ODMAMHODMANManage;275489;1 01 - 14 -	-2002 Docket No.: 1086.20
R	ER SHEET K
To the Honorable Commissioner of Patents and Tradem	e attached original documents or copy thereof.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Girish Navani Michael P. Evans Donald A. Dietrich Michael D. Aller	Name: PetroVantage, Inc.
Donald A. Dietrich Michael D. Allen Charles C. Moore Linus Hakimattar	Internal Address:
Additional name(s) of conveying party(ies) attached? [x] Yes [] No	
3. Nature of conveyance:	Street Address: 10 Canal Park
[x] Assignment [] Merger	
[] Security Agreement [] Change of Name	City: Cambridge State: MA ZIP: 0214
[] Other	
Execution Date: 12/4/01	Additional name(s) & address(es) attached? [] Yes [x] No
4. Application number(s) or patent number(s):	d
If this document is being filed together with a new application,	the execution date of the application is:
A. Patent Application No.(s) 09/949,149	B. Patent No.(s)
Additional num	bers attached? []Yes [x]No
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved: [1]
Name: Mary Lou Wakimura, Esq.	7. Total Fee (37 C.F.R. 3.41) \$ 40.00
Internal Address:	[X] Enclosed
Hamilton, Brook, Smith & Reynolds, P.C.	 [X] Authorized to charge any deficiencies or credit any overpayment to deposit account [] Authorized to be charged to deposit account
Street Address: 530 Virginia Road, P.O. Box 9133	8. Deposit account number:
	08-0380
City: Concord State: MA ZIP: 01742-9133	(Attach duplicate copy of this page if paying by deposit accou
DO NO	T USE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing informa document. C. Steven Kurlowecz Name of Person Signing	tion is true and correct and any attached copy is a true copy of the orig
Total number of pages including co	over sheet, attachments, and document: [10]
1/2002 TDIAZ1 00000229 09949149	rei siver, attaennients, and document. [10]
2:581 40.00 OP	
/	PATENT
	REEL: 012446 FRAME: 014

1

RECORDATION FORM COVER SHEET - PAGE 2

Continuation of Box 1

Stephen J. Doyle Wayne C. Bartel Kevin Maher Vip Patel Ken Rosen Vladimir Mahalec

(

ASSIGNMENT

WHEREAS, we, Girish Navani, Michael P. Evans, Donald A. Dietrich, Michael D. Allen, Charles C. Moore, Linus Hakimattar, Stephen J. Doyle, Wayne C. Bartel, Kevin Maher, Vip Patel, Ken Rosen and Vladimir Mahalec, have invented a certain improvement in COMPUTER SYSTEM FOR PROVIDING A COLLABORATIVE WORKFLOW ENVIRONMENT described in an application for Letters Patent of the United States, the specificationof which:

- [] is being executed on even date herewith and is about to be filed in the United States Patent Office;
- [X] was filed on September 7, 2001 as Application No. 09/949,149;
- [] was patented under U.S. Patent No. [] on [].

WHEREAS, PetroVantage, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 10 Canal Park, Cambridge, Massachusetts 02141desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving

PATENT REEL: 012446 FRAME: 0145

<u>Joint</u>

of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature:	Mach
,	Girish Navani
State/Commonwealth	
of <u>Massachi</u> County of <u>Mid</u>	wetts
County of Mid	Alizer
he executed the foreg	eared before me the above-named Girish Navani and acknowledged that going instrument as his free act and deed this $4+2$ day of 2001 .
(SEAL)	Joan Larka Notary Public
	Joan Marka (print name)
	My Commission expires <u>10 / 1 / 04</u>

	-3-
Inventor's Signature:	Multur Michael P. Evans
State/Commonwealth	Whenael I. Evans
of Massachus	setts
•	esex
	red before me the above-named Michael P. Evans and acknowledged regoing instrument as his free act and deed this <u>475</u> day of, 20 <u>01</u> .
(SEAL)	Som Jarra Notary Public
	Joan Tarka (print name)
	My Commission expires $10/1/04$
c	
Inventor's Signature:	Some & Situat
	Donald A. Dietrich
State/Commonwealth	
of <u>Massachu</u> County of <u>Mide</u>	<u>sr/+s</u>
County of	VIESEX
Then personally appea that he executed the fo	red before me the above-named Donald A. Dietrich and acknowledged regoing instrument as his free act and deed this <u>444</u> day of day of
(SEAL)	Notary Public
	Joan Tarka (print name)
	$\frac{10}{10} = \frac{10}{10}$ My Commission expires $\frac{10}{10} = \frac{100}{100}$

	157.04 79.
Inventor's Signature:	MDall
State/Commonwealth	Michael D. Allen
of Massachu	15eHS
County of Midd	
Then personally appear that he executed the for December	red before me the above-named Michael D. Allen and acknowledged regoing instrument as his free act and deed this <u>444</u> day of day of
(SEAL)	Notary Public
	Joan Tarka (print name)
	My Commission expires <u>10 1 04</u>
	My Commission expires <u>10///04</u> Charles C. Moore
	Charles C. Moore
Inventor's Signature: State/Commonwealth of <u></u>	Charles C. Moore
State/Commonwealth of <u>Massack</u> County of <u>M</u>	Charles C. Moore
State/Commonwealth of <u>Massack</u> County of <u>M</u> Then personally appear that he executed the for <u>December</u>	Charles C. Moore
State/Commonwealth of <u>Massack</u> County of <u>Massack</u> Then personally appear that he executed the for	Charles C. Moore Charles C. Moore Charles C. Moore and acknowledged red before me the above-named Charles C. Moore and acknowledged regoing instrument as his free act and deed this day of

	-5-
	١
Inventor's Signature:	Rudolita Linus Hakimattar
State/Commonwealth	
of Massachus	
County of Middles	<u>ex</u>
	A MIT OV TA
	<u>Joan Tarka</u> (print name)
	My Commission expires <u>10/1/04</u>
<u></u>	
Inventor's Signature:	Staben I. Doule
). 	Stephen J. Doyle
State/Commonwealth	
State/Commonwealth of Massackur	retto
State/Commonwealth	retto
State/Commonwealth of <u>Massackus</u> County of <u>Muddle</u> Then personally appeared	before me the above-named Stephen J. Doyle and acknowledged bing instrument as his free act and deed this $\frac{444}{144}$ day of
State/Commonwealth of <u>Massackus</u> County of <u>Mudule</u> Then personally appeared that he executed the forego	before me the above-named Stephen J. Doyle and acknowledged bing instrument as his free act and deed this $\frac{444}{144}$ day of
State/Commonwealth of <u>Massackus</u> County of <u>Mudille</u> Then personally appeared that he executed the forego	betts Set X before me the above-named Stephen J. Doyle and acknowledged oing instrument as his free act and deed this $\cancel{444}$ day of 2001.
State/Commonwealth of <u>Massackus</u> County of <u>Mudille</u> Then personally appeared that he executed the forego	betts SEX before me the above-named Stephen J. Doyle and acknowledged oing instrument as his free act and deed this $\cancel{444}$ day of 2001. Motary Public

	-6-
	1
Inventor's Signature:	Mary C. Satet
	Wayne C. Bartel
State/Commonwealth	
of <u>Marshal</u> County of <u>Mila</u>	husetts
County of <u>Mid</u>	desert
he executed the foreg	eared before me the above-named Wayne C. Bartel and acknowledged that going instrument as his free act and deed this 443 day of 2001 .
(SEAL)	Wantanta Notary Public
	<u>Joan Tarka</u> Notary Public (print name)
	$\frac{10}{10} \frac{10}{10} 10$
	$\frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} = 1$
Inventor's Signature:	Denis Mahn
	Kevin Maher
State/Commonwealt	h
of Massa	chirsetts
of <u>Massa</u> County of <u>M</u>	ddlesex
executed the foregoing	eared before me the above-named Kevin Maher and acknowledged that he ng instrument as his free act and deed this 44 day of 200 .
(SEAL)	Notary Public
	Joan Tarka (print name)
	My Commission expires $10/1/04$

	·
Inventor's Signature:	1. The
State/Commonwealth	Vip Patel
	wett
of <u>Marsoach</u> County of <u>Midd</u>	Prov
Then personally appeare	d before me the above-named Vip Patel and acknowledged that he nstrument as his free act and deed this day of
(SEAL)	Notary Public
	Von Tarka (print name)
	My Commission expires $10/104$
	<u></u>
Inventor's Signature:	Certh
	Ken Rosen
State/Commonwealth	4
of <u>IIADad</u>	unsett.
County of Mide	alesen/
Then personally appeared executed the foregoing is	ed before me the above-named Ken Rosen and acknowledged that he instrument as his free act and deed this day of, 20
(SEAL)	Notary Public
	Joan Tarka (print name)
	$\frac{20211 + 12122}{\text{My Commission expires } 10 / 1 / 04}$

Inventor's Signature:	Vhedin.	Mah	<u> </u>
-		Vladimir Mahale	c
State/Commonwealth			
of Massache	wetts		
of <u>Massach</u> County of <u>Mid</u>	dlever		
. ,			
Then personally appear	red before me the above-na regoing instrument as his f	amed Vladimir Ma ree act and deed th	halec and acknowledged his day of
Then personally appear that he executed the for	red before me the above-na regoing instrument as his f	ree act and deed th	nhalec and acknowledged nis <u>4445</u> day of ary Public
Then personally appear that he executed the for 	red before me the above-na regoing instrument as his f	ree act and deed th	nis <u>447</u> day of

-8-