



To the Honorable Commissioner of Patent

102441170

d original documents or copy thereof.

1. Name of conveying party(ies)

WENDY HUTCHINS

S.I. 03

Additional name(s) of conveying party(ies) attached?

Yes _____ No ☒

3. Nature of conveyance:

☒ Assignment _____ Merger

_____ Security Agreement _____ Change of Name

Other _____

Execution Date: January 16, 2002

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

Name: **SEMBIOSYS GENETICS INC.**

Internal Address: _____

Street Address: Bay #110, 2985-23rd Avenue N.E.City: Calgary State: AlbertaZIP: T1Y 7L3 Country: CanadaAdditional names/addresses attached? Yes _____ No ☒If this document is being filed together with a new application,
the execution date of the application is:A. Patent Application No.(s) **09/880,901**

B. Patent No.(s)

Additional numbers attached? Yes _____ No ☒5. Name and address of party to whom correspondence concerning
document should be mailed:Name: **Micheline Gravelle**Internal Address: **c/o Bereskin & Parr**Street Address: **Box 401, 40 King Street West**City: **Toronto** State: **Ontario** ZIP: **M5H 3Y2**Country: **Canada**6. Total number of applications
and patents involved: 17. Total fee (37 CFR 3.41) **\$40.00**☒ Enclosed in cheque No. **5092**

_____ Authorized to be charged to deposit account

8. Deposit account number:

☒ The Commissioner is authorized to charge any deficiency
in fee or credit any overpayment to our Deposit Account
No. 02-2095.

05/06/2003 ECDOPER 00000135 09880901

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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.**Micheline Gravelle**

Name of Person Signing

Reg. No. 40,261

BP File # 9369-182

Signature

May 1, 2003

Date

Total number of pages comprising cover sheet: 3

ASSIGNMENT

WHEREAS I, Wendy Hutchins, whose full post office address is 602, 3500 Varsity Dr. N.W., Calgary, Alberta, Canada T2L 1Y3, is a co-inventor on a certain invention relating to **"Vaccines comprising oil bodies"** for which a continuation-in-part application for United States Letters Patent was filed on June 15, 2001 as Serial No. 09/880,901, and on a certain invention relating to **"Use of plant oil bodies in vaccine delivery systems"** for which and an International application was filed on June 15, 2001 as Application No. PCT/CA01/00872.

AND WHEREAS the SemBioSys Genetics Inc., a corporation of the Province of Alberta having a place of business at 110, 2985 – 23rd Avenue N.E., Calgary, Alberta, T1Y 7L3, Canada, has acquired from me the whole right, title and interest for the United States of America and all other countries in and to the said invention and in and to any Letter Patent that may be obtained therefor, and in and to said applications.

NOW THEREFORE, in consideration of the sum of five thousand Canadian Dollars (\$ 5000 CAD) payable upon execution of the present agreement and other good and valuable consideration, the receipt of all of which is hereby acknowledged, I, Wendy Hutchins, by these presents confirm that I have sold, assigned and transferred and do hereby sell, assign and transfer unto the said SemBioSys Genetics Inc., the full and exclusive right to the said invention in the United States of America and all other countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor, and the entire right, title and interest in and to said application, and in any to any divisions, continuations, continuations-in-part and extensions of said application, together with the right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property based on said application for United States Letters Patent.

I agree and I will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications thereto in any and all countries, and to vest

title thereto in said assignee, his successors, assigns and legal representatives or nominees.

I hereby authorize and request the Commissioner of Patents and Trademarks to issue and Letters Patent to the said SemBioSys Genetics Inc., the assignee of the entire right, title and interest in and to the same, for his sole use and benefit, and for the use and benefit of his successors and assigns, to the full end of the term for which Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made.

SIGNED this 16th day of Jan, 2002 at Calgary, Alberta, Canada.

J. Alcantara

Witness

Wendy Hutchins

WENDY HUTCHINS