OPE	Atty. Dkt. No. 051583-0369
(Rev 6.93) RECC	U.S. DEPARTMENT OF COMMERCE 1EET Patent and Trademark Office
To the Director and States Patent 1034	52452 iched original documents or copies thereof.
1. Name of conveying party(ies):  Ali Erdemir Osman Levent Eryilmaz Oyelayo O. Ajayi George R. Fenske	2. Name and address of receiving party(ies):  UCHICAGO ARGONNE, LLC 5801 South Ellis Avenue Chicago, Illinois 60637
Additional conveying party(ies)  NO  Nature of conveyance:  CORRECTED ASSIGNMENT  Execution Date:  8/16/07, 8/16/07, 8/7/07, 8/20/07  Application number(s) or patent number(s):	Additional name(s) & address(es) attached? NO
If this is being filed together with a new application, the exe  A. Patent Application Number(s):  11/823,382	B. Patent Number(s):
<ul> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> <li>Michael D. Rechtin         FOLEY &amp; LARDNER LLP         321 North Clark Street         Suite 2800         Chicago, Illinois 60610-4764</li> </ul>	6. Total number of applications/patents involved:  7. Total fee (37 C.F.R. § 3.41):  Check Enclosed    Authorized to be charged to credit card    Authorized to be charged to deposit account  8. Payment Information  a. Credit Card Last 4 Numbers    Expiration Date  b. Deposit account number    Authorized User Name  19-0741    Authorized User Name  Authorized D. Rechtin
9. Statement and signature:  To the best of my knowledge and belief, the foregoin copy of the original document. The Commissioner is hereby	ng information is true and correct and any attached copy is a true authorized to charge any additional recordation fees which may bunt.

Michael D. Rechtin

Name of person signing

Total number of pages including cover sheet, attachments, and document: 2

Signature

PATENT REEL: 019960 FRAME: 0815

Date

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FORM PTO-1595 (modif	,
(Rev 6-93)	AUG 27 2000

To the Director of the One Patent

08-30-200

U.S. DEPARTMENT OF COMMERCE

HEET

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

Patent and Trademark Office

103440808

.... ached original documents or copies thereof.

1. Name of conveying party(ies):

Ali Erdemir Kursat Kazmanli -Osman Levent Eryilmaz **Mustafa Urgen** Oyelayo O. Ajayi George R. Fenske **Izhak-Etsion** 



**UCHICAGO ARGONNE, LLC** 5801 South Ellis Avenue Chicago, Illinois 60637

Additional conveying party(ies)

NO

3. Nature of conveyance:

## **ASSIGNMENT**

**Execution Date:** 

8/7/07, 8/16/07, 8/20/07

Additional name(s) & address(es) attached?

NO

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

If this is being filed together with a new application, the execution date of the application is:

A. Patent Application Number(s):

B. Patent Number(s):

11/823,382

## Additional numbers attached? NO

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

> Michael D. Rechtin **FOLEY & LARDNER LLP** 321 North Clark Street **Suite 2800** Chicago, Illinois 60610-4764

- 6. Total number of applications/patents involved:
  - \$40.00

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Check Enclosed

7. Total fee (37 C.F.R. § 3.41):

- Authorized to be charged to credit card Authorized to be charged to deposit account
- 8. Payment Information

Credit Card a.

Last 4 Numbers

2081

**Expiration Date** 

11/30/2008

Deposit account number

19-0741

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true 9. Statement and signature: copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account. Michael & Kuth

Michael D. Rechtin

Date

Name of person signing

Total number of pages including cover sheet, attachments, and document:

PATENT REEL: 019960 FRAME: 0816

## **ASSIGNMENT**

We, Ali Erdemir of Naperville, Osman Levent Eryilmaz of Bolingbrook, Oyelayo O. Ajayi of Oswego, and George R. Fenske of Downers Grove, all in the State of Illinois, for good and valuable considerations to us in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto UChicago Argonne, LLC, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by us and disclosed in the patent application for the MODULATED COMPOSITE SURFACES, ANL-IN-03-127 and -05-060, Attorney Docket No. 051583-0369, filed in the U.S. Patent and Trademark Office on June 27, 2007, which claimed the benefit of U.S. Provisional Application No. 60/482,490, filed on September 6, 2006, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as we could have done if the application had been in our names, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UChicago Argonne, LLC, its successors and assigns.

And for the above-named considerations, we hereby agree that we will without additional compensation but without cost to ourselves, promptly communicate to UChicago Argonne, LLC, its successors and assigns, any facts known to us respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications for Letters Patent, Inventor's Certificates, Utility Models and Designs and assignments thereof, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper Letters Patents, Inventor's Certificate, Utility Model and Design protection for said invention or inventions and improvements, in the United States and in all other countries.

Sendra A. Classon

Witness

Date

8-16-07

Date

Ali Erdemir

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PATENT REEL: 019960 FRAME: 0817

## **ASSIGNMENT**

We, Ali Erdemir of Naperville, Osman Levent Eryilmaz of Bolingbrook, Oyelayo O. Ajayi of Oswego, and George R. Fenske of Downers Grove, all in the State of Illinois, for good and valuable considerations to us in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto UChicago Argonne, LLC, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by us and disclosed in the patent application for the MODULATED COMPOSITE SURFACES, ANL-IN-03-127 and -05-060, Attorney Docket No. 051583-0369, filed in the U.S. Patent and Trademark Office on June 27, 2007, which claimed the benefit of U.S. Provisional Application No. 60/482,490, filed on September 6, 2006, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as we could have done if the application had been in our names, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UChicago Argonne, LLC, its successors and assigns.

And for the above-named considerations, we hereby agree that we will without additional compensation but without cost to ourselves, promptly communicate to UChicago Argonne, LLC, its successors and assigns, any facts known to us respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications for Letters Patent, Inventor's Certificates, Utility Models and Designs and assignments thereof, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper Letters Patents, Inventor's Certificate, Utility Model and Design protection for said invention or inventions and improvements, in the United States and in all other countries.

Sandra a. Classon

Witness

Date

8-16-07

Witness

Date

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Soman Levent Eryilmaz

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Oyelayo O. Ajayi

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PATENT REEL: 019960 FRAME: 0818

**RECORDED: 10/09/2007**