

FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

M&amp;G-00758.1522US01

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Melvin Schindler

Hoo Young Chung

Donaldson Company, Inc.

## 2. Name and address of receiving party(ies):

Michigan State University, East Lansing, Michigan 48824

Donaldson Company, Inc., 1400 West 94th Street, Bloomington,  
Minnesota 55440-1299

Michigan State University, East Lansing, Michigan 48824

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒  
☐  
☐

Assignment

Security Agreement

Other:

☐  
☐

Merger

Change of Name

Execution Date: April 9, 2004, April 12, 2004, March 30, 2004

## 4. Application number(s) or patent number(s):

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

## A. Patent Application No.(s)

10/703,169

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Eric E. DeMaster  
Address: Merchant & Gould P.C.  
P.O. Box 2903  
Minneapolis, MN 55402-0903

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41): \$120.00

☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725

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.

Eric E. DeMaster

Name of Person Signing



Signature

March 28, 2006

Date

Total number of pages including cover sheet, attachments, and document: 13

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services  
Director - U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

23552

PATENT TRADEMARK OFFICE

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

## INSTRUCTIONS

## ASSIGNMENT

## WHEREAS,

Inventor(s) Name,  
Address, Citizenship

1. Melvin Schindler residing at 117 Bedford Court, Piscataway, New Jersey, 08854 and a citizen of U.S.A.;

Date Patent Declaration  
Signed and Title Serial  
No. and filing date (if  
known)

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on November 5, 2003 for this invention, which application is entitled NANOFIBRILLAR STRUCTURE AND APPLICATIONS INCLUDING CELL AND TISSUE CULTURE and which has been given Serial Number 10/703,169 and the filing date of November 5, 2003;

Name of Assignee

AND WHEREAS Michigan State University (herein called "ASSIGNEE"), a non-profit educational institution, and having an office and place of business in East Lansing, Michigan, 48824

State or Country of  
Assignee and Address

wishes to acquire the entire share of the right, title and interest conveyable by THE UNDERSIGNED in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire share of the right, title and interest for the United States conveyable by THE UNDERSIGNED in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire share of the right, title and interest conveyable by THE UNDERSIGNED in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire share of the right, title and interest conveyable by THE UNDERSIGNED in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand and the dates indicated below:

Each inventor must sign & date

Melvin Schindler  
Signature

4/9/04  
Date

Note: No legalization or other  
witness required

PATENT

REEL: 017394 FRAME: 0174

## INSTRUCTIONS

ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

## WHEREAS,

Inventor(s) Name,  
Address, Citizenship1. Hoo Young Chung residing at 7608 West 101st Street, Bloomington,  
Minnesota 55438 and a citizen of U.S.A.;Date Patent Declaration  
Signed and Title Serial  
No. and filing date (if  
known)(herein called "THE UNDERSIGNED") have made an invention and have  
executed an application for Letters Patent of the United States on November 5,  
2003 for this invention, which application is entitled NANOFIBRILLAR  
STRUCTURE AND APPLICATIONS INCLUDING CELL AND TISSUE  
CULTURE and which has been given Serial Number 10/703,169 and the filing  
date of November 5, 2003;

Name of Corporation

AND WHEREAS Donaldson Company, Inc. (herein called "ASSIGNEE"), a  
corporation organized under the laws of Delaware, and having an office and  
place of business at P.O. Box 1299, 1400 West 94th Street, Minneapolis,  
Minnesota, 55440-1299State or Country of  
Incorporation and Addresswishes to acquire the entire share of the right, title and interest conveyable by  
THE UNDERSIGNED in and to said invention and patent application and any  
Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and  
other good and valuable consideration, the receipt and sufficiency of which is  
hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to  
the ASSIGNEE, its successors and assigns, the entire share of the right, title and  
interest for the United States conveyable by THE UNDERSIGNED in and to the  
invention disclosed in the aforesaid application, and in and to the said  
application, all divisions, continuations, or renewals thereof, all Letters Patent  
which may be granted therefrom, and all reissues or extensions of such patents,  
and THE UNDERSIGNED hereby authorize and request the Commissioner of  
Patents to issue any and all United States Letters Patent for the aforesaid  
invention to the ASSIGNEE of the entire share of the right, title and interest  
conveyable by THE UNDERSIGNED in and to the same, for the use of the  
ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their  
executors and legal representatives will make, execute and deliver (without  
charge but at the expense of the ASSIGNEE) any and all other instruments in  
writing including any and all further application papers, affidavits, assignments  
and other documents, and will communicate to said ASSIGNEE, its successors  
and representatives all facts known to THE UNDERSIGNED relating to said  
invention and the history thereof and will testify in all legal proceedings and  
generally do all things which may be necessary or desirable to vest the  
ASSIGNEE, its successors or assigns the entire share of the right, title and  
interest conveyable by THE UNDERSIGNED in and to the said invention,  
applications, Letters Patent, rights, titles, benefits, privileges and advantages  
hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors  
and assigns, that no assignment grant, mortgage, license or other agreement  
affecting the rights and property herein conveyed has been or will be made to  
others by THE UNDERSIGNED, and that full right to convey the same as  
herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their  
hand on the dates indicated below.

Each inventor must sign &amp; date

Hoo Young Chung April 12, 2004  
Signature Date

Note: No legalization or other  
witness required

PATENT

REEL: 017394 FRAME: 0175

**EXHIBIT A****ASSIGNMENT OF RIGHTS**

WHEREAS, Michigan State University ("MSU"), having a principal place of business in East Lansing, Michigan 48824 has developed and is continuing research in the area of certain technology, know-how or inventions disclosed in US Patent Application No. 10/703169, entitled "Nanofibrillar Structure and Applications including Cell and Tissue Culture," filed on November 5, 2003, and naming Melvin Schindler and Hoo Young Chung as inventors (collectively the "Patent Rights"); and

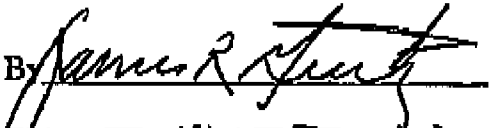
WHEREAS, Donaldson Company, Inc. ("Donaldson"), having a principal place of business at 1400 West 94<sup>th</sup> Street, Bloomington, Minnesota 55431 is a co-owner of the Patent Rights by virtue of the fact that one or more employees of Donaldson co-invented the Patent Rights with one or more employees of MSU; and

WHEREAS, MSU is desirous of obtaining all of Donaldson's right, title and interest in and to the Patent Rights subject to the License Agreement executed by the parties on even date herewith.

NOW THEREFORE, in consideration of the above premises, the aforementioned License Agreement and other good and valuable consideration the receipt and adequacy of which is hereby acknowledged, Donaldson hereby sells, assigns and transfers to MSU its entire interest in and to the Patent Rights subject to the License Agreement executed by the parties on even date herewith.

IN WITNESS WHEREOF, Donaldson has executed this Assignment of Rights on the date set forth below.

Date: 30 March 04

By   
Title: SE VICE PRESIDENT

S/N 10/703,169

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Schindler et al.	Examiner:	Unassigned
Serial No.:	10/703,169	Group Art Unit:	1645
Filed:	November 5, 2003	Docket No.:	00758.1522US01
Title:	NANOFIBRILLAR STRUCTURE AND APPLICATION INCLUDING CELL AND TISSUE CULTURE		

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Michigan State University, a non-profit educational institution, having a place of business in East Lansing, Michigan, 48824, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

- A. ☐ An assignment from the inventor(s), of the patent application identified above.  
The assignment was recorded in the Patent and Trademark Office on , at  
Reel , Frame(s) , or for which a copy is attached.
- B. ☒ A chain of title from the inventor(s) of the patent application identified above to the current assignee as shown below:
1. From: Melvin S. Schindler To: Michigan State University  
The document was recorded in the Patent and Trademark Office at Reel ,  
Frame(s) , or for which a copy thereof is attached.
  2. From: Hoo Young Chung To: Donaldson Company, Inc.  
The document was recorded in the Patent and Trademark Office at Reel ,  
Frame(s) , or for which a copy thereof is attached.
  3. From: Donaldson Company, Inc. To: Michigan State University

PATENT

REEL: 017394 FRAME: 0177

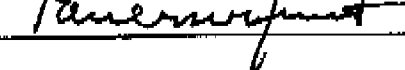
The document was recorded in the Patent and Trademark Office at Reel  
Frame(s) , or for which a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.
- ☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the  
assignee.

I hereby declare that all statements made herein of my own knowledge are true, and  
that all statements made on information and belief are believed to be true; and further, that these  
statements are made with the knowledge that willful false statements, and the like so made, are  
punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States  
Code, and that such willful false statements may jeopardize the validity of the application or any  
patent issuing thereon.

Date: August 4, 2004

By: 

Name:

Dr. Paul M. Hunt  
Associate Vice President for  
Research and Graduate Studies

Title:

## Application Data Sheet

### Application Information

Application Number:: 10703169

Filing Date:: 11/05/03

Application Type:: Regular

Subject Matter:: Utility

Suggested Classification::

Suggested Group Art Unit::

CD-ROM or CD\_R?:: None

Number of CD disks::

Number of copies of CDs::

Sequence Submission:: No

Computer Readable Form (CRF)?:: No

Title:: NANOFIBRILLAR STRUCTURE AND APPLICATIONS  
INCLUDING CELL AND TISSUE CULTURE

Attorney Docket Number:: 00758.1522US01

Request For Early Publication:: No

Request For Non-Publication:: No

Suggested Drawing Figure::

Total Drawing Sheets:: 6

Small Entity:: No

Latin Name::

Variety Denomination Name::

Petition Included:: No

Petition Type::

Licensed US Govt. Agency::

Contract or Grant Numbers::

Secrecy Order in Parent Appl.?:: No

Supplemental 10/703,169 11/05/03

**Applicant Information**

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: U.S.A.  
Status:: Full Capacity  
Given Name:: Melvin  
Middle Name::  
Family Name:: Schindler  
Name Suffix::  
City of Residence:: Piscataway  
State or Province of Residence:: New Jersey  
Country of Residence:: U.S.A.  
Street of mailing address:: 117 Bedford Court  
City of mailing address:: Piscataway  
State or Province of mailing address:: New Jersey  
Country of mailing address:: U.S.A.  
Postal or Zip Code of mailing address:: 08854

**Applicant Information**

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: U.S.A.  
Status:: Full Capacity  
Given Name:: Hoo  
Middle Name:: Young  
Family Name:: Chung  
Name Suffix::  
City of Residence:: Bloomington  
State or Province of Residence:: Minnesota  
Country of Residence:: U.S.A.  
Street of mailing address:: 7608 West 101st Street

Supplemental 10/703,169 11/05/03



City of mailing address:: Bloomington  
State or Province of mailing address:: Minnesota  
Country of mailing address:: U.S.A.  
Postal or Zip Code of mailing address:: 55438

### Correspondence Information

Correspondence Customer Number:: 23552

### Representative Information

Representative Customer Number::	23552
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### Assignee Information

Assignee Name:: Michigan State University  
Street of mailing address::  
City of mailing address:: East Lansing  
State or Province of mailing address:: Michigan  
Country of mailing address:: U.S.A.  
Postal or Zip Code of mailing address:: 48824

Supplemental 10/703,169 11/05/03