503606701 12/10/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

EPAS ID: PAT3653332

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEXANDER C. WORRALL	09/07/2015
RICHARD C. A. PITWON	09/03/2015

RECEIVING PARTY DATA

Name:	XYRATEX TECHNOLOGY LIMITED
Street Address:	LANGSTONE ROAD
City:	HAVANT
State/Country:	UNITED KINGDOM
Postal Code:	PO9 1SA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14700179

CORRESPONDENCE DATA

Fax Number: (612)305-1228

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.

Phone: (612)767-2454

Email: rpagel@mrgiplaw.com

Correspondent Name: MUETING, RAASCH & GEBHARDT, P.A. Address Line 1: 111 THIRD AVENUE S., SUITE 350

Address Line 2: BRIAN C. WHIPPS

Address Line 4: MINNEAPOLIS, MINNESOTA 55401

ATTORNEY DOCKET NUMBER:	430.70684010
NAME OF SUBMITTER:	BRIAN C. WHIPPS
SIGNATURE:	/brian c. whipps/
DATE SIGNED:	12/10/2015

Total Attachments: 2

source=Executed-Combined-Assignment-and-Declaration-70684#page1.tif source=Executed-Combined-Assignment-and-Declaration-70684#page2.tif

PATENT 503606701 REEL: 037265 FRAME: 0049

COMBINED ASSIGNMENT-DECLARATION

Seagate Docket No. 3 STL 70684.00US

430.70684010

WHEREAS, Alexander C. Worrall of 5 St. Jacques Way, Denmead, Waterlooville, United Kingdom, PO7 6FX, and Richard C. A. Pitwon of 17B West Street, Fareham, United Kingdom, PO16 0BG, is/are the inventor(s) of an invention entitled <u>WAVEGUIDE AMPLIFICATION SWITCH</u> that is the subject matter of: (check all that apply)

	a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office
	by Application Nofiled on
\boxtimes	an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by
	Application No. 14/700,179 filed on April 30, 2015 and/or executed on even date herewith: and
	an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is
	identifiable in the United States Receiving Office by Application Nofiled on
	; and/or executed on even date herewith:

WHEREAS, Xyratex Technology Limited, having offices at Langstone Road, Havant, United Kingdom PO9 1SA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and I authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.

Rev: 10/18/2012

The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-inpart applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Alexander C. Worrall (Inventor)

3 Spt. 2015

U.S. Assignment - Seagate Technology LLC - Confidential

RECORDED: 12/10/2015

-2-

Rev: 10/18/2012