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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

RECORDATION FORM COVER SHEET **PATENTS ONLY**

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):
Laura Penny Margaret Galvin	Name: AxyS Pharmaceuticals, Inc.
Other: Execution Date: June 29, 1999 and July 1, 1 4. Application numbers(s) or patent number	City: South San Francisco State: CA ZIP: 94080 e of Name Additional name(s) & address(es) attached? YesX No
A. Patent Application No.(s) 09/305,856	B. Patent No.(s)
5. Name and address of party to whom correspondencerning document should be mailed:	ondence 6. Total number of applications and patents involved: 01
Name: Street Address: BOZICEVIC, FIELD, & FR 285 Hamilton Avenue, Suite Palo Alto, California 94301 Telephone: (650) 327-3400 Facsimile: (650) 327-3231	X Enclosed
	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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of the original document. Carol L. Francis	ef, the foregoing information is true and correct and any attached copy is a true copy 1

Attorney Docket Number SEQ-17P First Named Inventor Penny, et al. ASSIGNMENT OF APPLICATION (JOINT) Application Number 09/305856 Filing Date 05/05/99 Address to: Title Genotyping the Human...Gene Box Assignment **Assistant Commissioner for Patents** Group Art Unit N/A Washington, D.C. 20231 Examiner Name N/A THIS ASSIGNMENT, by Laura Penny and Margaret Galvin (hereinafter referred to as the assignors), residing at San Diego, CA and Carlsbad, CA respectively, witnesseth: WHEREAS, the said assignors have invented certain new and useful improvements in Genotyping the Human UDP-Glucuronosyltransferase 1 (UGT1) Gene for which an application for a United States Patent was filed on May 5, 1999, Application No. 09/305856. for which an application for a United States Patent was executed on ____, and WHEREAS, AxyS Pharmaceuticals, Inc. a corporation duly organized under and pursuant to the laws of California,

WHEREAS, AxyS Pharmaceuticals, Inc. a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 180 Kimball Way, South San Francisco, California 94080 (hereinafter referred to as the assignce) 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 abovementioned, 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.

Date 6/29/99	Name of Inventor Saura	a form
•	Laura Penny	
Date	Name of Inventor	
	Margaret Galvin	

Attorney Docket Number SEQ-17P First Named Inventor Penny, et al. ASSIGNMENT OF APPLICATION (JOINT) 09/305856 **Application Number** Filing Date 05/05/99 Address to: Title Genotyping the Human...Gene Box Assignment **Assistant Commissioner for Patents** Group Art Unit Washington, D.C. 20231 N/A Examiner Name THIS ASSIGNMENT, by Laura Penny and Margaret Galvin (hereinafter referred to as the assignors), residing at San Diego, CA and Carlsbad, CA respectively, witnesseth: WHEREAS, the said assignors have invented certain new and useful improvements in Genotyping the Human UDP-Glucuronosyltransferase 1 (UGT1) Gene for which an application for a United States Patent was filed on May 5, 1999, Application No. 09/305856. for which an application for a United States Patent was executed on ____, and WHEREAS, AxyS Pharmaceuticals, Inc. a corporation duly organized under and pursuant to the laws of California, and having its principal place of business at 180 Kimball Way, South San Francisco, California 94080 (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 abovementioned, 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 _ Laura Penny

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Date 7/1/99 Name of Inventor 71/01 garet Galvin