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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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Attorney Docket No. 600-1-221NCP

To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Philip L. Lowrey	Name: Northwestern University
Additional name(s) of conveying party(ies) attached? [1] Yes [X] No	Address: 633 Clark Street  Evanston, Illinois 60208
3. Nature of conveyance:	
[X] Assignment [] Merger [] Change of Name  Other:	Additional name(s) & address(es) attached? [] Yes [X] No
Execution Date: October 23, 2000	
<ol> <li>Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application, the</li> <li>A. Patent Application No.(s)</li> <li>09/553,867</li> </ol>	e execution date of the application is:  B. Patent No.(s)
Additional numbers attached? [] Yes [X] No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: David A. Jackson	7. Total fee (37 CFR 3.41): \$40.00
Address: KLAUBER & JACKSON	[X] Enclosed
411 Hackensack Avenue, 4th Floor	[] Authorized to be charged to deposit account, if necessary - for overages or underpayments only
Hackensack, New Jersey 07601	8. Deposit account number:  11-1153  (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 and belief, the foregoing information is true a  Michael D. Davis, Reg. No. 39,161  Name of Person Signing	and correct and any attached copy is a true copy of the original document.

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

Assistant Commissioner For Patents Box Assignments Washington, D.C. 20231

No. 2 No.

PATENT REEL: 011288 FRAME: 0834

Attorney Docket No.: 600-1-221NCP

# **ASSIGNMENT**

WHEREAS, I,

PHILLIP L. LOWREY, a citizen of the United States, residing at 800 Hinman #205 Evanston, IL 60202;

have invented certain new and useful improvements in

### A NOVEL CLOCK GENE AND METHODS OF USE THEREOF

for which I have filed an Application for Letters Patent in the United States on June 19, 1998, and was accorded U.S. Serial No. 09/553,867; and

WHEREAS,

NORTHWESTERN UNIVERSITY.

an education corporation organized and existing under the laws of the State of Illinois, with office at 633 Clark Street, Evanston, Illinois 60208,

ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, for other good and valuable consideration, the receipt of which is hereby acknowledged, I the said

#### PHILLIP L. LOWREY

have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to the said

# NORTHWESTERN UNIVERSITY,

its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the right to claim priority under the terms of any appropriate International Convention based upon said application for Letters Patent of the United States, and all Letters Patent which may be granted from said improvements in any country or countries foreign to the United States and extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States, whose duty is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said

### NORTHWESTERN UNIVERSITY,

it successors, legal representatives and assigns, in accordance with the terms of this instrument.

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AND I HEREBY covenant that I have full right to convey the interest herein assigned in the manner hereinabove set forth, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said

### NORTHWESTERN UNIVERSITY,

its successors, legal representatives and assigns, any fact known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisions, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said

### NORTHWESTERN UNIVERSITY,

its successors, legal representatives and assigns, to obtain and enforce proper Patent Protection for said improvements in the United States.

IN TESTIMONY WHEREOF, I hereunto set our hand and seal the day and year set opposite our signatures.

Date 10/23, 2000

State of

: ss.

County of Cook

Before me this 22 day of Edder 2000, personally appeared PHILLIP L. LOWREY, to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

(Affix Seal Here)

moranamanamanamanoneng "OFFICIAL SEAL" Barbara Spiegel Notary Public, State of Many Commission Exp. (1) American manager of the

**RECORDED: 11/13/2000**