## 502583309 11/26/2013

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	MISSION TYPE: NEW ASSIGNMENT			
NATURE OF CONVEYA	NCE:	ASSIGNMENT		
CONVEYING PARTY DATA				
Name		Execution Date		
FARAMARZ MAHNAD		11/21/2013		
RECEIVING PARTY DATA				
Name:	ORACLE INTERNATIONAL CORPORATION			

## PROPERTY NUMBERS Total: 1

Street Address:

State/Country: Postal Code:

City:

Property Type	Number
Application Number:	14090240

#### **CORRESPONDENCE DATA**

 Fax Number:
 (248)358-3351

 Phone:
 248-358-4400

Email: tjoslyn@brookskushman.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

500 ORACLE PARKWAY
REDWOOD SHORES

CALIFORNIA

94065

Correspondent Name: BROOKS KUSHMAN P.C.

Address Line 1: 1000 TOWN CENTER

Address Line 2: TWENTY-SECOND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER:	ORA130706 PUS
NAME OF SUBMITTER:	JAMES W. PROSCIA
Signature:	/James W. Proscia/
Date:	11/26/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 1

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PATENT REEL: 031678 FRAME: 0381 CH \$40.00 14090

Attorney Docket Number	ORA130706-US-NP

# ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invent	ion	QUADRATURE TRACK ERROR SIGNAL FOR OPTICAL RECORDING MEDIA AND DEVICES	
As a below name	ed invent	or, I hereby declare that:	
This declaration	is directe	ed to:	
	The atta	The attached application, or	
X	14/090	United States application or PCT international application number  14/090,240 filed on November 26, 2013 . (I hereby authorize the insertion of the application filing date and number when they become known.)	
The above-identi		ication was made or authorized to be made by me.	
I believe that I an	n the oriş	ginal inventor or an original joint inventor of a claimed invention in the application.	
I hereby state that	ıt I have r	reviewed and understand the contents of the above-identified specification, including the claims.	
		to disclose to the U.S. Patent and Trademark Office all information known to me to be material to 37 C.F.R. § 1.56.	
set over to Ora California, and It the ASSIGNEE, it to the inventions or other legal rep foreign countries said ASSIGNEE, in and to said in continuations, cor	having a its succes and discorresentati in its or , its succes aventions	rgood and valuable consideration, receipt of which is hereby acknowledged, I do hereby assign, sell and rnational Corporation , a corporation organized and existing under the laws of the state or country of place of business at 500 Oracle Parkway, Redwood Shores, California 94065 , hereinafter referred to as ssors, assigns or other legal representatives, my entire right, title and interest, domestic and foreign, in and overies in the above-identified application including the right of said ASSIGNEE, its successors, assigns ves to make applications and to receive Letters Patent for said inventions and discoveries in any and all their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to essors, assigns or other legal representatives, all rights of priority, including any provisional applications, and discoveries in all countries, including all applications claiming benefit of the filing date hereof, ins-in-part, divisionals, reexaminations and reissue applications.	
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.			
And I hereby repr	resent and	d warrant that I have not granted any rights inconsistent with the rights granted herein.	
		at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or than five (5) years or both.	
LEGAL NAME C	OF INVE	NTOR	
Inventor: FA	<u>ARAMAI</u>	PZ MAHNAD Date:	
Signature:		- (Mahnags)	
Page 1 of 1 (Supp	lemental	Sheet with Additional Joint Inventors is attached if necessary)	
Note: An Applicati	ion Data S	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	

**RECORDED: 11/26/2013** 

PATENT REEL: 031678 FRAME: 0382