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Tab settings $\Rightarrow \Rightarrow \Rightarrow \checkmark \checkmark 10276$	69165	• •	<u> </u>
To the Honorable Commissioner of Patents and Trademarks	Please Record une and	ned original documents or co	opy thereof.
1. Name of conveying party(ies): Jonathan M. Baccash	2. Name and add	ress of receiving party(ies)	
Igor Nazarenko	Name: Hyperion	Solutions Corporation	10
Uri Rodny Ambuj Shatdal	Internal Address:		
Additional name of conveying party(ies) attached? 🗌 Yes 🛛 N	-		
3. Nature of conveyance:	Street Address: 1	344 Crossman Avenue	
🖾 Assignment 🗌 Merger			
Security Agreement Change of Name	City: Sunnyvale	State: CA	Zip: <u>94089</u>
□ Other	Additional Name(s	;) & address(es) attached?	' 🗌 Yes 🖾 No
Execution Date: <u>Baccash-5/24/04; Nazarenko-5/24/04;</u> Rodny-5/2 <u>5/04; Shatdal-6/4/04</u>			
 4. Application number(s) or patent number(s): I O C S If this document is being filed together with a new applicate A. Patent Application No.(s) 	ion, the execution date B. Patent N		∋ <u>7, 2004</u>
If this document is being filed together with a new applicat A. Patent Application No.(s)	ion, the execution date	o.(s)	<u>9 7, 2004</u>
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If this document is being filed together with a new applicate A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Robert E. Krebs Internal Address: THELEN REID & PRIEST LLP Street Address: P.O. Box 640640 City: San Jose State: CA Zip: 95164	ion, the execution data B. Patent N attached? Yes X 6. Total number of 7. Total fee (37 CF Enclosed X Authorized 8. Deposit account 50-1698	No applications and patents inv R 3.41) \$ <u>40.00</u> It to be charged to deposit ac	volved: 1
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PATENT REEL: 015479 FRAME: 0854

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ASSIGNMENT

WHEREAS, we, Jonathan M. Baccash, a citizen of the United States, residing at 1269 Lakeside Drive, Apt. 3112, Sunnyvale, CA 94085, Igor Nazarenko, a citizen of the Ukraine, residing at 660 Gail Avenue, Apt. #A4, Sunnyvale, CA 94086, Uri Rodny, a citizen of the United States, residing at 49 Showers Drive, Apt. J318, Mountain View, CA 94040 and Ambuj Shatdal, a citizen of India, residing at 4317 Critchell Terrace, Madison, WI 53711, have invented a "QUERY COSTING IN A MULTIDIMENSIONAL DATABASE" for which we have executed application papers for a U.S. patent thereon, which is being filed herewith; and

WHEREAS, Hyperion Solutions Corporation, a Delaware corporation, having a place of business located at 1344 Crossman Avenue, Sunnyvale, CA 94089, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, Jonathan M. Baccash, Igor Nazarenko, Uri Rodny and Ambuj Shatdal, do sell, assign, transfer and set over unto the said Hyperion Solutions Corporation, its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Hyperion Solutions Corporation, its successors and assigns, in accordance with this Assignment.

> SV #166460 v1 PATENT REEL: 015479 FRAME: 0855

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Re: U.S. Patent Application entitled: QUERY COSTING IN A MULTIDIMENSIONAL DATABASE

Inventor: Jonathan M. Baccash

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WITNESS MY HAND at \underline{Sonn} $\underline{Mcy 24, 2004}$ day of $\underline{(date)}$	(city, state) (month)	, <u>200 y</u> (year)		
Jonath M. Baccash	<u> </u>			
STATE OF CALIFORNIA	Ŋ			
COUNTY OF Senta Clara) ss.			
On this 24^{m} day of 200^{m} , 200^{m} , before me, <u>Brade S. FERCINS</u> , a Notary Public, personally appeared Jonathan M. Baccash, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person/s whose name is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacities, and that by his/her/their signature/s on the instrument the person/s or the entity upon behalf of which the person/s acted, executed the instrument.				

WITNESS my hand and official seal.



Mr. 5lln_

NOTARY PUBLIC

SV #166460 v1

PATENT REEL: 015479 FRAME: 0856

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Re: U.S. Patent Application entitled: QUERY COSTING IN A MULTIDIMENSIONAL DATABASE

Inventor: Igor Nazarenko

WITNESS MY $24m$ (date)	HAND at day of	Mey (city, state (month)	$\frac{Ccl}{Ccl}$	₹, this
Jun June Igor Nazarenko	7 19			
_	Senta Cla			
On this 24 m day of Mcg , 2004 , before me, Brancey S. VERKINS, a Notary Public, personally appeared Igor Nazarenko, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person/s whose name is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacities, and that by his/her/their signature/s on the instrument the person/s or the entity upon behalf of which the person/s acted, executed the instrument.				

WITNESS my hand and official seal.



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NOTARY PUBLIC

SV #166460 v1

PATENT REEL: 015479 FRAME: 0857

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Re: U.S. Patent Application entitled: QUERY COSTING IN A MULTIDIMENSIONAL DATABASE

Inventor: Uri Rodny

WITNESS MY HAND at <u>Songle</u> <u>25</u> th (date) day of <u>Mc</u>	(city, state)	<u>2005 4</u> . (year)	, this
Uri Rodny			
STATE OF CALIFORNIA COUNTY OF <u>Scrita</u> Clarg)) ss.)		
On this 25^{m} day of $\underline{\text{mc}}$ BRADUEY $\overline{S \cdot PERK/NC}$, a Notary F known to me (or proved to me on the basis of name is/are subscribed to the within instrum executed the same in his/her/their authorized the instrument the person/s or the entity upo instrument.	of satisfactory eviden ent and acknowledge d capacities, and that	ce) to be the perso ed to me that he/sh by his/her/their sig	on/s whose he/they gnature/s on

WITNESS my hand and official seal.



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NOTARY PUBLIC

SV #166460 v1 PATENT REEL: 015479 FRAME: 0858

Re: U.S. Patent Application entitled: QUERY COSTING IN A MULTIDIMENSIONAL DATABASE

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Inventor: Ambuj Shatdal

WITNESS MY HAND at	MADISON, WI	, this		
<u></u> day of (date)	(city, state) $(UNE$ (month)	, <u>2004</u> . (year)		
ambrij shatdaf Ambuj Shatdal				
STATE OF CALIFORNIA) ss.			
On this <u>Hth</u> day of <u>JUNL</u> , <u>JOCH</u> , before me, <u>Jouric Buttler</u> , a Notary Public, personally appeared Ambuj Shatdal, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person/s whose name is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacities, and that by his/her/their signature/s on the instrument the person/s or the entity upon behalf of which the person/s acted, executed the instrument.				

WITNESS my hand and official seal.



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NOTARY PUBLIC 0Xp.11.26.06

SV #166460 v1 PATENT REEL: 015479 FRAME: 0859

RECORDED: 06/07/2004