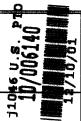
Form PTO-1595 RECORDATION FORM COVI



101917383

J.S. Department of Commerce Patents & Trademark Office

Attorney Docket No. 101190-00021 Date: December 10, 2001



12/10/01

To the Assistant Commissioner of Patents Please record the attached original documents or copy thereof 2. Name and address of receiving party(ies): Name of conveying party(ies) Cheol-Jung KIM Name: KOREA ATOMIC ENERGY RESEARCH INSTITUTE Sung-Hoon BAIK Representative: In-Soon Chang Min-Suk KIM Address: 150, Duckjin-Dong, Yoosung-Ku, Daejeon-Si, Chin-Man CHUNG Republic of Korea Additional name(s) of conveying party(ies) attached? Additional name(s) & address(es) attached? ☐ Yes ☑ No ☐ Yes ☑ No 3. Nature of conveyance: ☐ Merger ☐ Security Agreement Change of Name ☐ Other Execution Date: all on November 26, 2001 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: November 26, 2001 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached?

Yes ☑ No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: document should be mailed: One Name: Arent Fox Kintner Plotkin & Kahn PLLC 7. Total fee (37 CFR 3.41)...... \$ 40.00 Street Address: 1050 Connecticut Avenue, N.W., Suite 400 Included in attached check. Washington, D.C. 20036-5339 Any additional fees are authorized to be charged to deposit account 8. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. George E. Oram, Jr. December 10, 2001 Name of Person Signing Date Reg. No. 27,931

Total number of pages including co/19/ sheet, attachments, and document: 2

40.00 0

\$40,000 F. 100000000 1500014

PATENT REEL: 012361 FRAME: 0896

Docket No: 101190-00021

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventors (hereinafter ASSIGNOR) by:

Name: Korea Atomic Energy Research Institute, Representative: CHANG In-Soon Address: 150, Duckjin-Dong, Yoosung-Ku, Daejeon-Si, Republic of Korea

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

"Method for monitoring the size variation and the focus shift of a weld pool in laser welding"

for which application for Letters Patent of the	United States was filed on
and assigned Serial No.	(Arent Fox Kintner Plotkin & Kahn, PLLC
is hereby authorized to insert the series code, s	serial number and/or filing date hereon, when known
	to be obtained therefor on said application or any ssue or reexamination thereof for the full term or terms
continuing, divisional, reissue or reexamination	apers necessary in connection with application and any on applications thereof and also to execute separate s as the ASSIGNEE may deem necessary or expedient.
The ACCICNOD agrees to evecute all a	nament nagation with any interference

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventors have affixed their signatures.

Cheol-Jung KIM	2/m 3/n 7/2	November 26,2001
	(SIGNATURE)	(DATE)
Sung-Hoon BAIK	77 41 £	November 26,2001
	(SIGNATURE)	(DATE)
Min-Suk KIM	KIM MINSYK	November 26,2001
	(SIGNATURE)	(DATE)
Chin-Man CHUNG	Chung Chin Man	November 26,2001
	(SIGNATURE)	(DATE)
	(SIGNATURE)	(DATE)
	(SIGNATURE)	(DATE)
	(SIGNATURE)	(DATE)
	(SIGNATURE)	(DATE)

NO LEGALIZATION REQUIRED

RECORDED: 12/10/2001

PATENT REEL: 012361 FRAME: 0897