505169537 10/31/2018 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5216305

EMMA MASTELLER (KRIS REEDQUIST (RECEIVING PARTY DATA Name: FIVE PRIME THERAPEUTICS, INC. Street Address: 111 OYSTER POINT BLVD City: SOUTH SAN FRANCISCO State/Country: CALIFORNIA Postal Code: 94080 PROPERTY NUMBERS Total: 1 Property Type Number Application Number: 15154822 CORRESPONDENCE DATA	Execution Date 09/06/2013 09/09/2013 09/11/2013				
Name Name BRIAN WONG (EMMA MASTELLER (KRIS REEDQUIST (RECEIVING PARTY DATA (Name: FIVE PRIME THERAPEUTICS, INC. Street Address: 111 OYSTER POINT BLVD City: SOUTH SAN FRANCISCO State/Country: CALIFORNIA Postal Code: 94080 PROPERTY NUMBERS Total: 1 Property Type Number Application Number: 15154822 CORRESPONDENCE DATA Fax Number: (415)520-9567 Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mais a fax number, if provided; if that is unsuccessful, it will be sent via US Mais Phone: Hone: 4153655600 Email: docketing@fiveprime.com Correspondent Name: FIVE PRIME THERAPEUTICS, INC. Address Line 1: 111 OYSTER POINT BLVD	09/06/2013 09/09/2013				
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Correspondent Name:FIVE PRIME THERAPEUTICS, INC.Address Line 1:111 OYSTER POINT BLVD					
Address Line 4: SOUTH SAN FRANCISCO, CALIFORNIA 94080					
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ATTORNEY DOCKET NUMBER: P1010-D1-US					
NAME OF SUBMITTER: DANIELLE M. PASQUALONE					
SIGNATURE: /Danielle M. Pasqualone/	Danielle M. Pasqualone/				
DATE SIGNED: 10/31/2018					

PATENT Attorney Docket No.: FPT-32814/US-4/ORD Client Docket No.: P1010-US

ASSIGNMENT

WHEREAS, WE, Brian Wong, Emma Masteller, and Kris Reedquist, hereinafter referred to as "ASSIGNORS," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:	METHODS OF TREATING CONDITIONS WITH ANTIBODIES THAT BIND STIMULATING FACTOR 1 RECEPTOR (CSF1R)			
Filing Date:	August 30, 2013	Serial No.:	14/014,446	·

WHEREAS, Five Prime Therapeutics, Inc., a California corporation having a place of business at Two Corporate Drive, South San Francisco, California, 94080, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and Interest in 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, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do 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, and any 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, reissues, or 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 extent and term of any Letters Patent.

ASSIGNORS further agree that ASSIGNORS 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 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 have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below.

16/2013 **Brian Wong**

mun Martilla 9/9

Emma Masteller

DATE

Kris Reedquist

DATE



PATENT Attorney Docket No.: FPT-32814/US-4/ORD Client Docket No.: P1010-US

ASSIGNMENT

WHEREAS, WE, Brian Wong, Emma Masteller, and Kris Reedquist, hereinafter referred to as "ASSIGNORS," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:	METHODS OF TREATING CONDITIONS WITH ANTIBODIES THAT BIND COLONY STIMULATING FACTOR 1 RECEPTOR (CSF1R)			
Filing Date:	August 30, 2013	Serial No.:	14/014,446	

WHEREAS, Five Prime Therapeutics, Inc., a California corporation having a place of business at Two Corporate Drive, South San Francisco, California, 94080, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in 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, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do 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, and any 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, relissues, or 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 extent and term of any Letters Patent.

ASSIGNORS further agree that ASSIGNORS 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 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 have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below.

Brlan Wong

DATE

Emma Masteller

DATE

Kris Reedaulst

RECORDED: 10/31/2018