

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	09/30/2002

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
Wolverine Joining Technologies, Inc.		09/30/2002	CORPORATION: DELAWARE

**RECEIVING PARTY DATA**

Name:	Wolverine Joining Technologies, LLC
Street Address:	200 Clinton Avenue, Suite 1000
City:	Huntsville
State/Country:	ALABAMA
Postal Code:	35801
Entity Type:	Limited Liability Company: DELAWARE

**PROPERTY NUMBERS Total: 4**

Property Type	Number	Word Mark
Serial Number:	74545957	SILVABRITE 100
Serial Number:	74672842	SILVABRITE
Serial Number:	74672841	SILVALOY
Serial Number:	74665975	ULTRA FLUX

**CORRESPONDENCE DATA**

Fax Number: (404)541-4608  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 404-815-6500  
 Email: tadmin@kilpatrickstockton.com  
 Correspondent Name: William h. Brewster  
 Address Line 1: 1100 Peachtree Street, Suite 2800  
 Address Line 4: Atlanta, GEORGIA 30309

NAME OF SUBMITTER: Barbara F. Edwards

**TRADEMARK**

Signature:	/bfe/
Date:	09/08/2005
<b>Total Attachments: 9</b> source=20050902121520725#page1.tif source=20050902121520725#page2.tif source=20050902121520725#page3.tif source=20050902121520725#page4.tif source=20050902121520725#page5.tif source=20050902121520725#page6.tif source=20050902121520725#page7.tif source=20050902121520725#page8.tif source=20050902121520725#page9.tif	

# Delaware

PAGE 1

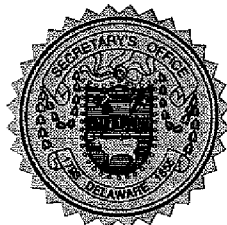
*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"WOLVERINE JOINING TECHNOLOGIES, INC.", A DELAWARE CORPORATION,

WITH AND INTO "WOLVERINE JOINING TECHNOLOGIES, LLC" UNDER THE NAME OF "WOLVERINE JOINING TECHNOLOGIES, LLC", A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE FIRST DAY OF OCTOBER, A.D. 2002, AT 9 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

3570981 8100M

AUTHENTICATION: 2014793

020607463

DATE: 10-02-02  
**TRADEMARK**

**REEL: 003155 FRAME: 0274**

**WOLVERINE JOINING TECHNOLOGIES, INC.**

September 19, 2002

State of Delaware  
Secretary of State  
Division of Corporations  
John G. Townsend Building  
Federal & Duke of York Street  
Dover, Delaware 19801

Re: Consent to Use of Corporate Name of Wolverine Joining Technologies, LLC


Dear Sir or Madame:

I, the undersigned, being authorized as an officer of Wolverine Joining Technologies, Inc., a Delaware corporation, do hereby give my consent to your office to allow the use of the following corporate name for the use described below:

**WOLVERINE JOINING TECHNOLOGIES, LLC**

The name of the limited liability company is being requested for use of forming a new entity in which the corporation, Wolverine Joining Technologies, Inc., will be merged with and into Wolverine Joining Technologies, LLC shortly following formation.

WOLVERINE JOINING TECHNOLOGIES, INC.

  
Name: Johann R. Manning, Jr.  
Title: Secretary & Treasurer

\*\* TOTAL PAGE.06 \*\*

TRADEMARK  
REEL: 003155 FRAME: 0275

**CERTIFICATE OF FORMATION**  
**OF**  
**WOLVERINE JOINING TECHNOLOGIES, LLC**

The undersigned, an authorized person, for the purpose of forming a limited liability company under the provisions and subject to the requirements of the State of Delaware (particularly Chapter 18, Title 6 of the Delaware Code and the acts amendatory thereof and supplemental thereto, and known, identified and referred to as the "Delaware Limited Liability Company Act"), hereby certifies that:

**FIRST:** The name of the limited liability company (the "LLC") formed hereby is "Wolverine Joining Technologies, LLC".

**SECOND:** The address of the registered office of the LLC in the State of Delaware is c/o The Corporation Trust Company, Corporation Trust Center, 1209 Orange Street, Wilmington, Delaware 19801.

**THIRD:** The name and address of the registered agent for service of process on the LLC in the State of Delaware is The Corporation Trust Company, Corporation Trust Center, 1209 Orange Street, Wilmington, Delaware 19801.

**IN WITNESS WHEREOF**, the undersigned has executed this Certificate of Formation as of September 19<sup>th</sup> 2002.

  
\_\_\_\_\_  
Allen E. Dillard  
Authorized Person

# Delaware

PAGE 1

*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "WOLVERINE JOINING TECHNOLOGIES, LLC", FILED IN THIS OFFICE ON THE NINETEENTH DAY OF SEPTEMBER, A.D. 2002, AT 3 O'CLOCK P.M.



*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

3570981 8100

020585307

AUTHENTICATION: 1993388

DATE: 09-20-02

TRADEMARK  
REEL: 003155 FRAME: 0277

**CERTIFICATE OF MERGER**

**OF**

**WOLVERINE JOINING TECHNOLOGIES, INC.,**  
a Delaware corporation

**WITH AND INTO**

**WOLVERINE JOINING TECHNOLOGIES, LLC,**  
a Delaware limited liability company

Pursuant to the provisions of Section 264 of the Delaware General Corporation Law, Wolverine Joining Technologies, Inc., a Delaware corporation (the "Corporation"), and Wolverine Joining Technologies, LLC, a Delaware limited liability company (the "Company"), hereby adopt the following Certificate of Merger for the purpose of merging the Corporation with and into the Company whereby the Company will be the surviving entity:

**FIRST:** An Agreement and Plan of Merger ("Agreement of Merger") was approved, adopted, certified and executed by the Corporation in accordance with the Delaware General Corporation Law and by the Company in accordance with its Company Agreement, the Delaware Limited Liability Company Act and the Delaware Business Entities Conversion and Merger Act.

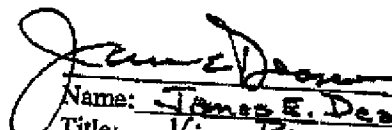
**SECOND:** The name of the surviving business entity is Wolverine Joining Technologies, LLC (the "Surviving Entity").

**THIRD:** The merger of the entities shall be effective as of October 1, 2002.

**FOURTH:** The executed Agreement of Merger is on file at the principal place of business of the Company at 200 Clinton Avenue, Suite 1000, Huntsville, Alabama 35801. A copy of the Agreement of Merger will be furnished by the Company on request and without cost to any stockholder of the Corporation or to any member of the Surviving Entity.

Dated as of September 30, 2002.

**WOLVERINE JOINING  
TECHNOLOGIES, LLC**

  
Name: James E. Deegan  
Title: Vice President

598267.1

\*\* TOTAL PAGE 04 \*\*

**TRADEMARK**  
**REEL: 003155 FRAME: 0278**

**AGREEMENT AND PLAN OF MERGER  
OF  
WOLVERINE JOINING TECHNOLOGIES, INC.,  
a Delaware corporation**

**WITH AND INTO**

**WOLVERINE JOINING TECHNOLOGIES, LLC,  
a Delaware limited liability company**

This Agreement and Plan of Merger, dated September 30, 2002 (the "Agreement") between Wolverine Joining Technologies, Inc., a Delaware corporation (the "Corporation"), and Wolverine Joining Technologies, LLC, a Delaware limited liability company (the "Company"), said two entities being herein sometimes collectively referred to as "Constituent Entities".

W I T N E S S E T H:

WHEREAS, Wolverine Joining Technologies, Inc. is a corporation duly organized and existing under the laws of the State of Delaware, having been incorporated as of August 28, 2000;

WHEREAS, Wolverine Joining Technologies, LLC is a limited liability company duly organized and existing under the laws of the State of Delaware, having been organized on September 19, 2002;

WHEREAS, the Corporation as of the date hereof has authorized capital stock consisting of 1,000 shares of Common Stock, par value of \$0.01 per share, of which 1,000 shares are issued and outstanding and owned by Wolverine Tube, Inc.;

WHEREAS, all of the Interests in the Company are owned by Wolverine Tube, Inc.;

and



WHEREAS, the sole member of the Company, the Board of Directors and the sole stockholder of the Corporation hereto deem it desirable and have approved, upon the terms and subject to the conditions stated herein, that the Corporation shall be merged with and into the Company ("Merger") and that the Company be the surviving entity.

NOW, THEREFORE, in consideration of the mutual covenants and agreements and provisions hereinafter contained, the Corporation and the Company hereby make, adopt and approve this Agreement and prescribe the terms and conditions of the Merger and the mode of carrying the same into effect, as follows:

SECTION 1. The Merger

The Corporation shall be merged with and into the Company on the Effective Date (as hereinafter defined). The Company shall be the surviving limited liability company and shall be governed by the laws of the State of Delaware. The separate existence of the Corporation shall cease as soon as the Merger shall become effective, and thereupon the Corporation and the Company shall be a single entity (herein the "Surviving Entity" whenever reference is made to it as of the Effective Date or thereafter).

SECTION 2. Effective Date.

The Merger shall become effective as of October 1, 2002. The date upon which the Merger becomes effective shall be referred to herein as the "Effective Date."

SECTION 3. Surviving Entity.

(a) The Certificate of Formation of the Company shall continue in full force and effect as the Certificate of Formation of the Surviving Entity.

(b) The Limited Liability Company Agreement of the Company on the Effective Date shall be the Limited Liability Company Agreement of the Surviving Entity

until the same shall be altered, amended or repealed as provided therein or otherwise by law.

(c) The members of the Company shall continue to manage the Surviving Entity and the officers of the Company on the Effective Date shall continue as the officers of the Surviving Entity.

SECTION 4. Capital Stock; Interests.

On the Effective Date, the Corporation shall be merged with and into the Company; therefore, the capital stock of the Corporation issued and outstanding shall be deemed cancelled and shall cease to exist at the time of the Merger. The Interests in the Company and the holders of such Interests reflected in the Limited Liability Company Agreement shall not change as a result of the Merger.

SECTION 5. Principal Place of Business.

On the Effective Date, the principal place of business of the Company as the Surviving Entity shall be 200 Clinton Avenue, Suite 1000, Huntsville, Alabama 35801.

SECTION 6. Termination of Agreement.

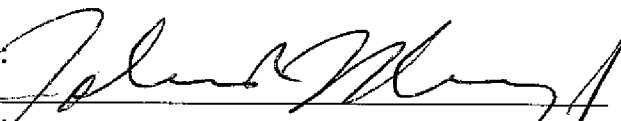
At any time prior to the time that the Certificate of Merger becomes effective, the Corporation and the Company, by mutual consent of their respective members and Board of Directors and to the extent permitted by law, may amend, modify, and supplement this Agreement in such manner as may be mutually agreed upon by them in writing at any time before or after adoption by the members and stockholders of each of the Constituent Entities.

At any time prior to the time that the Certificate of Merger becomes effective, this Agreement may be terminated or abandoned by the members or the Board of Directors,


as the case may be, of either of the Constituent Entities, notwithstanding favorable action on the merger by the members or stockholders, as the case may be, of either or both of the Constituent Entities. Upon termination, this Agreement shall be void and of no further force and effect, and there shall be no liability for such termination on the part of any party hereto, or the members, directors or officers of any of them.

IN WITNESS WHEREOF, the parties to this Agreement, pursuant to the approval and authority duly given by resolutions adopted by their respective members and Board of Directors and sole stockholder, have caused this Agreement to be executed as of the day and year first above written.

WOLVERINE JOINING TECHNOLOGIES,  
INC.,  
a Delaware corporation

By:   
Its: Secretary & Treasurer

WOLVERINE JOINING TECHNOLOGIES,  
LLC,  
a Delaware limited liability company

By:   
Its: Vice President