

FORM PTO-1619A
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U.S. Department of Commerce
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PATENT



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U.S. PTO

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Document ID#

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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

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Departmental File Secret File

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Name (line 1) Execution Date Month Day Year

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PATENT

REEL: 014328 FRAME 0858

Correspondent Name and Address

Area Code and Telephone Number **410-465-6678**

Name **Morton J. Rosenberg**

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Address (line 2) **3444 Ellicott Center Drive, Suite 105**

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)

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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)

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| 09/09/524 | | | | | |
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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
10/5/2000

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

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| PCT | | PCT | | PCT | |
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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:
Deposit Account

Enclosed 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

10/18/2000

Name of Person Signing

Signature

Date

ASSIGNMENT DEED

This Assignment agreement is applicable to an invention entitled (invention Title) METHOD FOR MANUFACTURING LITHIUM-MANGANESE OXIDE POWDERS FOR USE IN LITHIUM SECONDARY BATTERY

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) Yi Sup HAN
(Address) Hanaro APT. 101-805, Wolpyoung-dong, Seo-ku, Daejeon Kwangyeok-si, Korea

(Full name of second joint inventor, if any) Ho Gi KIM
(Address) Sunkyoung APT. 10-503, 506 Daichi-dong, Kangnam-ku, Seoul, Korea

(Full name of third joint inventor, if any) _____
(Address) _____

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) Korea Advanced Institute of Science and Technology,
(Address of Assignee) 373-1 Kuseong-dong, Yuseong-ku, Daejeon Kwangyeok-si, 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.

Y. S. Han YI SUP HAN (HAN IS (Signature of sole or first inventor) FAMILY NAME) Oct. 5th 2000 (Date)

Ho Gi Kim HO GI KIM (KIM (Signature of second inventor, if any) IS FAMILY NAME) Oct 5th 2000 (Date)

(Signature of third inventor, if any) (Date)