

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2822136

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAMES B. DALE	03/27/2014
HARRY S. COURTNEY	03/28/2014
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14178021
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ATTORNEY DOCKET NUMBER:	920098.415
NAME OF SUBMITTER:	MAE JOANNE ROSOK
SIGNATURE:	/Mae Joanne Rosok/
DATE SIGNED:	04/21/2014
Total Attachments: 2	
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ASSIGNMENT

WHEREAS, we, James B. Dale and Harry S. Courtney (hereinafter referred to as ASSIGNORS), having mailing addresses of 3884 St. Andrews Green, Memphis, Tennessee 38111 and 311 Kingsway Drive, West Memphis, Arkansas 72301, respectively, are the joint inventors of an invention entitled "GROUP A STREPTOCOCCAL M-RELATED PROTEINS AND METHODS OF USE," as described and claimed in the specification for which an application for United States letters patent was filed on February 11, 2014, and assigned Application No. 14/178,021 and for which an International Application was filed on February 11, 2014 and assigned Application No. PCT/US2014/015834; which applications claim the benefit of U.S. Provisional Application No. 61/918,460, filed on December 19, 2013; U.S. Provisional Application No. 61/764,771, filed on February 14, 2013 and U.S. Provisional Application No. 61/763,314, filed on February 11, 2013;

WHEREAS, University of Tennessee Research Foundation (hereinafter referred to as ASSIGNEE), having a place of business at 1534 White Avenue, Suite 403, Knoxville, Tennessee 37996-1527, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said applications and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions including any extensions or adjustments in term thereof and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said applications to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, and including the right to sue and collect damages for past and present infringement of said letters patent; said invention, applications and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the

making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

MAR 27, 2014
Date


James B. Dale

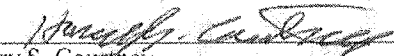
I certify that I know or have satisfactory evidence that James B. Dale is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated March 27, 2014

Signature of Witness 

Printed Name Lois S. Donnelly

MAR 28, 2014
Date


Harry S. Courtney

I certify that I know or have satisfactory evidence that Harry S. Courtney is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 3/28/2014

Signature of Witness 

Printed Name Tom H. Penfound Jr.