Form PTO-1595 R (Rev. 6-93)	06-04-2001	R SHEET	U.S. DEPARTMENT OF COMMERCE
Office OMB No. 065-0011 (exp. 4/94)	101736744		Patent & Trademark
To The Honorable Commissioner of Patents a	and Trademarks: Please record the	attached original document(s)	or copy(ies) thereof.
1. Name of conveying party(ies): 1. Samuel I. Achilefu 2. Raghavan Rajagopalan 3. Richard B. Dorshow 4. Joseph E. Bugaj Additional name(s) of conveying party(ies) attached? 2. Nature of conveyance: X Assignment Merger Security Agreement Change of Nother Execution Date: 1.05-07-2001; 2.05-07-24.05-15-2001	Name Intern Street City: 5 Yes X No State: Count Additional	e and address of receiving party :- Mallinckodt Inc. al Address: Address: 675 McDonnell Bounder St. Louis Missouri 63134 ry: USA name(s) of conveying party(ies) attack	1levard 9863 9863 9863 9863 9863 9863 9863 9863
If this document is being filed together wi A. Patent Application No(s). 19/86397/ 5. Name and address of party to whom	th a new application, the execution B. Patent No(s). Additional numbers attached? 6. Total 1	Yes X No	
A. Patent Application No(s). 19/86397/ 5. Name and address of party to whom correspondence concerning document sho be mailed: Name: David E. Jefferies, Esq. Internal Address: Wood, Herron & Evans, L 2700 Carew Tower Street Address: 441 Vine Street	th a new application, the execution B. Patent No(s). Additional numbers attached? Could 6. Total involve 7. Total involve X Enc. X Autlife if december 1.	Yes X No number of applications and pated: 1 See (37 CFR 33.41): \$40.00 losed norized to be charged to depose deficiencies occur	eents
If this document is being filed together wind A. Patent Application No(s). 19/86397/ 5. Name and address of party to whom correspondence concerning document sho be mailed: Name: David E. Jefferies, Esq. Internal Address: Wood, Herron & Evans, I. 2700 Carew Tower	th a new application, the execution B. Patent No(s). Additional numbers attached? Could Could Additional numbers attached? Could Could	Yes X No number of applications and pated: 1 Yee (37 CFR 33.41): \$40.00 Hosed Horized to be charged to depose	it account
If this document is being filed together wind A. Patent Application No(s). 19/86397/ 5. Name and address of party to whom correspondence concerning document sho be mailed: Name: David E. Jefferies, Esq. Internal Address: Wood, Herron & Evans, L. 2700 Carew Tower Street Address: 441 Vine Street	th a new application, the execution B. Patent No(s). Additional numbers attached? Could Could Additional numbers attached? Could Could	Yes X No number of applications and pated: 1 See (37 CFR 33.41): \$40.00 losed norized to be charged to depose deficiencies occur it Account number: 23-3000 icate copy of this page is paying by deficiency of this page is paying by deficiency of this page is paying by deficiency of the copy of this page is paying by deficiency of the copy of this page is paying by deficiency of the copy of this page is paying by deficiency of the copy of this page is paying by deficiency of the copy of this page is paying by deficiency of the copy of this page is paying by deficiency of the copy of this page is paying by deficiency of the copy o	it account
If this document is being filed together wind A. Patent Application No(s). 19/86397/ 5. Name and address of party to whom correspondence concerning document sho be mailed: Name: David E. Jefferies, Esq. Internal Address: Wood, Herron & Evans, L. 2700 Carew Tower Street Address: 441 Vine Street	th a new application, the execution B. Patent No(s). Additional numbers attached? Ould 6. Total numbers attached? 7. Total numbers attached? X Enc. X Authorised attached? B. Depos (Attach dup) DO NOT USE THIS SPA	rumber of applications and pated: 1 See (37 CFR 33.41): \$40.00 Showed to be charged to depose deficiencies occur See (37 CFR 33.41): \$40.00 See (37 CFR 34.11): \$40.00 See (37 CFR 34.11): \$40.00	it account

Washington, D.C. 20231

ASSIGNMENT OF INVENTION AND PATENTS THEREON

WHEREAS, we, Samuel I. Achilefu of 3424 San Sevilla Court, St. Louis in the State of Missouri 63044, Raghavan Rajagopalan of 13031 Vinson Court, Maryland Heights in the State of Missouri 63043, Richard B. Dorshow of 11977 Niehaus Lane, St. Louis in the State of Missouri 63146, and Joseph E. Bugaj of 2916 Kettering Drive, St. Charles in the State of Missouri 63303 have invented a new and improved TUMOR-TARGETED OPTICAL CONTRAST AGENTS as fully disclosed in an application for Patent and filed by us on even date herewith, preparatory to obtaining Letters Patent of the United States therefor; and whereas, Mallinckrodt Inc. a corporation organized under the Laws of the State of Delaware, and having its principal office at 675 McDonnell Boulevard, St. Louis, Missouri 63134 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 Mallinckrodt Inc. 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 🎹 day c	of May	, 200	01.		
	Samuel I. Achilefu Name		_Inventor.			
	flechilef Signature	·	_Inventor.			
STATE OF	Missone !					
COUNTY OF	Shoris !	ss.				
named indivi	On this day of muel I. Achilefu, to midual who duly acknown act and deed and wified.	e known/ar vledged the	nd known signing c	to me to be of the forego	the above ing instrume	ent to oses
SEAL	ć	Notary	Public	TEN M		
Witness my	hand this day o <u>Raghavan Rajagopala</u> Name			01.		
	Signature		_Inventor.			
STATE OF _)	se				
COUNTY OF)	33.				
named indivi	On this day of ghavan Rajagopalan, t dual who duly acknov ry act and deed and w ified.	to me know vledged the	n and kno signing o	own to me to of the forego	o be the abo ing instrume	nt to
		Notary	/ Public		····	
SEAL		/	· -			

PATENT

REEL: 011844 FRAME: 0670

With Coo my	
	Samuel I. Achilefu Inventor.
	Name
	lm venden
	Inventor. Signature
STATE OF _)
COUNTY OF) ss.)
appeared Sar named individual	On this day of, 2001, before me personally muel I. Achilefu, to me known and known to me to be the above dual who duly acknowledged the signing of the foregoing instrument to y act and deed and who executed the same for the uses and purposes fied.
	Notary Public
SEAL	
	hand this 7th day of MAY, 2001. Raghavan Rajagopalan Inventor. Name, Full May May 1 and
STATE OF _	Ohio) ss. Luyahoga)
named individual	On this 7 day of May, 2001, before me personally ghavan Rajagopalan, to me known and known to me to be the above dual who duly acknowledged the signing of the foregoing instrument to ry act and deed and who executed the same for the uses and purposes fied.
	Wich & Chilman
SEAL	Notary Public Experies 2/19/06

-2-

Witness my hand this $\frac{9}{100}$ day of $\frac{100}{100}$, 2001.
Richard B. Dorshow Inventor. Name Inventor. Signature
STATE OF Missouri)) ss. COUNTY OF St. Louis)
COUNTY OF St. Louis
On this
Witness my hand this day of, 2001.
<u>Joseph E. Bugaj</u> Inventor. Name
Inventor.
Signature
STATE OF)) ss.
COUNTY OF) ss.
On this day of, 2001, before me personally appeared Joseph E. Bugaj, 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.
	Richard B. Dorshow Name	lnventor.
		Inventor.
	Signature	
STATE OF _)) ss.	
COUNTY OF) ss.)	
named indiv	chard B. Dorshow, to me idual who duly acknowled ry act and deed and who	, 2001, before me personally known and known to me to be the above dged the signing of the foregoing instrument to executed the same for the uses and purposes
SEAL		Notary Public
Witness my	hand this 15th day of _	May , 2001.
	Joseph E. Bugaj Name	Inventor.
	Signature Signature	lnventor.
STATE OF	Vew Hoonshire!	
COUNTY O	Vew Hoopshire) ss. F Hillsborasch)	
appeared <u>Jo</u> individual w	On this day of \text{On this begin to me know ho duly acknowledged the tand deed and who exe	, 2001, before me personally own and known to me to be the above named ne signing of the foregoing instrument to be a cuted the same for the uses and purposes
		Notary Public
SEAL		Tropary I dollo

-3-

RECORDED: 05/23/2001