



Atty Ref/Docket No.: 1153.035US1

102139149

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

1. Name of conveying party(ies):

Harold G. Craighead and Stephen D Turner

06/24/02

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

Name: Cornell Research Foundation, Inc.

Additional name(s) of conveying party(ies) attached? []Yes [X]No

Street Address: 20 Thornwood Drive
Suite 105

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

City: Ithaca State: NY ZIP: 14850

Additional name(s) & address(es) attached? []Yes [X]No

Execution Date: May 23, 2002; June 7, 2002

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)

B. Patent No.(s)

Serial No. 10/102,268, filed March 19, 2002

Additional numbers attached? []Yes [X]No

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

Name: Bradley A. Forrest

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our Deposit account number: 19-0743

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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.

Rodney L. Lacy/Reg. No. 41,136
Name of Person Signing

R. L. Lacy
Signature

June 18, 2002
Date

Total number of pages including cover sheet: 3

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ASSIGNMENT

WHEREAS, WE, Harold G. Craighead, residing at 21 Fairway Drive, Ithaca, NY 14850,
S.W.T. and Stephen D. Turner, residing at 17 Sheraton Drive, Ithaca, NY 14850, made certain new and
useful inventions and improvements for which We filed an application for Letters Patent of the
United States on March 19, 2002, which application was assigned U.S. patent application serial
number 10/102,268, and is entitled LENGTH-DEPENDENT RECOIL SEPARATION OF LONG
MOLECULES.

AND WHEREAS, Cornell Research Foundation, Inc., a corporation organized and existing
under and by virtue of the laws of the State of New York, and having an office and place of business
at 20 Thornwood Drive, Suite 105, Ithaca, NY 14850, (hereinafter "Assignee") is desirous of
acquiring the entire right, title and interest in and to said inventions, improvements and application
and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable
consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned,
and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors
or assigns, the entire right, title and interest for all countries in and to all inventions and
improvements disclosed in the aforesaid application, and in and to the said application, all divisions,
continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted
therefrom, and all reissues or extensions of such patents, and in and to any and all applications which
have been or shall be filed in any foreign countries for Letters Patent on the said inventions and
improvements, including an assignment of all rights under the provisions of the International
Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do
hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all
United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as
the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee,
its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal
representatives will make, execute and deliver 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 us relating to
said improvements and the history thereof and will testify in all legal proceedings and generally do
all things which may be necessary or desirable more effectually to secure to and vest in said
Assignee, its successors or assigns the entire right, title and interest in and to the said improvements,
inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold,
assigned and conveyed, or intended so to be.

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AND, furthermore we covenant 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 made to others by me/us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23 day of May, 2002.

Harold G. Craighead
Harold G. Craighead

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7th day of June, 2002.

Stephen D. Turner
Stephen D Turner

W.
S.W.T.