PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
X. Daniel Fang	02/28/2011
Jean-Luc Dufour	02/28/2011
David J. Wills	02/28/2011

RECEIVING PARTY DATA

Name:	TDY Industries, Inc.
Street Address:	1000 Six PPG Place
City:	Pittsburgh
State/Country:	PENNSYLVANIA
Postal Code:	15222

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13036332

CORRESPONDENCE DATA

Fax Number: (412)394-3010

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Address Line 4: Pittsburgh, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:	TMP-2193CIP	
NAME OF SUBMITTER:	Patrick J. Viccaro, Reg. No. 27842	

Total Attachments: 2 source=2193#page1.tif source=2193#page2.tif

PATENT

REEL: 025960 FRAME: 0336

13036332

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Attorney's Docket No.	TMP-2193CIP/110067CIP	PATENT	
	For	U.S. and/or Sereign Rights U.S. Application or U.S. Provisional Application U.S. Patent	
	For:	PCT Application Multiple Inventors	
AS	SIGNMENT OF INVENTIO	N (MULTIPLE INVENTORS)	
In consideration of the receipt of which is hereby a	e payment by ASSIGNEE to acknowledged, and for othe	o ASSIGNOR of the sum of One Doll r good and valuable consideration,	lar (\$1.00), the
ASSIGNORS (Inventors):			
X. Daniel Fang (type or print name of inventors)		9507 Coronet Lane Brentwood, TN 37027 Address	US Nationality
<u>Jean-Luc Dufour</u> (type or print name of inventors)		103 Niblick Court Franklin, TN 37064 Address	FR Nationality
David J. Wills (type or print name of inventors)		1416 Chantilly Lane <u>Franklin, TN 37067</u> Address	GB Nationality
hereby sells, assigns and tra	insfers to		
ASSIGNEE:			
TDY Industries, Inc. (type or print name of ASSIGNEE)		1000 Six PPG Place Address	
(a California corporation) Nationality		Pittsburgh, PA 15222 USA	
and the successors, assigns	and legal representatives of	the ASSIGNEE	
	ight, title and interest		
and in all fo	reign countries, including all	frights to claim priority, in and to any a	and all
		d in the invention entitled: /stem and Fastener for a Cutting To	
and which is f		: 13/0310,332 filed onfißkunky 28	,ेबे ा ।

PATENT REEL: 025960 FRAME: 0337 To comply with 37 CFR 3.21 for recordal of this assignment, I, the ASSIGNOR signing below, hereby authorize and request my attorney to insert the filing date and application number when they become known.

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal on the date(s) indicated below:

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

X. Daniel Fang (type name of Inventor)		Signature of INVENTOR	2-28-2011 Date
<u>Jean-Luc Dufour</u> (type name of Inventor)		Jean Lu Daniel Dufo Signature of INVENTOR	2-28-2011 Date
<u>David J. Wills</u> (type name of Inventor)		Signature of INVENTOR	2-28-201 Date
	Notarization or Legal	lization Page Added.	
NOTE: No witnessing, notarization or prima facie evidence of execut	legalization is necessary. If t	the assignment is notarized or legalized, the	∍n it will only be

prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

PATENT REEL: 025960 FRAME: 0338

RECORDED: 03/16/2011