### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Marko Hahn	10/08/2007

#### **RECEIVING PARTY DATA**

Name:	Micronas GmbH	
Street Address:	Hans-Bunte-Strasse 19	
City:	Freiburg	
State/Country:	GERMANY	
Postal Code:	D-79108	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11851453

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	3000-0095
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NAME OF SUBMITTER: Patrick J. O'Shea

Total Attachments: 2

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PATENT REEL: 019963 FRAME: 0321

## <u>ASSIGNMENT</u>

Know all men by these presents that:

WHEREAS I.

Marko Hahn

Prof.-Messerschmitt-Strasse 24

85579 Neubiberg GERMANY

have made an invention for

# METHOD AND APPARATUS FOR INCREASING THE RESOLUTION OF A DATA SEQUENCE

described in the application filed with the United States Patent and Trademark Office on September 7, 2007 designated Serial No. 11/851,453 and which claims priority to German Patent Application No. 10 2006 042 180.9 filed September 8, 2006.

WHEREAS, Micronas GmbH, a corporation existing under the laws of Germany and having a place of business at Hans-Bunte-Strasse 19, D-79108 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**

REEL: 019963 FRAME: 0322

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.

O8 October 2007
Date

Marko Hahn

**RECORDED: 10/15/2007**