

11-25-2005

Docket No. 5105 (95334)

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Douglas Collins, Linlin Liu, Elaine Taylor  
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 yes  no

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

Name: Emcore Corporation

Internal Address:

Street Address: 145 Belmont Drive

City: Somerset State/Prov.: NJ

Country: US ZIP: 08873

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113261 U.S. PTO  
11/280783



111605

3. Nature of Conveyance:  
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Execution Date: 11/14/2005, 11/15/2005

4. Application number(s) or patent number(s):  
If this documents is being filed together with a new application, the execution date of the application is: 11/16/2005

A Patent Application No.(s) Filing Date

B. Patent No.(s)

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

Name: Casey Toohey

Internal Address: EmcoreCorporation

Street Address: 1600 Eubank Blvd. SE

City: Albuquerque State: NM ZIP: 87123

6. Total number of applications and patents involved: 1

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

Enclosed

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Jon P. Christensen, Reg. No. 34,137  
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November 16, 2005  
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PATENT  
REEL: 017254 FRAME: 0107

# Assignment

Applicant or Patentee: Douglas Collins, Linlin Liu and Elaine Taylor  
Serial or Patent No.: \_\_\_\_\_  
Filed or Issued: \_\_\_\_\_  
For: METHOD FOR ELIMINATING BACKSIDE METAL PEELING  
DURING DIE SEPARATION  
Attorney Docket No. 5105

**In Consideration** of Ten Dollars and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention and improvements of the undersigned in a

## METHOD FOR ELIMINATING BACKSIDE METAL PEELING DURING DIE SEPARATION

and in the U.S. Patent and U.S. Patent Application therefor, executed by the undersigned herewith and in any reissue, continuation, or divisional U.S. Patent that may be granted upon said U.S. Patent Application are hereby assigned by the undersigned to

EMCORE Corporation  
and the heirs, successors, legal representative and assigns thereof (hereinafter collectively referred to as the Assignee).

**For said considerations** it is hereby agreed that I have sold and assigned, and hereby do sell and assign, to said Assignee, its successors and assigns, the entire right, title and interest (a) in the above-identified invention or inventions and all improvements and modifications thereof, (b) in the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, in all Letters Patent which may issue from said applications in the United States and countries foreign thereto, and (d) to all divisions, reissues, continuations and extensions of said applications and Letters Patents; and covenant I have the full right so to do; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all United States Letters Patent on the invention or inventions included herein to said Assignee of the entire interest.

I further agree that I shall communicate to said Assignee, its successor and assigns, or their representative or agents all facts and information known or available to me respecting said invention or inventions, improvements and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension or infringement purposes or other legal, judicial or administrative proceedings, whenever requested; testify in person or by affidavit as required by said Assignee, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; execute and deliver, on request, all lawful papers including, but not limited to, original, divisional, continuation (including any continuations-in-part) and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and provide all reasonable assistance to Assignee, its successors and assigns, in obtaining and enforcing proper protection for said invention or inventions, improvements and modifications under the intellectual property laws of the United States and countries foreign thereto.

In testimony whereof, I have hereunto set my hand and seal, on the line set after my signature.

Name of First Joint assignor/inventor Douglas Collins

Signature of assignor and inventor  (Seal)

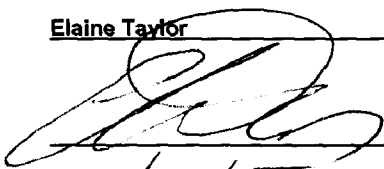
Date 11-14-05

Name of Second Joint assignor/inventor Linlin Liu

Signature of assignor and inventor  (Seal)

Date 11/14/05

Name of Second Joint assignor/inventor Elaine Taylor

Signature of assignor and inventor  (Seal)

Date 11/15/05