

ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

Michael Paul Minneman	Douglas Fredrick Zahn	Elwood James Egerton
1275 West 13th Avenue	21551 26th Avenue West	11241 Lookout Road
Broomfield, CO 80020	Brier, WA 98036	Longmont, CO 80501

hereby sell and assign to DBM OPTICS, INCORPORATED, a corporation of Colorado, having a place of business at 300 South Public Road, Lafayette, CO 80026, U.S.A., its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

**MITIGATING THE EFFECTS OF MINIATURIZING INTEGRATING SPHERES FOR
FIBER OPTIC MEASUREMENT**

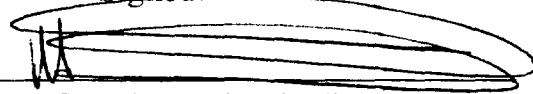
for which application for United States Letters Patent has been filed on January 21, 2002 under Serial No.10/053,751, said application for United States Letters Patent, and all United States provisional patent applications on which priority is claimed, including but not limited to, applications Serial No.60/262,753, filed on January 19, 2001 and Serial No. 60/264,947, filed January 30, 2001, any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and

lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

Attested by:

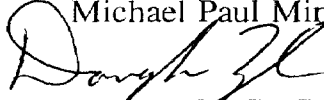
Signed:

Dated:



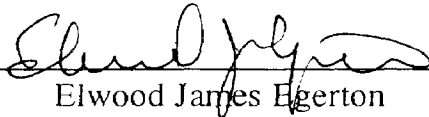
Michael Paul Minneman

3-6-02



Douglas Fredrick Zahn

3-18-02



Elwood James Egerton

3-11-02

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