(Rev. 6-93)	10-30-2000 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 101498988 iginal documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Siegfried SCHERER Martin J. LOESSNER	Name: XENOGEN CORPORATION Internal Address:
Additional name(s) of conveying party(ies) attached?	
 3. Nature of conveyance: Assignment Security Agreement Change of Name 	Street Address: <u>860 Atlantic Avenue</u>
Other	City: <u>Alameda</u> State: <u>CA</u> ZIP: <u>94501</u>
Execution Date: August 24, 2000	Additional name(s) & address(es) attached? 🔲 Yes 🔀 No
A, Patent Application No.(s) Additional numbers atta	B. Patent No.(s) 5,824,468 ached? Yes X No
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved:
Name: Charles K. Sholtz Internal Address: Intellectual Property Dept	7. Total fee (37 CFR 3.41) \$ <u>40.00</u> Enclosed Authorized to be charged to deposit account
Street Address: <u>Xenogen Corporation</u> <u>860 Atlantic Avenue</u> City: <u>Alameda</u> State: <u>CA</u> ZIP: <u>94501</u> DO NOT	8. Deposit account number: <u>50-0652</u> (Attach duplicate copy of this page if paying by deposit account) USE THIS SPACE
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(Form PTO--1595--Recordation Form Cover Sheet - page 1 of 3)

PATENT REEL: 011177 FRAME: 0101

ASSIGNMENT Inventor

WHEREAS, Siegfried SCHERER of Frühlingsstrasse 67, D-85354 Freising, Germany and Martin J. LOESSNER of Ulmenstrasse 4, D-85417 Marzling, Germany, hereinafter referred to as ASSIGNORS, have invented certain new and useful improvements as described and set forth in the below-identified United States Letters Patent:

Title of Invention: DETECTION OF LISTERIA BY MEANS OF RECOMBINANT BACTERIOPHAGES May 17, 1996 Serial No: 07/648.978 Filing Date: Patent No. 5,824,468 Issue Date: October 20, 1998

WHEREAS, XENOGEN CORPORATION, located at 860 Atlantic Avenue, Alameda, California 94501, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, in consideration of ASSIGNEE's execution of that certain Patent Assignment Agreement between the parties effective August 7, 2000, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, said Letters Patent, and any additional Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNORS further agree that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS has hereunto signed his name to this assignment on the dates indicated below.

R Date Martin I

Martin J. LOESSNER

August 24, 2000 Date

PATENT REEL: 011177 FRAME: 0102

1185

Urk. Rolle Nr.

/2000

- 2 -

Ich beglaubige die Echtheit der vorstehenden, vor mir vollzogenen Unterschriften von

Herrn Prof. Dr. Siegfried Scherer, geboren am 07.04.1955, Frühlingstraße 67, 85354 Freising,

und

Herrn Dr. Martin J. Loessner, geboren am 17.02.1963, Ulmenstraße 4, 85417 Marzling,

beide je ausgewiesen durch Personalausweis.

Freising, den vierundzwanzigsten August zweitausend

hrau

Notar

RECORDED: 09/06/2000