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File No: E-Tek Dynamics,
Inc. Applns

101799242

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

1. Name of conveying Party(ies):

8-3-01

E-Tek Dynamics, Inc.

2. Name and address of receiving party(ies)

Name: JDS Uniphase Corporation
Street Address: 210 Baypointe Parkway
City: San Jose
Province: California
Country: U.S.A.
Postal Code: 95134Additional name(s) of conveying party(ies) attached? Yes ☒ No

3. Nature of Conveyance:

☒ Assignment
Security AgreementMerger
Change of Name

Execution Date: July 17, 2001

Additional name(s) & addresses attached? Yes ☒ No4. Application number(s) or patent number(s): 09/307,959; 09/475,715; 09/328,037; 09/276,476; 09/470,687;
09/430,519; 09/518,561; 09/518,770; 09/517,640; 09/660,314;
09/603,789; 09/476,034; 09/578,796; 09/644,144; 09/517,641;
08/884,880; 09/543,624; 09/114,309; 09/351,641; 09/342,456;
09/398,372

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

A. Patent Application No.(s) 09/307,959; 09/475,715; 09/328,037; 09/276,476; 09/470,687; B. Patent No.(s)
09/430,519; 09/518,561; 09/518,770; 09/517,640; 09/660,314;
09/603,789; 09/476,034; 09/578,796; 09/644,144; 09/517,641;
08/884,880; 09/543,624; 09/114,309; 09/351,641; 09/342,456;
09/398,372Additional numbers attached? Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: Randy W. Lacasse
Lacasse & Associates
Address: 2001 Jefferson Davis Highway, Suite 806
City: Arlington, Virginia, 22202
Country: U.S.A.

6. Total number of applications and patents involved 21

7. Total fee (37 CFR 3.41)\$840.00
Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number: 50-1465

(attach duplicate copy of this sheet if paying by deposit acct)

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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.

Randy W. Lacasse
Name of Person Signing
Signature8/1/2001
Date

Total number of pages including cover sheet, attachments and document 4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington D.C. 20231PATENT
REEL: 012026 FRAME: 0220

Schedule A

Title	Serial No	Filing Date	Our File No
TEMC FIBER BASED OPTICAL SWITCH	09/307,959	10-May-99	P005 US
REFLECTION BASED NON-MOVING PART OPTICAL SWITCH	09/475,715	30-Dec-99	P006 US
DWDM COMB FILTERS AND DEVICES FOR DWDM SYSTEM APPLICATION	09/328,037	8-Jun-99	P014 US
REFLECTION TYPE OPTICAL ISOLATOR	09/276,476	25-Mar-99	P015 US
FUNCTIONAL DEVICE BASED ON FOCUSING CONCAVE GRATINGS FOR MULTI-WAVELENGTH CHANNEL MANIPULATION	09/470,687	23-Dec-99	P021 US
ELECTROOPTIC POLARIZATION AND WAVELENGTH INSENSITIVE BEAM STEERING DEVICES	09/430,519	29-Oct-99	P023 US
APPARATUS CAPABLE OF OPERATING AS INTERLEAVER/DEINTERLEAVERS OR FILTERS	09/518,561	3-Mar-00	P026 US
MODULARIZED INTERLEAVER/DEINTERLEAVER	09/518,770	4-Mar-00	P027 US
INTERLEAVER/DEINTERLEAVERS CAUSING LITTLE OR NO DISPERSION OF OPTICAL SIGNALS	09/517,640	3-Mar-00	P028 US
OPTICAL ISOLATOR USING MULTIPLE CORE FIBERS	09/660,314	12-Sep-00	P031 US
FREE-SPACE THERMO-OPTICAL DEVICES	09/603,789	26-Jun-00	P032 US
MULTIPASS DIREFENGENCE CRYSTAL INTERLEAVER	09/476,034	31-Dec-99	P044 US
U-SHAPED AWG CHIP STRUCTURE	09/578,796	23-May-00	P054 US
A LIGHT FILTER WHICH COUNTERACTS A TENDENCY TO SHIFT OPTICAL WAVELENGTH WITH CHANGE IN TEMPERATURE	09/644,144	22-Aug-00	P056 US
FREQUENCY TUNING OF OPTICAL DEVICES	09/517,641	3-Mar-00	P060 US
MINIATURE VARIABLE ATTENUATOR	08/884,880	30-Jun-97	TOW-005510 US
LOW COST FIBER OPTIC CIRCULATOR	09/543,624	5-Apr-00	TOW-007110 US DIV
OVERLAPPING MULTIPLE FIBER BRAGG GRATINGS	09/114,309	13-Jul-98	TOW-007200 US
TUNABLE FIBER OPTIC FILTER	09/351,641	13-Jul-99	TOW-007410 US
FIBEROPTIC DEVICES WITH A JOINED OPTICAL FIBER SUBASSEMBLY	09/342,456	28-Jun-99	TOW-008000 US
INTERLEAVED SAMPLED & CHIRPED OPTICAL WAVEGUIDE GRATINGS FOR WDM CHANNEL OPERATIONS AND RESULTING DEVICES	09/398,372	17-Sep-99	TOW-008500 US

ASSIGNMENT

THIS ASSIGNMENT, made by **E-Tek Dynamics, Inc.**, a corporation of the state of **Delaware** having its principal place of business at **1865 Lundy Avenue, San Jose, California, United States of America, 95131**, hereinafter referred to as assignor;

WITNESSETH: That,

WHEREAS the above named corporation is the owner of the entire right, title, and interest in and to the US patent applications set forth in Schedule A attached hereto, and all rights therein provided by international conventions or treaties, and the inventions disclosed and claimed therein, and any applications that rely on one or more of the patent applications set forth in Schedule A for priority, including with respect to all of the foregoing, any and all divisionals, continuations, continued prosecution applications, continuations-in-part, reissues, reexaminations thereof as well as foreign counterparts thereof, together with all patents issuing on any of the aforesaid applications for a patent, subject to any U.S. Government rights therein (collectively the "Patent Applications");

WHEREAS **JDS Uniphase Corporation**, a Delaware corporation having its principal place of business at **210 Baypointe Parkway, San Jose, California, U.S.A., 95134**, hereinafter referred to as assignee, is desirous of acquiring the assignor's entire right, title, and interest in and to said Patent Applications;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the above assignor has sold and by these presents does hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, its entire right, title, and interest in and to said Patent Applications.

The assignor further covenants and agrees that, at the time of execution and delivery of these presents, it possesses full title to said Patent Applications as earlier identified

subject to any U.S. Government rights therein, and that it has the unencumbered right and authority to make this assignment.

Executed this 17 day of July, 2001.
at San Jose, CA, United States.

(Signature of Signing Authority)

William Gerson
for E-Tek Dynamics Inc.

(Print Name)

William Gerson

(Title)

General Counsel

Declaration by Witness

I, Michelle Harriet, whose full post office address is
210 Baypoint Parkway
SAN JOSE, CA 95134 USA say:

That I was personally present and did see the above identified representative of **E-Tek Dynamics, Inc.**, who is personally known to me duly sign and execute the above Assignment.

Michelle Harriet
Signature of Witness