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(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)					Patent and Trademark Of	
Tab settings ⇒⇒⇒ ▼					<b>* *</b>	
To the Honorable Com	nmissioner for	ratehis Tieasc	14644.0	ginal docu	iments or copy thereof.	
Name of conveying party(ies):			Name and address of receiving party(ies):			
Detlef Marpe			I .		er-Gesellschaft zur	
2. Thomas Wiegand			Förderung der Angewandten Forschung E.V.			
(Additional name(s) of conveying p	arty(ies) attache	ed) Yes⊠No	Street	Address: Le	eonrodstr. 54	
2. Nature of conveyance:			State: <u>München</u>			
☐ Security Agreement	□ Chan	ge of Name	Country	y: <u>German</u> y	L	
Other  Execution Date: December 24, 2003			Zip: <u>D-80636</u>			
Execution Date: Decemb						
			Additional	name(s) & addr	ess(es) attached □Yes ⊠No	
4. Application number(s) or p		• •			9 <u>~</u>	
If this document is being filed	d together wi	th a new appli	1		f the appliestion is:	
A. Patent Application No.(s)		B. Patent No.(s)				
10/727,801				27 M 8:		
		dditional numbers	attached ☐ Yes ☒			
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involve				
Name: Lerner and Greenberg			7. Total fee (37 CFR 3.41)\$ 40.00			
Internal Address:			☑ Enclosed			
Street Address: P.O. Box	Street Address: P.O. Box 2480			☐ Authorized to be charged to deposit account		
City: Hollywood						
City: Hollywood			8. Deposit ad	count numbe	- <del></del>	
City: <u>Hollywood</u> State: <u>FL</u>			8. Deposit ad	count numbe	- <del></del>	
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State: FL ZIP: 33022  9. Statement and signature. To the best of my known any attached copy is a tank RALPH E. LOCK REG. NO. 41,9	true copy o HER 947	belief, the fo	(Attach duple THIS SPACE oregoing info	licate copy of this	June 23, 2005	
State: FL ZIP: 33022  9. Statement and signature. To the best of my known any attached copy is a terminal statement.	true copy o HER 947	belief, the fo	(Attach duple THIS SPACE	licate copy of this	grape by deposit account)  true and correct and  June 23, 2005  Date	
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State: FL ZIP: 33022  9. Statement and signature. To the best of my know, any attached copy is a tank attached copy is a tank attached. NO. 41,9  Name of Person Signing	HER HER 1947	belief, the fo	(Attach duple THIS SPACE oregoing infoliation of the comment.)	ermation is	June 23, 2005  Date	

PATENT REEL: 016725 FRAME: 0234 Docket No.: S&ZFH030508

## **ASSIGNMENT**

WHEREAS WE, DETLEF MARPE and THOMAS WIEGAND, both residing at BERLIN, Germany, have invented certain new and useful improvements in a

METHOD AND ARRANGEMENT FOR ARITHMETIC ENCODING AND DECODING BINARY STATES AND A CORRESPONDING COMPUTER PROGRAM AND A CORRESPONDING COMPUTER-READABLE STORAGE MEDIUM

for which an application for Letters Patent of the United States of America was executed on the date of execution of this assignment;

WHEREAS, FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E. V., a German registered association of Germany doing business at München, Germany, is desirous of acquiring the entire interest in said invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that for and in consideration of our employment by the said registered association and other valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said registered association, its legal representatives, successors and assigns, the full and exclusive right to the said invention as fully set forth and described in the abovementioned application, and to said application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of said Letters Patent, the same to be held and enjoyed by the said registered association, its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND WE hereby authorize the Commissioner for Patents to issue any and all Letters Patent of the United States on said invention or resulting from said Application and from any and all divisions and continuations thereof to the said registered association as the assignee of the entire right, title and interest in and to the same.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

In the presence of.

Witness DETLEF MARI

( la)

(1.6)

December 24,2003

Witness

THOMAS WIEGAND

Date

Date

December 24,2003

PATENT REEL: 016725 FRAME: 0235

**RECORDED: 06/27/2005**