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To the Honorable Commissioner of 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):
Igor Gonda Hans Schreier	Name: Aradigm Corporation Internal Address:
Additional name(s) of conveying party(ies) attached? Yes _X_No	
3. Nature of conveyance: X Assignment (in counterparts Merger Change of Name Security Agreement	Street Address: 26219 Eden Landing Road City: Hayward State: California ZIP: 94545 Additional name(s) & address(es) attached? Yes _X_ No
Other: Execution Date: September 10, 1999 and September 22, 1999	
4. Application numbers(s) or patent number(s): 09/330,903, filed June 11, 1999 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)
09/330,903	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: <u>01</u>
Name: Karl Bozicevic Street Address: BOZICEVIC, FIELD, & FRANCIS LLP 285 Hamilton Avenue, Suite 200 Palo Alto, California 94301	7. Total fee (37 CFR 3.41): \$40.00 X Enclosed Authorized to be charged to deposit account
Telephone: (650) 327-3400 Facsimile: (650) 327-3231	8. Deposit Account No. 50-0815
	The Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 50-0815 with regards to this correspondence.
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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. Oct 7 1999	
Paula A. Borden Name of Person Signing Signature	Date
	Total number of pages comprising cover sheet 03

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Form PTO-1593 (Modified)

Attorney Docket Number 6513-061US1 First Named Inventor Gonda, et al. ASSIGNMENT OF APPLICATION (JOINT) 09/330,903 Application Number Filing Date June 11, 1999 Address to: Title Methods of Delivering Aerosolized... **Box Assignment Assistant Commissioner for Patents** Group Art Unit Washington, D.C. 20231 N/A Examiner Name THIS ASSIGNMENT, by Igor Gonda and Hans Schreier (hereinafter referred to as the assignors), residing at San Francisco, California and Sebastopol, Francisco, California respectively, witnesseth: WHEREAS, the said assignors have invented certain new and useful improvements in Methods of Delivering Aerosolized Polynucleotides to the Respiratory Tract for which an application for a United States Patent was filed on June 11, 1999, Application No. 09/330.903. for which an application for a United States Patent was executed on ____, and WHEREAS, Aradigm Corporation a corporation duly organized under and pursuant to the laws of California, and having its principal place of business at 26219 Eden Landing Road, Hayward, California 94545 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon: NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made. AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth. AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns. AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the sole use and behoof of said assignee, its successors, legal representatives and assigns.

Hans Schreier

REEL: 010304 FRAME: 0369

Name of Inventor

Attorney Docket Number 6513-061US1 First Named Inventor Gonda, et al. ASSIGNMENT OF APPLICATION (JOINT) Application Number 09/330,903 Filing Date June 11, 1999 Address to: Title Methods of Delivering Aerosolized... Box Assignment **Assistant Commissioner for Patents** Group Art Unit Washington, D.C. 20231 N/A **Examiner Name** THIS ASSIGNMENT, by Igor Gonda and Hans Schreier (hereinafter referred to as the assignors), residing at San Francisco, California and Sebastopol, Francisco, California respectively, witnesseth: WHEREAS, the said assignors have invented certain new and useful improvements in Methods of Delivering Aerosolized Polynucleotides to the Respiratory Tract for which an application for a United States Patent was filed on June 11, 1999, Application No. \mathbf{X} 09/330.903. for which an application for a United States Patent was executed on ____, and WHEREAS, Aradigm Corporation a corporation duly organized under and pursuant to the laws of California, and having its principal place of business at 26219 Eden Landing Road, Hayward, California 94545 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon: NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made. AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth. AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns. AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the sole use and behoof of said assignee, its successors, legal representatives and assigns. Name of Inventor Igor Gonda

Hans Schreier

RECORDED: 10/12/1999

Name of Inventor

PATENT REEL: 010304 FRAME: 0370