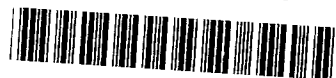


1/10/5

01-18-2005

Form PTO-1595 (Rev. 09/04)  
OMB No. 0651-0027 (exp. 6/30/2005)



U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

102921376

PATENT

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

Gilles Festeau, Jean-Luc Dufour, X. Daniel Fang and  
David J. Wills

Execution Date(s) 10/14/03; 10/14/03; 10/14/03 & 10/14/03

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance:**

- ☐ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☒ Other Corrective Document

Reel: 014618  
Frame: 0195

**2. Name and address of receiving party(ies)**

Name: TDY Industries, Inc.

Internal Address: \_\_\_\_\_

Street Address: 1000 Six PPG Place

City: Pittsburgh

State: PA

Country: USA Zip: 15222

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/686,308

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Patrick J. Viccaro, Esq.

Internal Address: Allegheny Technologies

Incorporated

Street Address: 1000 Six PPG Place

City: Pittsburgh

State: PA Zip: 15222-5479

Phone Number: (412) 394-2839

Fax Number: (412) 394-3010

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 11-1110

Authorized User Name Daniel R. Miller

**9. Signature:**

Daniel R. Miller

Signature

1-10-2005

Date

Daniel R. Miller

Name of Person Signing

Total number of pages including cover  
sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

01/14/2005 BTM11 00000015 111110 10686308

01 FC:0021

40.00 BA

PATENT  
REEL: 016148 FRAME: 0243

10-27-2003

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office



102584960

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Gilles Festeau, Jean-Luc Dufour, X. Daniel Fang and David J. Wills**

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
Other

Execution Date of Assignment : **October 14, 2003, October 14, 2003, October 14, 2003 and October 14, 2003**

2. Name and address of receiving party(ies)

Name: **ATI Properties, Inc**

Internal Address: \_\_\_\_\_

Street Address: **1600 NE Old Salem Road**

**PO Box 460**

City: **Albany** State: **OR** Zip: **97321**

Additional name(s) and address(es) attached? ☐ Yes ☒ No

22264 U.S. PTO  
10/686308

101503

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: **October 14, 2003**

A. Patent Application No.(s)

**10/686308**

B. Patent No.(s)

Additional number(s) attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed.

Name: **Patrick J. Viccaro, Esq.**

Internal Address: **Allegheny Technologies Incorporated**

Street Address: **1000 Six PPG Place**

City: **Pittsburgh** State: **PA** Zip: **15222-5479**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41) **\$40.00**

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number:

**11-1110**

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**Bernard G. Pike**

Name of Person Signing

Signature

**10-15-2003**

Date

Total number of pages including cover sheet, attachments, and documents: **4**

Mail documents to be recorded with required cover sheet information to:

Mail Stop: Assignment Recordation Services  
Director of the US Patent and Trademark Office  
P.O. Box: 1450  
Alexandria, VA 22313-1450


10/27/2003 LMUELLER 00000041 111110 10686308

01 FC:8021 40.00 DA

For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application or  
☐ U.S. Provisional Application  
For: ☐ U.S. Patent  
For: ☐ PCT Application  
By: Multiple Inventors

**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS (Inventors):**  
Gilles Festeau

(type or print name of inventor)

456 Essex Park Circle

Franklin, TN 37069

France

Address

Nationality

  
Jean-Luc Dufour

103 Niblick Court

Franklin, TN 37064

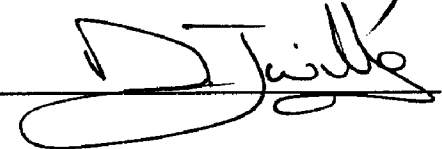
France

  
X. Daniel Fang

509 Hodges Court

Franklin, TN 37067

Australia

  
David J. Wills

9051 Fallswood Lane

Brentwood, TN 37027

United Kingdom

(Assignment of Invention—Multiple Inventors [16-3.2]—page 1 )

hereby sells, assigns and transfers to

ASSIGNEE:

TDY Industries, Inc.

1000 Six PPG Place

~~ATI Properties, Inc.~~

(type or print name of ASSIGNEE)

(a California corporation)

~~(a Delaware corporation)~~

Nationality

~~1600 NE Old Salem Road, P.O. Box 460~~

Address

Pittsburgh, PA 15222

~~Albany, Oregon 97321~~

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled: **CUTTING INSERT 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 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 this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

(d) ☐ U.S. application no.: \_\_\_\_\_ filed on \_\_\_\_\_

(e) ☐ International application no. PCT / \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_

(f) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g) ☒ 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.

Gilles Festeau  
(type name of Inventor)

  
Signature of INVENTOR

10-14-03  
Date

Jean-Luc Dufour  
(type name of Inventor)

  
Signature of INVENTOR

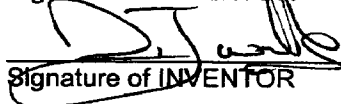
10-14-03  
Date

X. Daniel Fang  
(type name of Inventor)

  
Signature of INVENTOR

10-14-03  
Date

David J. Wills  
(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.