

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7113349

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID F. WELCH	02/10/2021
RECEIVING PARTY DATA	
Name:	INFINERA CORPORATION
Street Address:	140 CASPIAN COURT
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94089
PROPERTY NUMBERS Total: 10	
Property Type	Number
Application Number:	16510528
Application Number:	16809441
Application Number:	16809426
Application Number:	16578393
Application Number:	16578390
Application Number:	16578391
Application Number:	16578397
Application Number:	16578398
Application Number:	16578396
Application Number:	16730562
CORRESPONDENCE DATA	
Fax Number:	(240)264-5501
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	2402645500
Email:	infineraIP@dennemeyer.com
Correspondent Name:	INFINERA CORPORATION
Address Line 1:	6373 SAN IGNACIO AVE.
Address Line 4:	SAN JOSE, CALIFORNIA 95119
ATTORNEY DOCKET NUMBER:	M11

NAME OF SUBMITTER:	RADU LUPU
SIGNATURE:	/Radu Lupu/
DATE SIGNED:	01/11/2022
Total Attachments: 3 source=Welch_signed_assignment#page1.tif source=Welch_signed_assignment#page2.tif source=Welch_signed_assignment#page3.tif	

ASSIGNMENT

Be it known that for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration the receipt of which is hereby acknowledged, and intending to be bound legally, I, David F. Welch, assign to INFINERA CORPORATION, a corporation formed under the laws of Delaware and having a principal place of business at 140 Caspian Court, Sunnyvale, CA 94089 (the "Assignee"), any and all right, title, and interest throughout the world that I have or may have in the invention(s) described in the patent application(s) listed in the attached Appendix (collectively, the "US Applications"), each of which names me as one of the inventors thereof. (Collectively, the invention(s) described in the US Applications are referred to herein as the "Subject Matter of the US Applications").

I also assign any and all right, title, and interest throughout the world that I have or may have in: (a) the US Applications; (b) all other applications, including, but not limited to, all continuations, divisionals, or foreign filings in any country or region and under any treaty or convention, which claim priority in any way to one or more of the US Applications ("Other Applications"); (c) all applications and patents for any of the Subject Matter of the US Applications, including but not limited to any patents maturing from or granted on such US Applications or Other Applications; (d) all utility models, design registrations, and other rights of exclusion and inventors' certificates for any of the Subject Matter in every country or region and under every treaty or convention (collectively, (a)-(d) above are referred to herein as the "Applications and Granted Rights"); (e) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (f) the sole and exclusive right to pursue, collect, and retain damages and any other remedies arising from any past, present, or future infringement of any patents or other rights assigned by this Assignment.

I authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter of the US Applications, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in my name or in the Assignee's name.

I will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and/or provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment. If the Assignee is unable, because of my incapacity or for any other reason, to secure my signature to apply for or to pursue any application assigned to the Assignee above, then I irrevocably designate and appoint the Assignee and its duly authorized officers and agents as my agent and attorney in fact, to act for and in my behalf and stead to execute and file any such applications and to do all other lawfully permitted acts to further the prosecution and issuance of any patents thereon with the same legal force and effect as if executed by me.

I represent and warrant that I have the right and power to make this Assignment and that I have not made and will not make any other assignment that conflicts with this Assignment.



DAVID F. WELCH

DATE: 2/10/21

APPENDIX TO ASSIGNMENT

Attorney Docket No.	Serial No.	Title
P656	16/510,528	SUBCARRIER BASED DATA CENTER NETWORK ARCHITECTURE
P674-SW-TDMA	16/809,441	TIME DIVISION MULTIPLE ACCESS OPTICAL SUBCARRIERS
P674-TDMA	16/809,426	TIME DIVISION MULTIPLE ACCESS OPTICAL SUBCARRIERS
P683-00	16/578,393	FREQUENCY DIVISION MULTIPLE ACCESS OPTICAL SUBCARRIERS
P683-CC-1	16/578,390	FREQUENCY DIVISION MULTIPLE ACCESS OPTICAL SUBCARRIERS
P683-CC-2	16/578,391	FREQUENCY DIVISION MULTIPLE ACCESS OPTICAL SUBCARRIERS
P683-FDMA-1	16/578,397	FREQUENCY DIVISION MULTIPLE ACCESS OPTICAL SUBCARRIERS
P683-FDMA-2	16/578,398	FREQUENCY DIVISION MULTIPLE ACCESS OPTICAL SUBCARRIERS
P683-TRX	16/578,396	FREQUENCY DIVISION MULTIPLE ACCESS OPTICAL SUBCARRIERS
P668	16/730,562	SUBCARRIER MODULATION WITH RADIO FREQUENCY (RF) IQ MODULATORS