application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: 10/1/2004

Mathias Richter, Inventor

Dated: 10/11/2004

Mirko/Sauermann, Inventor

RECORDED: 10/21/2004

		24-2004	
5/20/04	: (EB)E: ((A) EB)E ((A)		
To The Honorable Commissioner of Patents	on.		ginal documents or copy thereof.
1. Name of conveying party(ies):	1027	751377	c. receiving party(ies):
LUIGI GRASSO April 29, 2004		Name: MORPHOTEK INC.	
First Assignor Date of Execution		Street Address: 210 WELSH POOL ROAD	
NICHOLAS C. NICOLAIDES April 29, 2004 Second Assignor Date of Execution		City: EXTON	
PHILIP M. SASS April 29, 2004 Third Assignor Date of Execution		State: PA	ZIP: 19341
		Additional name(s) & address attached? YES NO	
ERIC ROUTHIER April 29, 2004 Third Assignor Date of Execution		3. Nature of Conveyance (check only one):	
Additional name(s) of conveying party(ies) attached? YES NO			nt Security Agreement
		Cross-reference of Assignment filed in United States Application No. / , , recorded on at Reel No. and Frame No.	
		at Reel No.	and Frame No.
4. Identification of Application number(s) patent number(s) OR		data of evacution of a	polication to which agains and refers
4. Identification of Application number(s), patent number(s) OR date of execution of application to which assignment refers:			
Application Nos.:	Patent Nos.:		Date application was signed by the first named executing inventor
60/528,269			
		•	(Fill-in this date only if assignment is filed together with a new application)
5. Name and address of party to whom correspondence concerning documents should be mailed:		6. Total number of applications and patents involved: 1	
Name: Felicity E. Groth, Esq.		7. Total fee (37 CFR 3.41): \$40.00	
WOODCOCK WASHBURN LLP One Liberty Place - 46th Floor		 ☑ Enclosed ☐ Authorized to be charged to Deposit Account Number 	
Philadelphia, Pennsylvania 19103-7301		23-3050	
215-568-3100		8. Please charge any deficiency or credit any overpayment to Deposit Account Number 23-3050	
DO NOT USE THIS SPACE			
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.			
lanet T. Griffin – Patent Prosecution Paralegal			
Name of Person Signing Signature Date			
Total number of pages including cover sheet, assignment document and additional pages attached thereto: 5			
Mail documents to be recorded with required coversheet information to:			
Mail Stop Assignment Recordation Services 05/21/2004 MGETACHE 00000017 60528269 Director of the US Patent and Trademark Office			
01 FC:8021 40.00/0P Alexandria, VA 22313-1450			
VI TG-DULI 40-100 P			

PATENT REEL: 015344 FRAME: 0301 **DOCKET NO.: MOR-0253 / HD0009 P**

PATENT Joint Inventors/Contributors

(Provisional Application; Application No. Known)

ASSIGNMENT

WHEREAS, we Luigi Grasso, Nicholas C. Nicolaides, Philip M. Sass and Eric Routhier, hereinafter referred to as the assignors, residing respectively at 707 Conshohocken State Road, Bala Cynwyd, Pennsylvania 19004, 4 Cider Mill Court, Boothwyn, Pennsylvania 19061, 1903 Black Hawk Circle, Audubon, Pennsylvania 19403 and 547 Concord Pike, Glen Mills, Pennsylvania 19342 are the joint inventors and/or contributors of certain inventions or improvements for which we have filed a provisional application in the United States Patent and Trademark Office, identified as Application No. 60/528,269, filed December 8, 2003, entitled ANTIBODIES THAT SPECIFICALLY BIND PMS2; and

WHEREAS, MORPHOTEK INC. hereinafter referred to as the assignee, of 210 Welsh Pool Road, Exton, Pennsylvania 19341, a corporation of Pennsylvania, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said provisional application, and to any patent application(s) corresponding thereto, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said provisional application and any and all corresponding patent application(s) and continuations, divisions and renewals of and substitutes for said corresponding patent application(s), and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names corresponding patent applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said provisional application and said corresponding patent application(s) and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said

PATENT REEL: 015344 FRAME: 0302

Joint Inventors/Contributors

assignee or to its nominee all known facts respecting said inventions or improvements, said provisional application, said corresponding patent application(s) and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on any applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of any corresponding patent application(s) aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereun to set our hands and seals.

04/29/04

Luigi Gra

STATE OF PENNSYLVANIA

: : SS NOTARIAL SEAL
THOMAS W. APPLE, NOTARY PUBLIC
WEST WHITELAND TWP., CHESTER COUNTY
MY COMMISSION FYPIRES HILV 18, 2007

COUNTY OF <u>Chester</u>

On this day of April , year of 2004, before me personally came the above named Luigi Grasso to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public W

NOTARIAL SEAL THOMAS W. APPLE, NUTARY PUBLIC WEST WHITELAND TWP., CHESTER COUNTY MY COMMISSION PAPIRES MILY 18, 2007

> PATENT REEL: 015344 FRAME: 0303

DOCKET NO.: MOR-0253 / HD0009 P - 3 -

PATENT

Joint Inventors/Contributors

04/29/04

Michalas C. Nicalaidas

STATE OF PENNSYLVANIA:

: SS COUNTY OF Chester : NOTARIAL SEAL
THOMAS W. APPLE, NOTARY PUBLIC
WEST WHITELAND TWP, CHESTER COUNTY
MY COMMISSION EXPIRES JULY 18, 2007

On this 25th day of PPRIL , year of 2004, before me personally came the above named Nicholas C. Nicolaides to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

NOTARIAL SEAL
THOMAS W. APPLE, NOTARY PUBLIC
WEST WHITELAND TWP., CHESTER COUNTY
MY COMMISSION EXPIRES JULY 18, 2007