

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Robert P. Ryall	05/15/2002
RECEIVING PARTY DATA	
Name:	Aventis Pasteur
Street Address:	Discovery Drive
City:	Swiftwater
State/Country:	PENNSYLVANIA
Postal Code:	18370
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13738698
CORRESPONDENCE DATA	
Fax Number:	3129130002
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	312-913-0001
Email:	neth@mbhb.com
Correspondent Name:	McDonnell Boehnen Hulbert & Berghoff LLP
Address Line 1:	300 South Wacker Drive
Address Line 4:	Chicago, ILLINOIS 60606
ATTORNEY DOCKET NUMBER:	01-059-A-DIV
NAME OF SUBMITTER:	Michael S. Greenfield
Total Attachments: 2 source=01-059-A-DIV - Ryall Assignment#page1.tif source=01-059-A-DIV - Ryall Assignment#page2.tif	

CH \$40.00 13738698

ASSIGNMENT

Case No.: 01-059-A
Inventor: Robert P. Ryall
Date of Execution
of Application:

Serial No.: 10/054,638

Filing Date: January 22, 2002

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to:

Aventis Pasteur

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

**Multivalent Meningococcal Polysaccharide-Protein
Conjugate Vaccine**

and identified as:

Case No. 01-059-A

in the offices of McDONNELL BOEHNNEN HULBERT & BERGHOFF and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

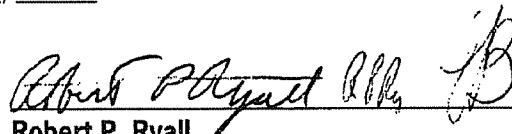
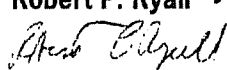
The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

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For said considerations the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

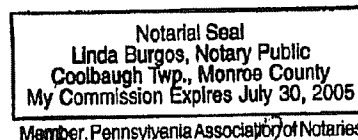
WITNESS my hand and seal this 15 day of May, 2002.

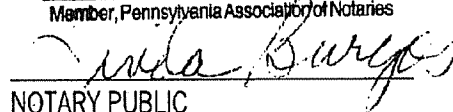

Robert P. Ryall


State of

County of

The foregoing instrument was acknowledged before me this 15 day of
May, 2002 by




NOTARY PUBLIC

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