

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jeffery W Butterbaugh</td> <td>03/14/2013</td> </tr> <tr> <td>Anthony S Ratkovich</td> <td>03/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jeffery W Butterbaugh	03/14/2013	Anthony S Ratkovich	03/14/2013				
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Anthony S Ratkovich	03/14/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>TEL FSI, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>3455 Lyman Blvd.</td> </tr> <tr> <td>City:</td> <td>Chaska</td> </tr> <tr> <td>State/Country:</td> <td>MINNESOTA</td> </tr> <tr> <td>Postal Code:</td> <td>55318</td> </tr> </table>		Name:	TEL FSI, Inc.	Street Address:	3455 Lyman Blvd.	City:	Chaska	State/Country:	MINNESOTA	Postal Code:	55318
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 5124241040  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (480) 539-2102        Email: TEHIPDocket@us.tel.com        Correspondent Name: Tokyo Electron U.S. Holdings, Inc.        Address Line 1: 2545 W. Frye Rd.        Address Line 2: Suite 1        Address Line 4: Chandler, ARIZONA 85224</p>											
ATTORNEY DOCKET NUMBER:	TEF-148										
NAME OF SUBMITTER:	Joshua D. Mather										
	This document serves as an Oath/Declaration (37 CFR 1.63).										
<p>Total Attachments: 2        source=TEF-148_Decl-Assign_signed#page1.tif        source=TEF-148_Decl-Assign_signed#page2.tif</p>											

CH \$40.00 13834398

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

**Title of Invention: PROCESS FOR SILICON NITRIDE REMOVAL SELECTIVE TO SiGe<sub>x</sub>**

As a below named inventor, I hereby declare that:

This declaration is directed to:

The attached application, or  
 United States application number or PCT international application number  
\_\_\_\_\_ filed on \_\_\_\_\_

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.


**Assignor(s):** The Assignor(s) is/are the undersigned inventor(s). The undersigned inventor(s) has/have made certain inventions, improvements, and/or discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application.

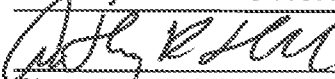
**Assignee:** The Assignee is TEL FSI, Inc., a corporation of Minnesota having a place of business at 3455 Lyman Blvd., Chaska, MN 55318 (herein referred to as the "ASSIGNEE"). The term "ASSIGNEE" used herein includes successors, legal representatives, and assigns of the ASSIGNEE. The ASSIGNEE desires to acquire the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents obtained from the Invention.

As an undersigned inventor, I hereby assign to the ASSIGNEE my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefrom in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, granted for the invention, to the ASSIGNEE, and I authorize and request foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE. The entire

worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made. I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, for the ASSIGNEE, whenever requested by the ASSIGNEE.

As an undersigned inventor, I acknowledge prior and ongoing obligations to sell, assign, and/or transfer my rights in the Invention to the ASSIGNEE. I have not sold, assigned, or otherwise transferred my rights in the Invention to another, and I am under no obligation to sell, assign, or otherwise transfer my rights in the Invention to another. I also hereby grant the ASSIGNEE, the right to insert in this Declaration and Assignment any further identification (including, but not limited to, patent application number and filing date) which may be necessary or desirable for recording this Declaration and Assignment.

(1) Legal name of Inventor: Jeffery W. BUTTERBAUGH  
 Inventor's Signature:  Date: 3/14/13  
 Residence City/State/Country: Eden Prairie, MN  
 Mailing Address: 8197 Hogan Way, Eden Prairie, MN 55347  
 Citizenship: US

(2) Legal name of Inventor: Anthony S. RATKOVICH  
 Inventor's Signature:  Date: 3/14/2013  
 Residence City/State/Country: Bloomington, MN  
 Mailing Address: 8332 Columbus Ave. S, Bloomington, MN 55420  
 Citizenship: US