05-07-2	2003				
Form PTO-1595	T U.S. DEPARTMENT OF COMMERCE				
(Rev. 05/01) OMB NO. 0651-0027 (exp. 5/31/2002)	NA 48/1 1888 1881 1881				
Tab settings $\Rightarrow\Rightarrow\Rightarrow$ $\forall$ 102442047 $\forall$ $\forall$					
To the Honorable Commissioner of Fatents and Trademarks.	Please record the attached original documents or copy thereof				
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)				
Marcos M. Campos	Name				
Boriana L. Milenova 4-29-03	Oracle International Corporation				
Mark A. McCracken	000				
	Street Address: 500 Oracle Parkway, Redwood Shores, CA 94065				
Additional name(s) of conveying party(ies) attached?  Yes No					
3. Nature of conveyance:	N N N N N N N N N N N N N N N N N N N				
Morgan	Additional Name(s) & address(es) attached? ?  Yes No				
Assignment Merger					
☐ Security Agreement ☐ Change of Name					
П от					
Other					
Execution Date: April 28, 2003					
4. Application number(s) or patent number(s):	24838				
·	"				
If this document is being filed together with a new application,	the execution date of the application is: April 28, 2003				
A. Patent Application No.(s)	B. Patent No.(s)				
Additional numbers attac	l hed?? □ Yes ☒ No				
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved? [1]				
concerning document should be mailed:					
Name Edward A. Pennington	7. Total Fee (37 CFR 3.41) \$ 40.00				
	☐ Enclosed				
Internal Address Suite 300	Authorized to be charged to deposit account.				
Street Address, 2000 K Street N.W.	Authorized to be charged to deposit account.				
Street Address: 3000 K Street, N.W.					
City: Washington State: D.C. Zip 20007-5116	8. Deposit Account Number: 195127, 19111.0093				
07/2003 TBX671 00006008 195127 10424838					
ALL PARTY IN THE P					
FC:8021 40.00 CH )					
DO NOT USE	THIS SPACE				
9. Statement and signature					
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the					
original document	Pando Alunti				
Michael A. Schwartz, RN 40,161  Michael A. Schwartz, RN 40,161  April 29, 2003					
Name of Person Signing Signature Date					
Total number of pages including cover sheet, attachments, and documents					

REEL: 014025 FRAME: 0229

## ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS:

	Marcos M. CAMPOS, residing at 345 Harvard Street, Apt. 2E, Cambridge, MA
02138	(U.S.); Boriana L. MILENOVA, residing at 336 Lowell St., Apt. 3, Sommerville, MA
02145	(U.S.); and Mark A. McCRACKEN, residing at 130 Chilton Street, Belmont, MA
02478	(U.S.).

(full name(s) and post office address(s) of inventor(s) (including country))

(hereinafter referred to as ASSIGNOR(S)) has made a discovery or invention antitled:

(heremaner referred to as ASSIGNOR(S)), has made a discovery of invention entitled:				
ENHANCED K-MEANS CLUSTERING				
$\boxtimes$	for which application for Letters Patent of the United States has been executed on even date herewith,			
	for which application for Letters Patent of the United States has been filed on, under Application No, and			
WHE	REAS:			
	Oracle International/Corporation, a corporation of California, having a business address of 500 Oracle Parkway, Redwood Shores, CA 94065			
under	nafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and said invention and in, to and under Letters Patent or similar legal protection to be obtained or in the United States and in any and all foreign countries.			
NOW	THEREFORE TO ALL WILLOWIT MAY CONCERN.			

## NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute, reissue and/or any application claiming priority thereof, including any legal equivalent thereof, in a foreign country for the full term or terms for which the same may be granted.

Oracle Matter No. OID-2002-240-01

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I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and benefit of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I, SAID, ASSIGNOR(S), hereby covenant with ASSIGNEE, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will, at any time, when called upon to do so by the ASSIGNEE its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Inventor(s): Please Sign and Date Below:

RECORDED: 04/29/2003

(1)	Marcos M. CAMPOS	Date:	04/28/03
(2)	Boriana L. MILENOVA	Date:	04/28/03
(3)	Mark A. McCRACKEN	Date:	4/28/03

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