	DATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE Patent & Trademark Office
	$\begin{array}{c} \text{PATENTS ONLY} \\ \end{array} $
101688800	emarks: Please record the attached original document(s) or copy(ies) thereof.
 Name of conveying party(ies): Samuel I. Achilefu Raghavan Rajagopalan Richard B. Dorshow Joseph E. Bugaj 	 3. Name and address of receiving party(ies): Name: Mallinckrodt Inc. Internal Address: Street Address: 675 McDonnell Blvd. City: St. Louis State: Missouri 63134
Additione name(s) of conveying party(ies) attached Additione name(s) of conveying party(ies) attached Executive name(s) of conveying party(ies) attached Additione name(s) of conveying party(ies) attached Additione name(s) of conveying party (ies) attached Additione name(s) of conveying party (ies) attached Executive name(s) of conveying party (ies) attached Additione name(s) of conveying party (ies) attached Executive name(s) of conveying party (ies) attached Additione name(s) of conveying party (ies) attached Additione name(s) of conveying party (ies) attached Additione name(s) of conveying party (ies) attached Executive name(s) of conveying party (ies) attached Additione name(s) of conveying party (ies) attached Executive name(s) of conveying party (ies) attached Additione name(s) of conveying party (ies) attached Ad	r ge of Name <u>Bugaj);</u>
 A. Patent Application No.(s) 5. Name and address of party to w 	ther with a new application, the execution date of the application is: B. Patent No.(s) Additional numbers attached? □ Yes 図 No thom 6. Total number of applications and patents
correspondence concerning doc should be mailed:	ument involved: I
Name: <u>Beverly A. Lyman, Esqui</u> Internal Address:	<u>re</u> 7. Total fee (37 CFR 3.41):\$40.00
<u>WOOD, HERRON & E</u> <u>2700 Carew Tower</u> <u>Cincinnati, OH</u> 45202-	L'Authorized to be charged to deposit a
Gunnet Address: 441 Vine Street	ip: <u>45202-2917</u> (Attach duplicate copy of this page if paying by deposit account)
	DO NOT USE THIS SPACE
 9. Statement and Signature. To the best of my knowledge a attached copy is a true copy of <u>Beverly A. Lyman</u> Reg. No. 41,961 Total number of page 	and belief, the foregoing information is true and correct and any f the original document. Signature Date Date and correct and any $f = \frac{24 + 10}{10} = 0$
	PATENT

REEL: 11710 FRAME: 0665

ASSIGNMENT OF INVENTION AND PATENTS THEREON

WHEREAS, we, <u>Samuel I. Achilefu</u> of <u>3424 San Sevilla Court, St.</u> Louis in the State of <u>Missouri 63044</u>, <u>Raghavan Rajagopalan</u> of <u>13031 Vinson</u> <u>Court, Maryland Heights</u> in the State of <u>Missouri 63043</u>, <u>Richard B. Dorshow</u> of <u>11977 Niehaus Lane, St. Louis</u> in the State of <u>Missouri 63146</u>, and <u>Joseph E. Bugaj</u> of <u>2916 Kettering Drive, St. Charles</u> in the State of <u>Missouri</u> <u>63303</u> have invented a new and improved <u>HYDROPHILIC CYANINE DYES</u> as fully disclosed in an application for Patent so entitled and filed by us on January 9, 2001 as Express Mail No. EL610088706US, preparatory to obtaining Letters Patent of the United States therefor; and whereas, <u>Mallinckrodt Inc.</u> a corporation organized under the Laws of the State of <u>Delaware</u>, and having its principal office at <u>675</u> <u>McDonnell Boulevard</u>, <u>St. Louis</u>, <u>Missouri 63134</u> desires to acquire the entire interest in and to the subject-matter disclosed in said application and in and to all patents issued or to be issued thereon.

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said <u>Mallinckrodt Inc.</u> our entire right, title and interest in and to the subject-matter disclosed in said application and in and to all Letters Patent Domestic and Foreign issued or to be obtained thereon, including all rights and interests with priority rights under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperative Union, European Patent Convention, Common Market Convention, or any other Convention or Union for each country of said Convention or Union; and we do hereby authorize and request the Commissioner of Patents to issue the Letters Patent granted on said application and all future patents granted upon the subject-matter disclosed therein to the above named Assignee, its legal representatives and assigns.

Witness my hand this	Staday of A	fmil_	2001.
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Samuel I. Achilefu Inventor.

Name

Inventor. Signature

STATE OF) ss. COUNTY OF Stand

On this <u>b</u> day of <u>hpc</u>, 2001, before me personally appeared <u>Samuel I. Achilefu</u>, to me known and known to me to be the above named individual who duly acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified.

Motáry Public

SEAL

Witness my hand this _____ day of _____, 2001.

Raghavan Rajagopalan Inventor.

Name

Inventor.

Signature

STATE OF _____) ss.

COUNTY OF ______)

On this _____ day of ______, 2001, before me personally appeared <u>Raghavan Rajagopalan</u>, to me known and known to me to be the above named individual who duly acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified.

Notary Public

Witness my hand this _____ day of _____, 2001.

Samuel I. Achilefu Inventor. Name

Inventor.

Signature

STATE OF _____))) ss. COUNTY OF _____

On this ____ day of _____, 2001, before me personally appeared Samuel I. Achilefu, to me known and known to me to be the above named individual who duly acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified.

Notary Public

SEAL

Witness my hand this day of April, 2001.

Raghavan Rajagopalan ____Inventor.

Name. Puplavon Rafnorpulan Inventor.

STATE OF Missouri) ss.

On this $(\underline{\mu}^{H})$ day of $(\underline{\mu}^{H})$, 2001, before me personally

appeared Raghavan Rajagopalan, to me known and known to me to be the above named individual who duly acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified.

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"NOTARY SEAL"	2
Tammy A. Torres, Notary Public	ź
St. Louis County, State of Missouri	ζ
St. Louis County, State of Milocount	Ź
SMA Commission Expires 12/15/2002	3
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for A. La Jotary Pub

Witness my hand this $\underline{-7}^{th}$ day of $\underline{-March}_{-}$, 2001.
Richard B. Dorshow Inventor. Name Muchand Dorshow Inventor. Signature
STATE OF Missouri) ss. COUNTY OF St. Louis)
On this $\underline{1^{++}}$ day of $\underline{March}_{, 2001}$, before me personally appeared <u>Richard B. Dorshow</u> , to me known and known to me to be the above named individual who duly acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified.
"NOTARY SEAL " Tammy A. Torres, Notary Public St. Louis County, State of Missouri SEALCommission Sciences 12/15/2002
Witness my hand this day of, 2001.
<u>Joseph E. Bugaj</u> Inventor. Name
Inventor. Signature
STATE OF) SS. COUNTY OF)
On this day of, 2001, before me personally appeared <u>Joseph E. Bugai</u> , to me known and known to me to be the above named individual who duly acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified.

Notary Public

SEAL

Witness my	' hand	this	day of	, 2001.
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Richard B. Dorshow Inventor. Name

_____Inventor.

Signature

On this ____ day of ______, 2001, before me personally appeared <u>Richard B. Dorshow</u>, to me known and known to me to be the above named individual who duly acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified.

SEAL

Notary Public

Witness my hand this day of	, 2001
<u>Joseph E. Bugaj</u> Name	_Inventor.
DEAuga	_Inventor.
Signature	
STATE OF Missouri	
) ss. COUNTY OF <u>St. (مانجا</u>)	
On this 6th day of March	, 2001, I
appeared Joseph F. Bugai, to me known and	i known to m

On this <u>6</u> day of <u>*Marck*</u>, 2001, before me personally appeared <u>Joseph E. Bugai</u>, to me known and known to me to be the above named individual who duly acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified.

2	"NOTARY SEAL "	
s	Tammy A. Torres, Notary Public	
- 2	My Commission Laboras 12/15/2002	

Notary Public