

Ab 581-40

MR2685-110 10/069617
JC19 Rec'd PCT/PTO 27 FEB 2002

FORM PTO-1619A
Expires 05/30/99
OMB 0651-0027

06-19-2002

U.S. Department of Commerce
Patent and Trademark Office
PATENT



102127742

RECORDATION FORM COVER SHEET PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New 2-27-02

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1)	<input type="text" value="Moon Bae Ko"/>	Execution Date Month Day Year	<input type="text" value="2/18/2002"/>
Name (line 2)	<input type="text"/>		
Second Party			
Name (line 1)	<input type="text" value="Bum Suk Jung"/>	Execution Date Month Day Year	<input type="text" value="2/18/2002"/>
Name (line 2)	<input type="text"/>		

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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06/05/2002 MAL111 00000014 10069617

02 FC:581 40.00 OP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 012990 FRAME: 0366

FORM PTO-1619B
Expires 06/30/99
OMB 0651-0027

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Correspondent Name and Address Area Code and Telephone Number 410-465-6678

Name Morton J. Rosenberg

Address (line 1) Rosenberg, Klein & Lee

Address (line 2) 3458 Ellicott Center Drive, Suite 101

Address (line 3) Ellicott City, MD 21043

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. # 3

Application Number(s) or Patent Number(s) Mark if additional numbers attached
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<u>10,069617</u>						

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year 2/18/2002

Patent Cooperation Treaty (PCT)
Enter PCT application number only if a U.S. Application Number has not been assigned.
PCT PCT PCT
PCT PCT PCT

Number of Properties Enter the total number of properties involved. # 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment: Enclosed Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 18-2011

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Morton J. Rosenberg Morton J. Rosenberg 26 Feb. 2002
Name of Person Signing Signature Date

FORM PTO-1619C
Expires 06/30/99
OMB 0651-0027

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Won Ho Jo

Execution Date
Month Day Year
2/18/2002

Name (line 2)

Name (line 1) Seong Woo Kim

Execution Date
Month Day Year
2/18/2002

Name (line 2)

Name (line 1) Moo Sung Lee

Execution Date
Month Day Year
2/18/2002

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

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Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

Grid of 15 boxes for Patent Application Number(s)

Grid of 15 boxes for Patent Number(s)

FORM PTO-1619C
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**RECORDATION FORM COVER SHEET
 CONTINUATION
 PATENTS ONLY**

U.S. Department of Commerce
 Patent and Trademark Office
PATENT

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)	<input type="text" value="Jun Kyung Kim"/>	Execution Date Month Day Year	<input type="text" value="2/18/2002"/>
Name (line 2)	<input type="text"/>		
Name (line 1)	<input type="text" value="Soon Ho Lim"/>	Execution Date Month Day Year	<input type="text" value="2/18/2002"/>
Name (line 2)	<input type="text"/>		
Name (line 1)	<input type="text" value="Chul Rim Choe"/>	Execution Date Month Day Year	<input type="text" value="2/18/2002"/>
Name (line 2)	<input type="text"/>		

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)	<input type="text"/>	<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)				
Name (line 2)	<input type="text"/>					
Address (line 1)	<input type="text"/>					
Address (line 2)	<input type="text"/>					
Address (line 3)	<input type="text"/>	<input type="text"/>	<input type="text"/>	City	State/Country	Zip Code
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Application Number(s) or Patent Number(s)

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Patent Application Number(s)			Patent Number(s)		
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Patent and Trademark Office
PATENT

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date
Month Day Year

Name (line 1) Min Park

2/18/2002

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

Grid for Patent Application Number(s) with 5 rows and 3 columns of input boxes.

Grid for Patent Number(s) with 5 rows and 3 columns of input boxes.

ASSIGNMENT DEED

This Assignment agreement is applicable to an invention entitled (invention Title) METHOD FOR PREPARATION OF CLAY-DISPERSED POLYMER NANOCOMPOSITE

The PATENT RIGHTS referred to in this agreement are:

- (Check one) a Patent Application for this invention, executed by the ASSIGNOR(s) concurrently with this Assignment
 U.S. Patent Application Serial No. _____, filed _____
 U.S. Patent No. _____, issued _____

The PATENT RIGHTS assigned under this agreement are:

- (Check one) U.S. Patent rights only
 worldwide Patent rights. In this case, the Assignee shall have the right to claim the benefit of the filing date of any U.S. Patent Application identified above.

The ASSIGNOR(s) referred to in this agreement is (or are):

(Full name of sole or first inventor) Moon Bae KO
(Address) Taekang Apt. 1006-605, 81 Gongreung-dong, Nowon-ku, Seoul, Korea

(Full name of second joint inventor, if any) Bum Suk JUNG
(Address) Sataek-A 202, 39-1 Hawolgok-dong, Seongbuk-ku, Seoul, Korea

(Full name of third joint inventor, if any) Won Ho JO
(Address) Geumho Town 306-1202, Yangjimaoul, Sunae-dong, Bundang-ku, Seongnam-si, Kyoungki-do, Korea

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) Korea Institute of Science and Technology
(Address of Assignee) 39-1 Hawolgok-dong, Sungbuk-ku, Seoul, Korea

The Second ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
(Address of Assignee) _____

The Third ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
(Address of Assignee) _____

The First ASSIGNEE is:

- (Check one) an individual
 a partnership
 a Corporation of Korea
(State or Country)

The Second ASSIGNEE is:

- (Check one) an individual
 a partnership
 a Corporation of _____
(State or Country)

The Third ASSIGNEE is:

- (Check one) an individual
 a partnership
 a Corporation of _____
(State or Country)

The ASSIGNOR(S), in consideration of \$1.00 paid by each ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns:
the full and exclusive right to the invention;
an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS; and
the right to claim priority under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(s) hereby authorize(s) and requests the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(s) as the ASSIGNEE(s) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(s), their successors and assigns.

Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEE(s), or their representatives, any facts known to the ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(s), their successors and assigns, to obtain and enforce proper protection for said invention.

Komb
(Signature of sole or first inventor)

2/18/02
(Signature of second inventor, if any)

Ju h
(Signature of third inventor, if any)

02-18-02
(Date)

2/18/02
(Date)

2-18-02
(Date)

ASSIGNMENT DEED

This Assignment agreement is applicable to an invention entitled (invention Title) METHOD FOR PREPARATION OF CLAY-DISPERSED POLYMER NANOCOMPOSITE

The PATENT RIGHTS referred to in this agreement are:

- (Check one) a Patent Application for this invention, executed by the ASSIGNOR(s) concurrently with this Assignment
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 U.S. Patent No. _____, issued _____

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 worldwide Patent rights. In this case, the Assignee shall have the right to claim the benefit of the filing date of any U.S. Patent Application identified above.

The ASSIGNOR(s) referred to in this agreement is (or are):

(Full name of sole or first inventor) Seong Woo KIM
(Address) Jugong Yeonrip 3-105, 811 Donam-dong, Cheju-si, Cheju-do, Korea

(Full name of second joint inventor, if any) Moo Sung LEE
(Address) 1158 Samdo 2-dong, Cheju-si, Cheju-do, Korea

(Full name of third joint inventor, if any) Jun Kyung KIM
(Address) New Hyundai Apt. 102-204, 65 Hoigi-dong, Dongdaemun-ku, Seoul, Korea

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) Korea Institute of Science and Technology
(Address of Assignee) 39-1 Hawolgok-dong, Sungbuk-ku, Seoul, Korea

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(Address of Assignee) _____

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(Name of Assignee) _____
(Address of Assignee) _____

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 a Corporation of _____
(State or Country)

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(Signature of sole or first inventor)
(Signature of second inventor, if any)
(Signature of third inventor, if any)

2-18-02 (Date)
2-18-02 (Date)
2-18-02 (Date)

ASSIGNMENT DEED

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The ASSIGNOR(s) referred to in this agreement is (or are):

(Full name of sole or first inventor) Soon Ho LIM
(Address) Asia Seonsuchon Apt. 5-1205, 86 Jamsil-dong, Songpa-ku, Seoul, Korea

(Full name of second joint inventor, if any) Chul Rim CHOE
(Address) Hosumaoul 404-101, 875 Janghang-dong, Ilsan-ku, Koyang-si, Kyoungki-do, Korea

(Full name of third joint inventor, if any) Min PARK
(Address) Geugdong Apt. 102-204, SSangmun-dong, Dobong-ku, Seoul, Korea

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) Korea Institute of Science and Technology
(Address of Assignee) 39-1 Hawolgok-dong, Sungbuk-ku, Seoul, Korea

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(Address of Assignee) _____

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Lim
(Signature of sole or first inventor)

2/18/02
(Date)

Choe
(Signature of second inventor, if any)

2-18-02
(Date)

Min
(Signature of third inventor, if any)

2-18-02
(Date)