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U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Pulsent, Inc.

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: August 25, 2003

2. Name and address of receiving party(ies)

Name: PTS Corporation

Internal Address: _____

Street Address: 101 Innovation Drive

City: San Jose State: CA Zip: 95134

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s)

10/167,244

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: OKAMOTO & BENEDICTO LLP

Internal Address: _____

Street Address: P. O. BOX 641330

City: SAN JOSE State: CA Zip: 95164-1330

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)\$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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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.

James K. Okamoto, Reg. no. 40,110

Name of Person Signing

Signature

August 29, 2003

Date

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

09/04/2003 6T0H11 00000091 10167244

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PATENT
REEL: 014448 FRAME: 0379

ASSIGNMENT

Pursuant to the order filed August 7, 2003 in *In re Pulsent, Inc.*, United States Bankruptcy Court, Northern District of California, Case No. 03-43229 JD (the "Case"), for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Lois I. Brady, as duly appointed chapter 7 trustee of Pulsent, Inc. ("Assignor") assigns and transfers to the PTS Corporation ("Assignee") and the Assignee's legal representatives, successors and assigns, pursuant to the terms of a concurrently executed Asset Purchase Agreement, any and all of the right, title and interest of Pulsent, Inc. to those patents and applications identified as such in Exhibit A hereto, including (i) all U.S. and foreign patents and patent applications that claim priority to such identified patents and applications and all U.S. and foreign patents and applications to which such identified patents and applications relate or claim priority, and (ii) any provisionals, continuations, continuations-in-part, divisions, reissue applications, extensions, Patent Cooperation Treaty applications, or derivatives of any of the foregoing, both foreign and domestic (the "Intellectual Property") and does hereby authorize and request the Commissioner of Patents or equivalent official to issue patents in the United States or any other applicable jurisdiction to the above-mentioned Assignee agreeably with the terms of this assignment document.

ASSIGNOR HEREBY AUTHORIZES the Assignee to insert in Exhibit A to this assignment document the filing date and application number of any application if the date and number are unavailable at the time this document is executed.

UPON SAID CONSIDERATION, Assignor conveys to the Assignee the right to make application in its own behalf for protection of the Intellectual Property in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of any earlier U.S. application (or any other application on the invention) to gain priority with respect to other applications.

IN WITNESS WHEREOF, Assignor has set her hand on the date shown below.

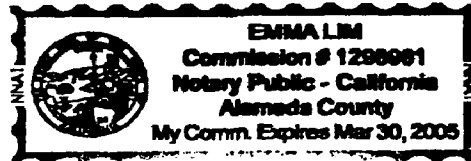
Date 8/25/03 Lois I Brady

Chapter 7 Trustee
Title

STATE OF California)
COUNTY OF Alameda) SS:

On this 25th day of August, 2003, before me, a
Notary Public in and for said county, appeared Lois I Brady, who is personally known to me
to be the same person whose name is subscribed to the foregoing assignment document, and
acknowledged that he/she signed and delivered the document as his/her free and voluntary
act for the uses and purposes therein set forth

[Signature]
Notary Public
{SEAL}
My Commission Expires: 3-30-05



Firm Reference No.	Title	Inventor	Appl. No.	Filing Date
OB 0100	Method and Apparatus for Partitioning an Arbitrarily-Shaped Area	Gary R. Holt	10/062,574	1/31/2002
		Edward Ratner		
		David B. Kita		
OB 0210	Method and Apparatus for Deblurring and Reblurring Image Segments	Edward Ratner	10/027,924	12/19/2001
		Adityo Prakash		
		Oliver W. Shih		
OB 0410	Efficiently Adaptive Double Pyramid Coding	Carroll Philip Gossett	10/028,998	12/20/2001
		Adityo Prakash		
		Edward Ratner		
OB 0510	Method of Filling Exposed Areas in Digital Images	Adityo Prakash	10/029,135	12/20/2001
		David B. Kita		
		Edward Ratner		
OB 0610	Adaptive Transforms	Oliver W. Shih	10/032,394	12/19/2001
		Hitoshi Watanabe		
		Adityo Prakash		
OB 0710	Dynamic Chain-Based Thresholding Using Global Characteristics	Edward Ratner	10/087,001	2/28/2002
		Adityo Prakash		
		Hitoshi Watanabe		
OB 0720	Dynamic Chain-Based Thresholding Using Global Characteristics	Adityo Prakash	10/087,463	2/28/2002
		Edward Ratner		
		Hitoshi Watanabe		
OB 0810	Predictive Edge Extension into Uncovered Regions	Adityo Prakash	10/094,427	3/7/2002
		Eniko Fodor		
		Edward Ratner		
OB 0910	Local Constraints for Motion	John S. Chen	10/093,072	3/7/2002

	Matching	David B. Kita Oliver W. Shih Carroll Philip Gossett		
OB 1000	Scene Change Detection by Segmentation Analysis	Adityo Prakash Eniko Fodor Edward Ratner	10/167,244	6/10/2002
OB 1100	Bit Allocation Process for Multi- Stage Image Compression	Schuyler Cullen Edward Ratner Rasmus Larsen David B. Kita	10/175,510	6/18/2002
OB 1200	Flow Control Method for Quality Streaming of Audio/Video/Media Over Packet Network	Chandlee Harrell Edward Ratner Thomas Miller Adityo Prakash Hon Hing So	10/243,628	9/13/2002
OB 1300	Hierarchical Segment-based Motion Vector Encoding and Decoding	Tser-Yuan Brian Yang Edward Ratner Adityo Prakash David B. Kita	10/196,739	7/15/2002

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