

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7128071

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PARADYNE CORPORATION	01/18/2022
RECEIVING PARTY DATA	
Name:	DZS INC.
Street Address:	5700 TENNYSON PARKWAY
Internal Address:	SUITE 400
City:	PLANO
State/Country:	TEXAS
Postal Code:	75024
PROPERTY NUMBERS Total: 16	
Property Type	Number
Application Number:	11086063
Application Number:	10950801
Application Number:	10889858
Application Number:	09733841
Application Number:	09736353
Application Number:	09766255
Application Number:	10515222
Application Number:	10435873
Application Number:	10956780
Application Number:	12394591
Application Number:	12908325
Application Number:	10269209
Application Number:	09032671
Application Number:	09144926
Application Number:	11108244
Application Number:	11496353
CORRESPONDENCE DATA	
Fax Number:	(214)661-4552
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent</i>	
PATENT	

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2149536500
Email: ptomail1@bakerbotts.com
Correspondent Name: BAKER BOTTS, LLP
Address Line 1: 2001 ROSS AVENUE
Address Line 2: SUITE 900
Address Line 4: DALLAS, TEXAS 75201

ATTORNEY DOCKET NUMBER:	088798.0106
NAME OF SUBMITTER:	LINDA HENRETTA
SIGNATURE:	/linda henretta/
DATE SIGNED:	01/19/2022

Total Attachments: 4

source=0887980106_Assignment#page1.tif
source=0887980106_Assignment#page2.tif
source=0887980106_Assignment#page3.tif
source=0887980106_Assignment#page4.tif

EXECUTION COPY
CONFIDENTIAL

PATENT ASSIGNMENT

WHEREAS, Paradyne Corporation, a corporation organized under the laws of the State of Delaware, United States of America and having a place of business at 8545 126th Avenue North, Largo, Florida ("**ASSIGNOR**"), owns rights in, to and under the patent applications set forth in the attached Exhibit A (the "Properties"); and

WHEREAS, DZS Inc., a corporation organized under the laws of the State of Delaware, United States of America and having a place of business at 5700 Tennyson Parkway, Suite 400, Plano, Texas 75024 ("**ASSIGNEE**"), is desirous of acquiring ASSIGNOR'S entire right, title and interest in, to and under the Properties.

WHEREAS, Assignor, to the extent they own any right, title and interest in and to the Properties is desirous of assigning any and all such rights, title and/or interest to Assignee.

NOW, THEREFORE, for USD \$1.00 and other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Assignor has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the Properties and any and all letters patent or patents in the United States of America(including any divisions, continuations, continuations-in-part, reissues, reexaminations or extensions of letters patents and other related applications arising from, corresponding to and/or claiming priority to any of the Properties), the same to be held and enjoyed by the ASSIGNEE for its own use and enjoyment and for the use and enjoyment of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent may be granted, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made, and further including all income, royalties, damages and payments for past or future infringements and misappropriations thereof, all rights to sue for past, present and future infringements or misappropriations thereof, and all rights corresponding to any of the above throughout the world and for the full term or terms of assigned Properties;

AND for the same consideration, ASSIGNOR hereby covenants and agrees to and with ASSIGNEE, its successors, legal representatives and assigns, that ASSIGNOR will encourage its employees named as inventors on one or more of the assigned Properties, to make, execute and deliver any and all other instruments in writing as may be necessary to assign the Properties to ASSIGNEE, including, but not limited to, any and all further application papers, affidavits, assignments and other documents, and that ASSIGNOR will communicate to ASSIGNEE, its successors, legal representatives and assigns, all facts known to ASSIGNOR relating to the Properties, and that ASSIGNOR will testify in all legal proceedings and generally do all things which may be necessary or desirable to more effectually secure to and vest in ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in and to the Properties;

EXECUTION COPY
CONFIDENTIAL

AND THE ASSIGNOR HEREBY authorizes and requests the Commissioner of the United States Patent and Trademark Office, whose duty is to issue patents, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

IN WITNESS WHEREOF, the undersigned have executed this Patent Assignment as of the 18th of January 2022.

PARADYNE CORPORATION

DocuSigned by:
By: Justin Ferguson
08F84698177C437...
Name: Justin Ferguson
Title: Chief Legal Officer

DZS INC.

DocuSigned by:
By: Justin Ferguson
08F84698177C437...
Name: Justin Ferguson
Title: Chief Legal Officer

EXECUTION COPY
CONFIDENTIAL

Exhibit A

ASSIGNED PATENTS AND PATENT APPLICATIONS

Country	Application No.	Filing Date	Patent No.	Issue Date	Title
US	11/086,063	22-Mar-2005	7,961,850	14-Jun-2011	APPARATUS AND METHOD FOR SIMULTANEOUS MULTIPLE TELEPHONE TYPE SERVICES ON A SINGLE TELEPHONE LINE
US	10/950,801	27-Sep-2004	7,936,689	03-May-2011	SYSTEM AND METHOD FOR THE MEASUREMENT OF SERVICE QUALITY IN A COMMUNICATION NETWORK
US	10/889,858	13-Jul-2004	7,747,000	29-Jun-2010	SUBSCRIBER LINE DRIVER AND TERMINATION
US	09/733,841	07-Dec-2000	6,975,694	13-Dec-2005	DIGITAL SUBSCRIBER LINE DRIVER
US	09/736,353	14-Dec-2000	7,099,401	29-Aug-2006	DISCRETE MULTITONE INTERLEAVER
US	09/766,255	17-Jan-2001	7,088,781	08-Aug-2006	TONE ORDERED DISCRETE MULTITONE INTERLEAVER
US	10/515,222	19-Nov-2004	7,969,900	28-Jun-2011	DETERMINATION OF NETWORK PERFORMANCE CHARACTERISTICS
US	10/435,873	12-May-2003	8,867,335	21-Oct-2014	SYSTEM AND METHOD FOR FAULT ISOLATION IN A PACKET SWITCHING NETWORK
US	10/956,780	01-Oct-2004	7,522,679	21-Apr-2009	SYSTEM AND METHOD FOR ADAPTING TO A CHANGE IN CONSTELLATION DENSITY WHILE RECEIVING A SIGNAL
US	12/394,591	27-Feb-2009	7,835,459	16-Nov-2010	SYSTEM AND METHOD FOR ADAPTING TO A CHANGE IN CONSTELLATION DENSITY WHILE RECEIVING A SIGNAL
US	12/908,325	20-Oct-2010	8,279,969	02-Oct-2012	SYSTEM AND METHOD FOR ADAPTING A CHANGE IN CONSTELLATION DENSITY WHILE RECEIVING A SIGNAL

EXECUTION COPY
CONFIDENTIAL

US	10/269,209	03-Oct-2002	7,020,266	28-Mar-2006	SIMULTANEOUS TRANSMISSION OF AN ANALOG POTS SIGNAL AND A DIGITAL SIGNAL ON A SUBSCRIBER LINE
US	09/032,671	27-Feb-1998	6,580,785	17-Jun-2003	APPARATUS AND METHOD FOR SIMULTANEOUS MULTIPLE TELEPHONE TYPE SERVICES ON A SINGLE TELEPHONE LINE
US	09/144,926	01-Sep-1998	6,798,742	28-Sep-2004	SYSTEM AND METHOD FOR THE MEASUREMENT OF SERVICE QUALITY IN A COMMUNICATION NETWORK
US	10/889,858	13-Jul-2004	6,782,096	29-Jun-2010	SUBSCRIBER LINE DRIVER WITH EQUALIZER
US	11/108,244	18-Apr-2005	7,149,268	12-Dec-2006	DIGITAL SUBSCRIBER LINE DRIVER
US	11/496,353	31-Jul-2006	7,418,048	26-Aug-2008	tone ORDERED DISCRETE MULTITONE INTERLEAVER

PATENT

REEL: 058692 FRAME: 0582

RECORDED: 01/19/2022