502031199 08/21/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gilles Festeau	10/14/2003
Jean-Luc Dufour	10/14/2003
X. Daniel Fang	10/14/2003
David J. Wills	10/14/2003

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:	13424411

CORRESPONDENCE DATA

Fax Number: 4123943010 Phone: 412-394-2839

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Patrick J. Viccaro
Address Line 1: 1000 Six PPG Place

Address Line 4: Pittsburgh, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER: TMP-2043CON5

NAME OF SUBMITTER: Patrick J. Viccaro, Reg. No. 27842

Total Attachments: 3 source=2043#page1.tif source=2043#page2.tif source=2043#page3.tif

> PATENT REEL: 028817 FRAME: 0537

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Attorney's Docket No.	TMP-2043	PATENT	
		For: ☐ U.S. and/or ☐ Foreign For: ☐ U.S. Application or ☐ U.S. Provisional Application For: ☐ U.S. Patent For: ☐ PCT Application By: Multiple Inventors	-
A	SSIGNMENT OF INV	/ENTION (MULTIPLE INVENTOR:	S)
In consideration of the receipt of which is hereby ASSIGNORS (Inventors):	e payment by ASSIGN acknowledged, and f	NEE to ASSIGNOR of the sum of Consideration for other good and valuable considerations.	One Dollar (\$1.00), the eration,
Gilles Festeau (type or print name of inventors)	Lew	456 Essex Park Circle Franklin, TN 37069 Address	France Nationality
Jean-Luc Dufour	mfon.	103 Niblick Court Franklin, TN 37064	France
X. Daniel Fang	L. PAKPAGE	509 Hodges Court Franklin, TN 37067	Australia
David J. Wills	Dielle	9051 Fallswood Lane Brentwood, TN 37027	United Kingdom
	-		

hereby sells, assigns and transfers to	
ASSIGNEE:	
TDY Industries, Inc.	1000 Six PPG Place
ATI Properties, Inc. (type or print name of ASSIGNEE)	1600 NE Old Salem Road, P.O. Box: 460
(a California corporation)	Address Pittsburgh, PA 15222
(a Delaware corporation)	Albany, Oregon 97321
Nationality	
and the successors, assigns and legal representatives of	the ASSIGNEE 67/03-2009 5 DW/3/09
(complete one of the	ne following) DF 01-03-200 DT 1/3/05
★ the entire right, title and interest	J & M/0/09
and its territorial possessions	%) interest for the United States
(check the following box, if foreign rig	ghts are also to be assigned)
\boxtimes and in all foreign countries, including all rights to clair which are disclosed in the invention entitled: CUTTING I	n priority, in and to any and all improvements NSERT FOR HIGH FEED FACE MILLING
(check and complete (a), (b),	(c), (d), (e), (f) or (g))
and which is found in	
(a) U.S. patent application executed on even date	e herewith
(b) U.S. patent application executed on	
(c) U.S. provisional application naming the above	inventor(s) for the above-entitled invention
Express mail label no.:	
Mailed:	
To comply with 37 CFR 3.21 for recordal of the hereby authorize and request my attorney to number when they become known.	nis assignment, I, an ASSIGNOR signing below, to insert below the filing date and application
(d) U.S. application no.: filed on	
(e) International application no. PCT /filed on	
(f) U.S. patent no.	issued
	spondence is to be sent regarding natent
(also check (g), if foreign application(s) is also being assigned)
(g) and any legal equivalent thereof in a foreign co and to, all Letters Patent to be obtained for s continuation, division, renewal, or substitute the examination thereof.	aid invention by the above application or any

(Assignment of Invention–Multiple Inventors [16-3.2]-page 2)

PATENT REEL: 028817 FRAME: 0539 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.

Gilles Festeau	- ter	10-14-03
(type name of Inventor)	Signature of INVENTOR	Date
Jean-Luc Dufour	Trufor	10-14-03
(type name of Inventor)	Signature of INVENTOR	
X. Daniel Fang	- 2 PARTEROL	10-14-03
(type name of Inventor)	Signature of INVENTOR	Date
David J. Wills		و لياور
(type name of Inventor)	Signature of INVENTOR	10/14/03 Date

□ Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

RECORDED: 08/21/2012

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