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OMB No. 065-0011 (exp. 4/94)



101844862

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

<p>1. Name of conveying party(ies):</p> <p>1. Samuel I. Achilefu 2. Raghavan Rajagopalan 3. Richard B. Dorshow 4. Joseph E. Bugaj</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>3. Name and address of receiving party(ies):</p> <p>Name: <u>Mallinckrodt Inc.</u> Internal Address: _____ Street Address: <u>675 McDonnell Boulevard</u> City: <u>St. Louis</u> State: <u>Missouri 63134</u> Country: <u>USA</u></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>2. Nature of conveyance:</p> <p><input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other <u>Corrective Assignment</u></p> <p>Execution Date: <u>1. 05-07-2001; 2. 05-07-2001; 3. 05-09-2001;</u> <u>4. 05-15-2001</u></p>	

4. Application number(s) or patent number(s): Application No.: 09/863,971
If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No(s). _____ B. Patent No(s). _____
Additional numbers attached? ☐ Yes ☒ No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>David E. Jefferies, Esq.</u> Internal Address: <u>Wood, Herron & Evans, L.L.P.</u> <u>2700 Carew Tower</u> Street Address: <u>441 Vine Street</u> City: <u>Cincinnati</u> State: <u>Ohio</u> Zip: <u>45202</u></p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 33.41): <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account if deficiencies occur</p> <p>8. Deposit Account number: <u>23-3000</u> (Attach duplicate copy of this page is paying by deposit account)</p>
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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.

David E. Jefferies, Reg. No. 46,800
Name of Person Signing

Signature

September 7, 2001
Date

Total number of pages including cover sheet, attachments, and document: 9

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PATENT

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06-04-2001

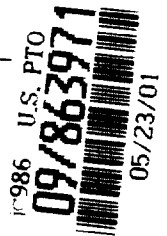
Office
OMB No. 065-0011 (exp. 4/94)



101736744

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

<p>1. Name of conveying party(ies): <u>05/23/01</u></p> <p>1. Samuel I. Achilefu 2. Raghavan Rajagopalan 3. Richard B. Dorshow 4. Joseph E. Bugaj</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>3. Name and address of receiving party(ies):</p> <p>Name: <u>Mallinckodt Inc.</u> Internal Address: _____ Street Address: <u>675 McDonnell Boulevard</u> City: <u>St. Louis</u> State: <u>Missouri 63134</u> Country: <u>USA</u></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>2. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: <u>1. 05-07-2001; 2. 05-07-2001; 3. 05-09-2001;</u> <u>4. 05-15-2001</u></p>	



4. Application number(s) or patent number(s): Application No.:

If this document is being filed together with a new application, the execution date of the application is: May 23, 2001

A. Patent Application No(s). _____ B. Patent No(s). _____
Additional numbers attached? ☐ Yes ☒ No

09/863971

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>David E. Jefferies, Esq.</u> Internal Address: <u>Wood, Herron & Evans, L.L.P.</u> <u>2700 Carew Tower</u> Street Address: <u>441 Vine Street</u> City: <u>Cincinnati</u> State: <u>Ohio</u> Zip: <u>45202</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 33.41): <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account if deficiencies occur</p> <p>8. Deposit Account number: <u>23-3000</u> (Attach duplicate copy of this page is paying by deposit account)</p>
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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.

David E. Jefferies, Reg. No. 46,800
Name of Person Signing

[Signature]
Signature

May 23, 2001
Date

Total number of pages including cover sheet, attachments, and document: 7

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Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

PATENT

REEL: 012154 FRAME: 0056

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 7th day of May, 2001.

Samuel I. Achilefu Inventor.
Name

Samuel I. Achilefu Inventor.
Signature

STATE OF Missouri)
COUNTY OF St. Louis) ss.

On this 7th day of May, 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.

Kimberly H. [Signature]
Notary Public

SEAL

Witness my hand this _____ day of _____, 2001.

Raghavan Rajagopalan Inventor.
Name

Signature

STATE OF _____)
COUNTY OF _____) ss.

On this ____ day of _____, 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.

Notary Public

SEAL

Witness my hand this _____ day of _____, 2001.

Samuel I. Achilefu _____ Inventor.
Name

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 7th day of MAY, 2001.

Raghavan Rajagopalan Inventor.
Name,

Name Fajharom Fajissalam Inventor.
Signature

STATE OF Ohio)
) ss.
COUNTY OF Cuyahoga)

On this 7 day of May, 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.

Nick G. Gibson
Notary Public Expires 2/19/06

SEAL

Witness my hand this 9 day of May, 2001.

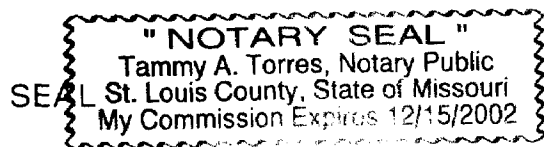
Richard B. Dorshow Inventor.

Name

Richard Dorshow Inventor.
Signature

STATE OF Missouri)
) ss.
COUNTY OF St. Louis)

On this 9 day of May, 2001, before me personally appeared Richard B. Dorshow, 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.



Tammy A. Torres
Notary Public

Witness my hand this _____ day of _____, 2001.

Joseph E. Bugaj Inventor.

Name

Signature

STATE OF _____)
) ss.
COUNTY OF _____)

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 Inventor.
Name

Signature

STATE OF _____)
) ss.
COUNTY OF _____)


On this ____ day of _____, 2001, before me personally appeared Richard B. Dorshow, 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 15th day of May, 2001.

Joseph E. Bugaj _____ Inventor.
Name

 _____ Inventor.

STATE OF New Hampshire)
COUNTY OF Hillsborough) SS.

On this 15th day of May, 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.

Nancy E. Manderou
Notary Public

SEAL