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Address (line 1)	400 West Third Street					
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Address (line 3)	Santa Rosa, CA 95401					
Address (line 4)						
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Name	of Person Signing	Signature	Date			

ASSIGNMENT OF APPLICATION

Whereas we, Paul G. Coombs, Charles T. Markantes, and Roger W. Phillips, all of Santa Rosa California; hereafter referred to as APPLICANTS, have invented certain new and useful improvements in THERMAL CONTROL INTERFERENCE COATING AND PIGMENTS. hereinafter called "the invention", for which I, Paul G. Coombs signed a Declaration for Patent Application on May 17, 2002, and which is assigned Attorney Docket No. FP0126US, and

Whereas, Flex Products, Inc., of Santa Rosa, California, a JDS Uniphase Company, herein referred to as ASSIGNEE, whose principle place of business is 1402 Mariner Way, Santa Rosa, CA 95407-7370 is desirous of acquiring the entire right, title, and interest in the same;

Now therefore, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an APPLICANT, by these presents do sell, assign, and transfer to the ASSIGNEE the full and exclusive right to the invention in the United States and the entire right, title and interest in and to any and all Patents that may be granted therefor in the United States, including any reissue patents, continuation patents, and/or division patents. I also hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to the ASSIGNEE, who holds the entire right, title, and interest to the same for its sole use and benefit; and for the use and benefit of its legal representatives, successors, and assigns, to the full end of the term for which any Patent may be granted.

I, the APPLICANT hereby further sells, assigns, transfers, and sets over to the ASSIGNEE the entire right, title, and interest in and to the invention in each and every country foreign to the United States; and the APPLICANT further conveys to the ASSIGNEE all priority rights resulting from the above-identified United States Patent Application, including the right to file patent applications in the ASSIGNEE's own name. The APPLICANT further agrees to execute all papers, give any required testimony, and perform other lawful acts, at the ASSIGNEE's expense, as the ASSIGNEE my require to enable the ASSIGNEE to perfect the ASSIGNEE's interest in any resulting patent of the United States or any foreign country, and to acquire, hold, enforce, convey, and uphold the validity of the patent and reissues and extensions thereof, and the ASSIGNEE's interest therein.

Executed this 17th day of May, 2002 at Santa Rosa, California

Witnessed by: Michael R. W.f. (Print name): Michael R.

ASSIGNMENT OF APPLICATION

Whereas we, Paul G. Coombs, Charles T. Markantes, and Roger W. Phillips, all of Santa Rosa California; hereafter referred to as APPLICANTS, have invented certain new and useful improvements in THERMAL CONTROL INTERFERENCE COATING AND PIGMENTS, hereinafter called "the invention", for which I, Roger W. Phillips signed a Declaration for Patent Application on 17 May 200, and which is assigned Attorney Docket No. FP0126US, and

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Executed this 17 day of May, 2002 at Santa Rosa, California

Ro**⊈e∤** W. Phillips

Witnessed by:

(Print name):

ASSIGNMENT OF APPLICATION

Whereas we, Paul G. Coombs, Charles T. Markantes, and Roger W. Phillips, all of Santa Rosa California; hereafter referred to as APPLICANTS, have invented certain new and useful improvements in THERMAL CONTROL INTERFERENCE COATING AND PIGMENTS. hereinafter called "the invention", for which I, Charles T. Markantes signed a Declaration for Patent Application on 5-20-02, and which is assigned Attorney Docket No. FP0126US, and

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Executed this $\partial \mathcal{D}^{\mathcal{H}}$ day of May, 2002 at Santa Rosa, California

Charles T. Markantes

Witnessed by:

PATENT

REEL: 012934 FRAME: 0895

ASSIGNMENT OF APPLICATION

Whereas we, Paul G. Coombs, Charles T. Markantes, and Roger W. Phillips, all of Santa Rosa California: hereafter referred to as APPLICANTS, have invented certain new and useful improvements in THERMAL CONTROL INTERFERENCE COATING AND PIGMENTS. hereinafter called "the invention", for which I, Paul G. Coombs signed a Declaration for Patent Application on May 17, 2002, and which is assigned Attorney Docket No. FP0126US, and

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Executed this 17th day of May, 2002 at Santa Rosa, California

Witnessed by: Michael R. Nof.

(Print name): Michael R. Nofi

ASSIGNMENT OF APPLICATION

Whereas we, Paul G. Coombs, Charles T. Markantes, and Roger W. Phillips, all of Santa Rosa California; hereafter referred to as APPLICANTS, have invented certain new and useful improvements in THERMAL CONTROL INTERFERENCE COATING AND PIGMENTS. hereinafter called "the invention", for which I, Charles T. Markantes signed a Declaration for Patent Application on 5-20-02, and which is assigned Attorney Docket No. FP0126US, and

Whereas, Flex Products, Inc., of Santa Rosa, California, a JDS Uniphase Company, herein referred to as ASSIGNEE, whose principle place of business is 1402 Mariner Way, Santa Rosa, CA 95407-7370 is desirous of acquiring the entire right, title, and interest in the same;

Now therefore, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an APPLICANT, by these presents do sell, assign, and transfer to the ASSIGNEE the full and exclusive right to the invention in the United States and the entire right, title and interest in and to any and all Patents that may be granted therefor in the United States, including any reissue patents, continuation patents, and/or division patents. I also hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to the ASSIGNEE, who holds the entire right, title, and interest to the same for its sole use and benefit: and for the use and benefit of its legal representatives, successors, and assigns, to the full end of the term for which any Patent may be granted.

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Executed this 20th day of May, 2002 at Santa Rosa, California

Charl men

(Print name): SHAUN MCCAFFERY

PATENT

REEL: 012934 FRAME: 0897

ASSIGNMENT OF APPLICATION

Whereas we, Paul G. Coombs, Charles T. Markantes, and Roger W. Phillips, all of Santa Rosa California; hereafter referred to as APPLICANTS, have invented certain new and useful improvements in THERMAL CONTROL INTERFERENCE COATING AND PIGMENTS, hereinafter called "the invention", for which I, Roger W. Phillips signed a Declaration for Patent Application on Interpretation of Patent Application of Patent A

Whereas, Flex Products, Inc., of Santa Rosa, California, a JDS Uniphase Company, herein referred to as ASSIGNEE, whose principle place of business is 1402 Mariner Way, Santa Rosa, CA 95407-7370 is desirous of acquiring the entire right, title, and interest in the same;

Now therefore, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an APPLICANT, by these presents do sell, assign, and transfer to the ASSIGNEE the full and exclusive right to the invention in the United States and the entire right, title and interest in and to any and all Patents that may be granted therefor in the United States, including any reissue patents, continuation patents, and/or division patents. I also hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to the ASSIGNEE, who holds the entire right, title, and interest to the same for its sole use and benefit; and for the use and benefit of its legal representatives, successors, and assigns, to the full end of the term for which any Patent may be granted.

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Executed this 17 day of May, 2002 at Santa Rosa, California

RECORDED: 05/20/2002

Roger W. Phillips

Witnessed by:

(Print name):