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IAIENTS ONLY

To the Honorable Assistant Commissioner for Patents and Trademarks. Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Andrew Dayn (a.k.a. Andrey Dayn)	Name: Pangene Corporation Internal Address:
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	
3. Nature of Conveyance:  [X] Assignment  [] Security Agreement  [] Other  [] Other	Street Address: 2375 Garcia Avenue City: Mountain View, California Country U.S.A. Zip: 94043 Additional name(s) & address(es) attached?
Execution Date(s): November 30, 2000	() 100 [2] 1.0
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) 08/381,634 (Assignment Originally Recorded at Reel/Frame 7711/0182)	B. Patent No.(s) 5,929,043
09/301,153	
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: 3
Name: Robin M. Silva, Esq. Internal Address: FLEHR HOHBACH TEST ALBRITTON & HERBERT LLP	7. Total fee (37 CFR 3.41):\$120.00  [X] Enclosed [] Authorized to be charged to deposit account
Street Address: Suite 3400 Four Embarcadero Center City: San Francisco State: California Zip: 94111-4187	8. Deposit account number: 06-1300 Please debit any underpayment or credit any overpayment to the above deposit account.  Our Order No. A-60468/RFT/RMS/BTC
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 to the best of my knowledge and belief the attached copy of the original cover sheet and assignment are true copies of the original documents.  Brian T. Clarke, Reg. No. 45,552 for Robin M. Silva, Reg. No. 38,304	
Name of Person Signing  Signature  Total number of pages including cover sheet, assignment and attachment: [5]	
OMB No. 0651-0011 (exp. 4/94)	this portion
Mail documents to be recorded with required cover sheet information to:  Assistant Commissioner for Patents, Box Assignments  Washington, DC 20231  File No. A-60468/RFT/RMS/BTC	
1 IIC 110. <u>A-004-06/14 1/14/15/DTC</u> 1050556 SF)	

## ASSIGNMENT

WHEREAS I, Andrew Dayn (a.k.a. Andrey Dayn) of 4283 Calle Mejillones, San Diego, CA 92130 have invented certain new and useful improvements in RECOMBINASE MEDIATED DNA MODIFICATIONS for which invention I executed an application for Letters Patent of the United States on 31 January 1995, U.S. Serial Number 08/381,634, (now abandoned), from which U.S. Serial No. 08/882,756, filed June 26, 1997 (USPN 5,929,043) is a continuation, from which U.S. Serial No. 09/301,153, filed April 28, 1999 is a continuation; and

Whereas, PANGENE CORPORATION, a corporation of the state of California and having its principal place of business at 2375 Garcia Avenue, Mountain View, California 94043 (hereinafter referred to as assignee) is desirous of acquiring the entire right, title, and interest in and to said invention, said applications and the Letters Patent to be obtained therefore;

Now, therefore, for and in consideration of One Dollar and other good and valuable considerations, to us in hand paid, the receipt and sufficiency whereof are hereby acknowledged, I have sold, assigned, and set over and by these presents do hereby sell, assign, and set over unto the said PANGENE CORPORATION and said assignee's legal representatives, successors and assigns, the entire right, title, and interest in and to said invention, said applications, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the above-mentioned assignee agreeably with the terms of this assignment.

I hereby authorize the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of our said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Upon said consideration, I convey to said assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of the said United States application (or other application if any there be) in priority to other applications; and I do hereby covenant and agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will at any time upon request, without further or additional consideration, but at the expense of the said assignee, execute such additional assignments

PATENT REEL: 011356 FRAME: 0108 and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional renewal, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties.

Date: November 30,2000 (1) Andrew Dayn (a.k.a. Andrey D

County of State of

,) ,)ss.

On this 30 day of <u>November</u>, in the year 2000, before me, Maryalia M. Farland Notary Public of the State of <u>California</u>, personally appeared

(1) Andrew Dayn (a.k.a. Andrey Dayn), personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

RECORDED: 12/11/2000

Mary alie M Forland Signature

(Seal)

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