| Attorney Docket No. 66728/7575 (fo | ormerly 16728-7575) | |
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| Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) | REC 09-16 | U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office |
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| To the Honorable Commissioner of | Patents | riginal documents or copy thereof. |
| Name of conveying party(ies): | [- | 27480 of receiving party(ies) |
| Byoung Kee Kim and Dong Won L | 4 0 | Name: Korea Institute of Machinery and Materials |
| | 19.16.02 | |
| | | Internal Address: |
| | | |
| Additional name(s) of conveying party(ies) att | ached? ☐ Yes ☒ No | |
| 3. Nature of conveyance: | | |
| | Merger | Street Address: 66 Sangnam-dong, Changwon-shi, |
| ☐ Security Agreement ☐ | Change of Name | W |
| ☐ Other | | Kyungsangnam-do 641-010 |
| | | City: Korea State: Zip: |
| Execution Date: April 17, 2001 | | Additional name(s) & address(es) attached? Yes No |
| 4. Application number(s) or patent nu | ımber(s): | |
| If this document is being filed toge | ther with a new applicati | on, the execution date of the application is: |
| A. Patent Application No.(s) 09/827,366 | | B. Patent No.(s) |
| | Additional numbers attacl | hed? ☐ Yes No |
| Name and address of party to whom correspondence concerning document should be mailed: | | 6. Total number of application and patents involved: 1 |
| Name: Benjamin L. Volk, Jr. | | 7. Total fee (37 CFR 3.41)\$ 40.00 |
| Internal Address: Thompson Coburn LLP | | □ Enclosed □ Sequence Sequenc |
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| ±561 40.00 0P | <u>'</u> | 8. Deposit account number: |
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| 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. | | |
| | D - | 2 (201) alicha |
| Benjamin L. Volk, Jr. Name of Person Signing | | Signature Date |
| Total number of pages including cover sheet, attachments, and documents: | | |

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

PATENT

ASSIGNMENT

WHEREAS, we, Byoung Kee KIM of 304-1006, Towol Sungwon Apt., Sapajung-dong, Changwon-shi, Kyungsangnam-do 641-070, Republic of Korea and Dong Won LEE of 202 Hankook Kikye Yonkuwon Apt., Gaumjung-dong, Changwon-shi, Kyungsangnamdo 641-110, Republic of Korea, have invented certain new and useful improvements for a *Method of Producing Nanophase Cu-Al*₂O₃

Composite Powder for which we executed an application for Letters Patent in the United States identifying us as the only inventors thereof said application being assigned serial number ______09/827,366 _______ by the U.S. Patent and Trademark Office and identified as Howell & Haferkamp, L.C., Docket 16728-7575; and

WHEREAS, Korea Institute of Machinery and Materials, a corporation of the Republic of Korea having its principal office and place of business at 66 Sangnam-dong, Changwon-shi, Kyungsangnam-do 641-010, Republic of Korea, is desirous of acquiring the entire right, title and interest in and to said invention and improvements as disclosed in said application, in and to said application, and in and to the patent to be obtained thereon.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged, we, Byoung Kee KIM and Dong Won LEE, have sold, assigned and transferred and do hereby sell, assign and transfer unto said Korea Institute of Machinery and Materials, its successors or assigns, the entire right, title and interest in and to said invention and improvements as the same are disclosed in said application which was executed by us in and to said application, and in and to any Letters Patent, including divisionals, continuations, reissues, reexaminations and extensions to be obtained therefor in the United States and all foreign countries; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent as the assignee may desire to apply for, but at the expense of said assignee.

The Commissioner of Patents or other proper official is hereby authorized and requested to issue said Letters Patent to said Korea Institute of Machinery and Materials in accordance with this Assignment.

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PATENT REEL: 013290 FRAME: 0653 07/06/01 FRI 14:29 FAX 314 727 6092 HOWELL HAFERKAMP

IN WITNESS WHEREOF, we have hereunto set our hands the ____17+h ____ day of April ____ 2001.

Byoung Kee KIM

Dong won Lou

Dong Won LEE

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RECORDED: 09/16/2002

PATENT REEL: 013290 FRAME: 0654