application or applications above referred to, or for the said invention, or any of them, to the said Assignee in accordance with the terms of this instrument.

AND I hereby agree to execute and sign without further consideration any other legal document and any other assignments and any divisional, continuing, renewal, reissue or other application in and for all patents that may be appropriate and may be deemed necessary by the Assignee fully to secure to said Assignee its interests as aforesaid in and to the said invention or any part thereof and in and to the said patents or any of them.

AND I further covenant and agree that I will at any time upon request communicate to the said Assignee, its successors, assigns or other legal representatives, any facts known to me relating to the said invention and any patent that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so.

AND I hereby covenant for myself and my legal representatives that I have not hitherto assigned or granted any license to make, use or sell said invention, and that I will not henceforth purport to assign, license or execute any instrument to that effect in conflict with this assignment.

IN WITNESS WHEREOF, I have hereunto set my hand on the date below.

RECORDED: 04/14/2003

Hartmut Beintken

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