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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2678191

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSEPH PAUL MANES	01/11/2012
DAVID CHRISTOPHER BLACK	01/11/2012

RECEIVING PARTY DATA

Name:	ORACLE INTERNATIONAL CORPORATION
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14153230

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ATTORNEY DOCKET NUMBER:	ORA120605-US-DIV-1
NAME OF SUBMITTER:	DANIEL J SHERWINTER
Signature:	/Daniel J Sherwinter/
Date:	01/13/2014

Total Attachments: 1

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PATENT REEL: 031949 FRAME: 0223

ASSIGNMENT & APPOINTMENT OF COMMON REPRESENTATIVE

WHEREAS, we, Joseph Paul Manes, of Arvada, Colorado, David Christopher Black, of Broomfield, Colorado, have invented a certain new and useful invention entitled, RATCHETING GRIPPER FOR A STORAGE LIBRARY, for which a patent application has been prepared for filing with the United States Patent & Trademark Office, said application being identified as Attorney File No. ORA120605.

NOW THEREFORE, be it known that we together and each of us individually, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, ORACLE INTERNATIONAL CORPORATION, a California corporation having a place of business at 500 Oracle Parkway, Redwood City, California, its successors, legal representatives and assigns, the aforesaid application and all rights to claim priority directly or indirectly to the aforesaid application and all converted non-provisional utility, continuation, divisional, continuation-in-part and reissue applications, all patent applications that claim priority directly or indirectly to the aforesaid application, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention(s), and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention(s) in the United States or any other country; each of us also assigns any right, title or interest in and to the invention(s) that has not already been transferred to the assignee; each of us warrants that no assignment of the invention(s), application or patent therefor has been made to a party other than ORACLE INTERNATIONAL CORPORATION; each of us warrants that there is no obligation to make any assignment of the invention(s), application, or any patent therefor to any party other than ORACLE INTERNATIONAL CORPORATION; and each of us further agrees to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

The Commissioner For Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment to **ORACLE INTERNATIONAL CORPORATION**, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

Furthermore, we together and each individually hereby irrevocably appoint **ORACLE INTERNATIONAL CORPORATION**, its successors, legal representatives and assigns, as common representative for any and all international patent applications filed pursuant to the Patent Cooperation Treaty, and all national phase applications derived therefrom, concerning the invention(s) or claiming priority from the aforesaid application.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment & Appointment of Common Representative as of the date indicated hereunder.

Date: 0/-1/-20/2

By: OStfort Aug Joseph Paul Manes

Date: 07-11-2012

David Christopher Black

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By: