Form **PTO-1595** (Rev. 03/01)

12-03-2003

102613681 **PATENTS ONLY** U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. §	5/31/2002)	PATENTS	ONLY	
To the Honorable Co	ommissioner of Patents a	nd Trademarks: P	lease record the attached original do	cuments or copy ther
Name of convey	ing party(ies):		2. Name and address of receiv	ing party(ies)
Steve Ignatowicz			Name: IRCON, INC.	<u></u>
			Internal Address:	1 5
			Street Address:	
Additional name(s) of cor attached?	veying party(ies)	Yes x No	7300 North Natchez Avenue	
3. Nature of Convey	ance:			A E
x Assignment	Merge	r		
Security Agreen	nent Chang	e of Name	City: Niles	
Other				7in: 60714
<u></u>			State: IL Additional name(s) &	Zip: 60714
Execution Date: _	August 29, 20	003	address(es) attached:	Yes x N
4. Application number	per(s) or patent number	er(s):		
If this document is being	g filed together with a new	application, the ex	ecution date of the new application is:	
A. Patent Application No.(s):			B. Patent No.(s):	
10/648,469				
	•			
	Additional	numbers attach	ed? Yes x No	
5. Name and address of party to whom correspondence concerning document should be mailed:			Total number of applications patents involved:	and 1
Name: Thomas A. Miller MARSHALL, GERSTEIN & BORUN LLP			7. Total fee (37 CFR 3.41)	\$ 40.00
Internal Address: Atty. Dkt.: 29123/38750A			x Enclosed	
Street Address:			Authorized to be charge	ged to deposit acc
233 S. Wacker Drive, Suite 6300			Authorized to be charged to credit card	
Sears Tower			(Form 2038 enclosed)	ged to credit card
			8. Deposit account number:	
City:	State: Zip		13-285	5
Chicago	IL 60	606-6357	(Attach duplicate copy of this page if	
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9. Statement and sigr	nature.			
To the best of my ki is a true copy of the		he foregoing info	ormation is true and correct and a	nny attached copy
Thomas A	A. Miller - 40,091	1 400	m2//W///	November 26, 200
	Person Signing		Signature	Date
Total	number of pages including	cover sheet, attach	nments, and documents: 3	
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PATENT REEL: 014745 FRAME: 0052

Attorney Docket No.: 29123/38750A

ASSIGNMENT

Serial No: 10/648,469

Filed: August 26, 2003

Title: APPARATUS AND METHOD OF SENSING THE TEMPERATURE OF A

MOLTEN METAL VEHICLE

For Ten dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to IRCON, INC., 7300 North Natchez, Niles, Illinois 60714, a Delaware corporation (hereinafter "assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, executed by the undersigned on <u>August 29, 2003</u> and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

PATENT REEL: 014745 FRAME: 0053

WITNESS my hand this 29th day of	Luguet , 2003.
State of Illinois State of Illinois State of Illinois State of Illinois	Steven Ignatowicz
On this 29 th day of August aforesaid, appeared Steven Ignatowicz to me pers	, 2003, before me, a Notary Public in and for the County and State onally known to be the same person whose name is subscribed to the
foregoing instrument, and acknowledged that he e	executed said instrument as his free and voluntary act and for the uses
and purposes therein expressed.	
WITNESS my hand and seal the same day	y and year last above given.
My Commission Expires:	Notary Public: Shilly M. Jost
	"OFFICIAL SEAL" SHIRLEY AN. JOST NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 8/30/2005

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RECORDED: 12/01/2003