

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NICOLAAS J. VILJOEN	08/31/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NETRONOME SYSTEMS, INC.
<b>Street Address:</b>	2903 BUNKER HILL LANE
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<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95054
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14841723
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	NET-144
<b>NAME OF SUBMITTER:</b>	MARK D. MARRELLO
<b>SIGNATURE:</b>	/Mark D. Marrello/
<b>DATE SIGNED:</b>	09/01/2015
<b>Total Attachments: 1</b>	
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**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS, I, Nicolaas J. Viljoen (hereinafter referred to as ASSIGNOR), having post office addresses of: 3 Richard Foster Rd, Cambridge, CB28DW, UK; is the sole inventor of the invention described and claimed in the specification forming part of the United States patent application entitled **"CONTROLLING AN OPTICAL BYPASS SWITCH IN A DATA CENTER BASED ON A NEURAL NETWORK OUTPUT RESULT"** executed herewith;

WHEREAS, Netronome Systems, Inc. (hereafter referred to as ASSIGNEE), a corporation of the State of Delaware having a place of business at 2903 Bunker Hill Lane, Suite 150, Santa Clara, California 95054, is desirous of acquiring the entire right, title, and interest in and to the invention and in and to any letters patents that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers unto said ASSIGNEE, the entire right, title, and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions 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 United States application to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors an assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer, and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

  
Inventor's Signature

Nicolaas J. Viljoen  
Inventor's Printed Name

8/31/2015  
Date