12/11/06 12-18-2	
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ae-Yang LEE	Name: SEOUL ENGINEERING CO., LTD.
	Internal Address:
	Street Address: 1381-1 Juan-dong, Nam-gu
Iditional name(s) of conveying party(ies) attached?	<u>c</u>
Yes 🔀 No	City/State/Zip: Incheon 402-205
Nature of Conveyance:	
Assignment D Marror	Republic of Korea
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Security Assignment Change of Name	<u> </u>
Other	Additional name(s) & address(es) attached? Yes No
Execution Date(s): November 30, 2006	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	B. Patent No.(s)
Patent Application No.(s)	
Patent Application No.(s)  Additional numbers at	B. Patent No.(s)
Patent Application No.(s)  Additional numbers at Name and address of party to whom correspondence concerning	B. Patent No.(s)
Patent Application No.(s)  Additional numbers at Name and address of party to whom correspondence concerning	B. Patent No.(s)  ttached? Yes No  6. Total number of applications and patents involved: 1
Patent Application No.(s)  Additional numbers at	B. Patent No.(s)
Patent Application No.(s)  Additional numbers at Name and address of party to whom correspondence concerning ocument should be mailed:  Name: Richard S. Milner	B. Patent No.(s)  ttached? Yes No  6. Total number of applications and patents involved: 1
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Additional numbers at Name and address of party to whom correspondence concerning ocument should be mailed:  Name: Richard S. Milner Internal Address: Cooper & Dunham LLP	B. Patent No.(s)  ttached? Yes No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR §3.41):
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Additional numbers at Name and address of party to whom correspondence concerning ocument should be mailed:  Name: Richard S. Milner Internal Address: Cooper & Dunham LLP  1185 Avenue of the Americas  City/State/Zip: New York, New York 10036	B. Patent No.(s)  ttached? Yes No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR §3.41):\$ 40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit account number:  03-3125
Additional numbers at Name and address of party to whom correspondence concerning ocument should be mailed:  Name: Richard S. Milner Internal Address:  Street Address: Cooper & Dunham LLP  1185 Avenue of the Americas  City/State/Zip: New York, New York 10036  DO NOT U	B. Patent No.(s)  ttached? Yes No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR §3.41):
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Additional numbers at Name and address of party to whom correspondence concerning ocument should be mailed:  Name: Richard S. Milner  Internal Address:  Street Address: Cooper & Dunham LLP  1185 Avenue of the Americas  City/State/Zip: New York, New York 10036   Statement and signature.  To the best of my knowledge and belief, the foregoing informoriginal document.  Richard S. Milner	B. Patent No.(s)  ttached? Yes No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR §3.41):
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Additional numbers at Name and address of party to whom correspondence concerning ocument should be mailed:  Name: Richard S. Milner  Internal Address:  Street Address: Cooper & Dunham LLP  1185 Avenue of the Americas  City/State/Zip: New York, New York 10036   Statement and signature.  To the best of my knowledge and belief, the foregoing informoriginal document.  Richard S. Milner	B. Patent No.(s)  ttached? Yes No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR §3.41):

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## **ASSIGNMENT**

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned, hereby sell, assign and transfer to SEOUL ENGINEERING CO., LTD., a corporation of the Republic of Korea, having a place of business at 1381-1 Juan-dong, Nam-gu, Incheon 402-205, Republic of Korea, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned concurrently herewith and is entitled DOUBLE CHAMBER SINGLE DIRECTIONAL SPIRAL TUYERE FOR BLAST FURNACES, and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives;

PATENT REEL: 018676 FRAME: 0051

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Date: November 30, 2006
Witness: Joung mi - Won

Seoul, Republic of Korea

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**RECORDED: 12/11/2006**