

# EXHIBIT E

## ASSIGNMENT

**WHEREAS, RED RIVER FIBER OPTICS CORPORATION**, a Texas corporation, having a place of business at 7932 N. 174 E. Avenue, Owasso, OK 74055-5804 (hereafter, together with any successors, legal representatives or assigns thereof, called "Assignor") is the owner of the entire right, title, and interest and assignee of **U.S. Patent No. 5555478**, issued on September 10, 1996, for an invention entitled "Fiber Optic Information Transmission System";

**AND WHEREAS, ACACIA RESEARCH GROUP LLC**, a Texas limited liability company having a principal place of business at 6136 Frisco Square Blvd. Suite 385, Frisco, TX 75034 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said **U.S. Patent No. 5555478**, and all the inventions therein, and Assignor is willing to enter into such assignment.

**NOW, THEREFORE**, effective on January 31, 2013, based on the terms and conditions of the prior agreement between Assignor and Assignee (which are in full effect and not superseded) and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from ASSIGNEE is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to **U.S. Patent No. 5555478**, and all patents, patent applications, foreign patents, foreign patent applications, continuations, continuations-in-part, divisionals, extensions, renewals, reissues and re-examinations related to all inventions thereof, including without limitation, all rights to claim priority on the basis thereof, all rights to sue for past, present and future infringement, including the right to collect and receive any damages, royalties, or settlements for such infringements, all rights to sue for injunctive or other equitable relief, and any and all causes of action relating to any of the inventions or discoveries thereof;

**Assignor** hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict with this Assignment;

**Assignor** hereby further covenants and agrees that it will communicate to ASSIGNEE any and all facts known to it respecting said patents, and testify in any legal proceeding, sign all lawful papers, execute and deliver all papers and take any actions that may be necessary or desirable to perfect the title to any aforementioned patents and inventions, execute all divisional, continuation, reexamination, reissue and substitute applications, and make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said inventions in all countries.

FOR USPTO RECORDING

IN TESTIMONY WHEREOF, the parties have executed this Agreement as of the date first above written.

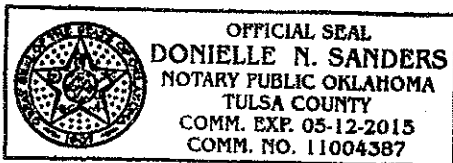
**RED RIVER FIBER OPTICS CORPORATION**  
(Assignor)

By Melba Z. Stiner  
Name Melba Z. Stiner  
Title President

STATE OF Oklahoma )  
COUNTY OF Tulsa )

On February 5, 2013, before me Donielle N Sanders, Notary Public, personally appeared Melba Z Stiner personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Oklahoma that the foregoing paragraph is true and correct. WITNESS my hand and official seal.



Donielle N Sanders  
Signature of Notary