PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4287004

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL BURCHARD	02/16/2017
ULRICH DREPPER	02/16/2017

RECEIVING PARTY DATA

Name:	GOLDMAN, SACHS & CO.	
Street Address:	200 WEST STREET	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10282	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15439777

CORRESPONDENCE DATA

Fax Number:

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: 9723683154

Email:john.maxin@gs.comCorrespondent Name:DOCKET CLERK-GOLDAddress Line 1:P.O. DRAWER 800889Address Line 4:DALLAS, TEXAS 75380

ATTORNEY DOCKET NUMBER:	CPIP-2016-0029	
NAME OF SUBMITTER:	WILLIAM A. MUNCK	
SIGNATURE:	/William A. Munck/	
DATE SIGNED:	02/22/2017	

Total Attachments: 2

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PATENT 504240327 REEL: 041346 FRAME: 0917

ASSIGNMENT

WHEREAS, we, Paul Burchard and Ulrich Drepper, have invented certain new and useful improvements in "GENERAL-PURPOSE PARALLEL COMPUTING ARCHITECTURE" disclosed in an application for United States Letters Patent, the application having been executed concurrently herewith (Application No. ______, filed _____);

WHEREAS, GOLDMAN, SACHS & Co., a limited partnership organized under the laws of the state of New York, having a place of business at 200 West Street, New York, New York 10282 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the inventions and in and to the application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to the inventions and in and to the application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; we authorize William A. Munck of Munck Wilson Mandala, LLP to insert in the parenthesis above the application number and filing date of the application when known; and we hereby authorize and request the Commissioner of Patents to issue all patents for the inventions, or patents resulting therefrom, insofar as our interest is concerned, to the ASSIGNEE of our entire right, title and interest.

We also hereby sell, assign and transfer to the ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the inventions disclosed in the application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for the inventions in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of the inventions and all rights to register the inventions in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in the ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to the ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements and, at the expense of the ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in the ASSIGNEE and to aid the ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for the inventions in all countries.

Date: 2/16/17

Paul Burchard

Date: 2116117

Ulrich Drepper