

Form PTO-1595

MAY 06 2004

05-11-2004



102740709

orney Docket No.: PROS1120  
HEET

8.4.03

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of Conveying party(ies):

Theodore V. Valkov  
Michael Wisniewski  
Navin Aswal  
Viroj Buraparate

## 2. Name and address of receiving Party(ies):

Name: PROS Revenue Management, L.P.  
3100 Main Street  
Suite 900  
Houston, TX 77002Additional name(s) of conveying party(ies)  
attached? Yes ☒ NoAdditional name(s) & address(es) attached?  
Yes ☐ No ☒

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of name☒ Other: Corrective previously recorded on Reel  
frame of the receiving party.

Execution Date: 05/20/03 and 05/21/03 respectively

Application number(s) or patent number(s): 10/604,090 filed 06/25/03

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes : ☒ No5. Name and address of party to whom  
correspondence concerning document should be  
mailed:Name Customer No. 25094  
Gray Cary Ware & Freidenrich LLP  
1221 So. MoPac Expressway  
Suite 400  
Austin, Texas 787466. Total number of Applications and patents  
involved: 17. Total fee (37 CFR 3.41).... \$ 40.008. ☒ Enclosed9. ☐ Authorized to charge the recordation fee or any  
underpayment to deposit account No. 50-0456.  
A duplicate copy of this page is attached.

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*George R Meyer 7/29/2003  
George R. Meyer Date  
Reg. No. 35,284Certificate of Mailing Under 37 C.F.R. 1.8I hereby certify that this document is being deposited with the U.S. Postal  
Service as First Class Mail in an envelope addressed to: Commissioner  
for Patents, P.O. Box 1450, Alexandria, VA 22313 on July 30, 2003Janice Pampell  
Janice Pampell

Total number of pages including cover sheet, attachments, and document: 5

08/06/2003 ECDPER 00000108 10604099

01 FC:8021

40.00 (P)

AU4110782.1  
105171-991120PATENT  
REEL: 015301 FRAME: 0165

PATENT ASSIGNMENT

Electronic Version v07

Stylesheet Version v02

06/25/2003  
800006946

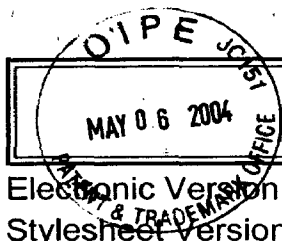
SUBMISSION TYPE:	NEW ASSIGNMENT	APPLICATION NUMBER 10/604090												
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST													
CONVEYING PARTY DATA														
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Theodore V. Valkov</td><td>2003-05-20</td></tr><tr><td>Michael Wisniewski</td><td>2003-05-21</td></tr><tr><td>Navin Aswal</td><td>2003-05-21</td></tr><tr><td>Viroj Buraparate</td><td>2003-05-21</td></tr></tbody></table>			Name	Execution Date	Theodore V. Valkov	2003-05-20	Michael Wisniewski	2003-05-21	Navin Aswal	2003-05-21	Viroj Buraparate	2003-05-21		
Name	Execution Date													
Theodore V. Valkov	2003-05-20													
Michael Wisniewski	2003-05-21													
Navin Aswal	2003-05-21													
Viroj Buraparate	2003-05-21													
RECEIVING PARTY DATA														
<table border="1"><thead><tr><th>Name</th><th>Street Address</th><th>Internal Address</th><th>City</th><th>State/Country</th><th>Postal Code</th></tr></thead><tbody><tr><td>PROS Revenue Management, Inc.</td><td>3100 Main Street, Suite 900</td><td></td><td>Houston</td><td>TEXAS</td><td>77002</td></tr></tbody></table>			Name	Street Address	Internal Address	City	State/Country	Postal Code	PROS Revenue Management, Inc.	3100 Main Street, Suite 900		Houston	TEXAS	77002
Name	Street Address	Internal Address	City	State/Country	Postal Code									
PROS Revenue Management, Inc.	3100 Main Street, Suite 900		Houston	TEXAS	77002									
CORRESPONDENCE DATA														
FAX NUMBER: 5124577001														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>														
When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.														
CUSTOMER NUMBER: 025094														
NAME OF PERSON SIGNING:	George R. Meyer													
DATE SIGNED:	2003-06-25													
Total Attachments: 2 source=assign1.tif source=assign2.tif														

CH \$40.00 500456 10604090

06/26/2003 THU 07:40 [TX/RX NO 6934]

PATENT

REEL: 015301 FRAME: 0166



**UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1  
Stylesheet version v1.1.1

Title of  
Invention

**METHOD AND SYSTEM FOR SPOT PRICING VIA CLUSTERING  
BASED DEMAND ESTIMATION**

Submission Type: Utility Patent Filing

Application Number: 10/604090

\*10/604090\*

EFS ID: 42465

Server Response:

Confirmation Code	Message
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application
ICON1	1089
IGEN77	Filename= PROS1120-usfees.xml BusinessRule= The access code is not included which allows for automated processing to the deposit account.
WGEN24	Filename= all XMLs having <invention-title> BusinessRule= Common elements across multiple XML documents within the submission package do not have synchronized data content. #Supporting Msg:<invention-title> not the same or having font format.

First Named Applicant: Theodore Valkov

Attorney Docket Number: PROS1120

Timestamp: 2003-06-25 21:14:33 EDT

From: us

File Listing:

Doc. Name	File Name	Size (Bytes)
us-request	PROS1120-usrequ.xml	6060
us-request	us-request.dtd	19064
us-request	us-request.xsl	33300
us-assignment	PROS1120-usassn.xml	2312
us-assignment	us-assignment.xsl	8983
us-assignment	us-assignment.dtd	10898
us-assignment	assign1.tif	57215
us-assignment	assign2.tif	24328

us-declaration	PROS1120-usdecl.xml	1682
us-declaration	us-declaration.dtd	3833
us-declaration	us-declaration.xsl	10015
us-fee-sheet	PROS1120-usfees.xml	2109
us-fee-sheet	us-fee-sheet.xsl	24912
us-fee-sheet	us-fee-sheet.dtd	10901
us-power-of-attorney-grant	PROS1120-uspoat.xml	1639
us-power-of-attorney-grant	us-power-of-attorney-grant.dtd	4923
us-power-of-attorney-grant	us-power-of-attorney-grant.xsl	12448
us-declaration	dec3.tif	8147
application-body	PROS1120-trans.xml	42040
application-body	us-application-body.xsl	83497
application-body	application-body.dtd	49498
application-body	wipo.ent	4956
application-body	mathml2.dtd	54588
application-body	mathml2-qname-1.mod	13225
application-body	isoamsa.ent	5191
application-body	isoamsb.ent	3988
application-body	isoamsc.ent	1460
application-body	isoamsn.ent	5620
application-body	isoamso.ent	1934
application-body	isoamsr.ent	7073
application-body	isogr3.ent	3559
application-body	isomfrk.ent	4553
application-body	isomopf.ent	2571
application-body	isomscr.ent	4628
application-body	isotech.ent	5268
application-body	isobox.ent	3568
application-body	isocyr1.ent	5345
application-body	isocyr2.ent	2504
application-body	isodia.ent	1508
application-body	isolat1.ent	5282
application-body	isolat2.ent	9007
application-body	isonum.ent	5913
application-body	isopub.ent	6621
application-body	mmlextra.ent	7901

application-body	mmlalias.ent	38209
application-body	soextblx.dtd	12870
application-body	table1.tif	25700
application-body	fig1.tif	8787
application-body	fig2.tif	3872
application-body	fig3.tif	8859
application-body	fig4-5.tif	28481
application-body	fig6-7.tif	26555
application-body	fig8-9.tif	8686
us-declaration	dec1.tif	69946
us-declaration	dec2.tif	50260
package-data	PROS1120-pkda.xml	11004
package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
Total files size		923584

Message Digest: 273eacd64d0247673a8e6a763de7561f084225ad

Digital Certificate Holder Name: cn=George Meyer,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

ASSIGNMENT

This Assignment is made by **Theodore V. Valkov**, of **New Orleans, LA**, **Michael Wisniewski**, of **Kingwood, TX**, **Navin Awal**, of **Houston, TX**, and **Viroj Buraparate**, of **Kingwood, TX**, ("Assignors").

WHEREAS, Assignors have invented a new and useful invention entitled **METHOD AND SYSTEM FOR SPOT PRICING VIA CLUSTERING BASED DEMAND ESTIMATION**, for which an application for United States Patent is made, said application being submitted concurrently herewith; and

WHEREAS, Assignors believe themselves to be the original inventors of the invention including any and all improvements disclosed in said application ("Invention"); and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said Invention, said application, on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application, and any patents, invention registrations or other forms of protection ("Patents") that may be granted for said Invention in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the Invention and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign, and transfer to **PROS Revenue Management, L.P.** having a principal place of business at **3100 Main Street, Suite #900, Houston, Texas 77002** (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said Invention, said application and any Patents that may be granted for said Invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and/or their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for said Invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said Invention, said application, and any Patents granted for said Invention in the United States and throughout the world.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

-2-

Assignors authorize and request the Assistant Commissioner for Patents of the United States and of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application, to Assignee, its successors and assigns, as the assignee of the entire interest in said Invention.

IN WITNESS WHEREOF, Assignors have executed this Assignment on the dates provided below.

---

Name of First Inventor: **Theodore V. Valkov**  
Signature: *Theodore V Valkov*  
Date: MAY 20, 2003

---

Name of Second Inventor: **Michael Wisniewski**  
Signature: *Michael Wisniewski*  
Date: MAY 21, 2003

---

Name of Third Inventor: **Navin Aswal**  
Signature: *Aswal*  
Date: MAY 21, 2003

---

Name of Fourth Inventor: **Vinod Buraparate**  
Signature: *Vinod Buraparate*  
Date: MAY 21, 2003