

# PATENT ASSIGNMENT

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Markus Multus	03/18/2011
Nikolaus Rettelbach	03/21/2011
Stefan Bayer	03/30/2011
Bernhard Grill	03/18/2011
Manuel Jander	03/18/2011
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PROPERTY NUMBERS Total: 1	
Property Type	Number
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**PATENT**  
**REEL: 026190 FRAME: 0123**

## ASSIGNMENT

WHEREAS, We/I, Markus MULTRUS, Nikolaus RETTELBACH, Stefan BAYER, Bernhard GRILL, and Manuel JANDER, hereinafter referred to as "ASSIGNOR(S)", have invented certain new and useful improvements, as described and set forth in the below-identified application for United States Letters Patent entitled:

**METHOD FOR ENCODING A SYMBOL, METHOD FOR DECODING A SYMBOL,  
METHOD FOR TRANSMITTING A SYMBOL FROM A TRANSMITTER TO A  
RECEIVER, ENCODER, DECODER AND SYSTEM FOR TRANSMITTING A SYMBOL  
FROM A TRANSMITTER TO A RECEIVER**

Filing Date: January 11, 2011 Serial No. 13/004,374

WHEREAS, Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V., a corporation duly organized under and pursuant to the laws of the country of Germany, having its principal place of business at Hansastrasse 27c, 80686 Munich, Germany, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title, and interest in the said invention and application and in any Letters Patent which may be granted with regard to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, ASSIGNOR(S) have sold, assigned, and transferred, and by these presents does sell, assign, and transfer unto the said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title, and interest in and to said invention, said application for United States Letters Patent and any Letters Patent which may be hereafter granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or part, substitutions, conversions, reissues, revivals, prolongation, or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR(S) had this assignment and transfer not been made, for all time.

ASSIGNOR(S) further agrees that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE may lawfully request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

ASSIGNOR(S) grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

IN TESTIMONY WHEREOF, ASSIGNOR(S) has hereunto signed his name to the assignment on the date indicated below.

  
Markus MÜLTER

18.7.2011  
Date

  
Nikolaus RETTELACH

21.3.2011  
Date

  
Stefan BAYER

30.03.2011  
Date

  
Bernhard GRILL

18.03.2012  
Date

  
Manuel JÄNDER

18.03.2011  
Date