U.S. Department of Commerce FORM PTO-1619A Patent and Trademark Office Expires 08/30/99 OM8 0651-0027 PATENT 08-30-2001 F HEET Please record the attached original document(s) or copy(ies) TO: The Commissioner of Patents and Trademarks: Conveyance Type Submission Type Assignment Security Agreement New Resubmission (Non-Recordation) License Change of Name Document iD# Correction of PTO Error Merger Other Reel # Frame # U.S. Government (For Use ONLY by U.S. Government Agencies) Corrective Document Frame # Reel # Secret File Departmental File Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date Month Day Year Name (line 1) Whitby, Melvyn F. Ω6. 2001 Name (line 2) Execution Date Month Day Year Second Party 06 200 Paul Name (line 1) Tasson, Name (line 2) Receiving Party Mark if additional names of receiving parties attached If document to be recorded Name (line 1) Cooper Cameron Corporation is an assignment and the receiving party is not domiciled in the United Name (line 2) States, an appointment of a domestic Address (line 1) representative is attached 515 Post Oak Blvd. (Designation must be a separate document from Address (line 2) Assignment.) Suite 1200 TX/USA Address (line 3) Houston 77027 State/Country City Domestic Representative Name and Address Enter for the first Receiving Party only. Name Address (line 1)

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PATENT REEL: 012108 FRAME: 0569

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Corresponde	ent Name and Address	Area Code and Telephone Number (71	3) 668-6257
Name [	E. Richard	Zamecki	
Address (line 1)	E. Richard	Zamecki. P.C.	
Address (line 2)	5207 Holly	Street	
Address (line 3)	Bellaire,	Texas 77401	
Address (line 4)			
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only	if a U.S. Application Number	PCT PCT	PCT
	not been assigned.		
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E. R	Richard Zamecki	E. Anhard Jawachi	August 6, 2001
Name o	of Person Signing	Signature	O Date
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U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying P	ortu/ioo)	
	Mark if additional names of conveying parties attached Conveying Parties	Execution Date
Name (line 1)	Williams, Bolie C., III	Month Day Year  08 06 2001
	Williams, Boile C., III	08 06 2001
Name (line 2)		Execution Date  Month Day Year
Name (line 1)		
Name (line 2)		Execution Date Month Day Year
Name (line 1)		20.
Name (line 2)		
Receiving Pa	rty(ies) Mark if additional names of receiving partic	es attached
Enter additional F	Receiving Party(ies)	
Name (line 1)		is an assignment and the
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	umber(s) or Patent Number(s)  Mark if additional numbers attached Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the sai	me property).
	tent Application Number(s) Patent Numb	
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PATENT REEL: 012108 FRAME: 0571

ASSIGNMENT		
We, Melvyn F. Whitby, a citizen of the United Kingdom, Paul L. Tasson, a citizen of the United States, and Bolie C. Williams, III, a citizen of the United States, all residing in Houston, Harris County, Texas, have made an invention in BIDIRECTIONAL SEALING BLOWOUT PREVENTER for which we have executed an application for United States Letters Patent on the		
WHEREAS, we represent and warrant that we are together the owners of the entire right, title and interest in and to said invention and application for Letters Patent;		
WHEREAS, Cooper Cameron Corporation, a Delaware corporation, hereinafter referred to as "ASSIGNEE," having a principal place of business at 515 Post Oak Blvd., Suite 1200, Houston, Harris		
County, Texas 77027, is desirous of acquiring the same;  NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by us, we have		
assigned, sold, transferred and set over and by these presents do assign, sell, transfer and set over unto said ASSIGNEE the entire right, title and interest in and to (a) said invention and world-wide rights		
therein, (b) said application, including all divisions, continuations, continuations-in-part, continued prosecution applications and substitutions thereof, and (c) all United States and foreign patents which		
shall issue on said invention, including all reissues, renewals and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file applications for Letters Patent on said invention in any and all foreign countries, the same to be held and enjoyed by said		
ASSIGNEE, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by us, had this assignment and sale not been made.		
Each of us warrants and covenants that he (a) has executed no document and has taken no action to in any way dispose of or encumber any interest in the invention, the application or the right to file		
applications for Letters Patent on the invention in the United States or any foreign country, (b) will not execute any such document or take any such action in the future, and (c) will take no action of any kind which would conflict with this assignment.		
Each of us covenants and agrees that he will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and do all lawful acts that may be necessary or		
desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE to (a) obtain Letters Patent, both domestic and foreign, on said invention, (b) establish, maintain and secure title in said		
ASSIGNEE, its successors and assigns, to said invention, application and Letters Patent, including making such title of lawful public record, and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full		
force and effect to this assignment.  We hereby authorize and request the United States Patent and Trademark Office to issue all Letters Patent based on said application and all said divisions, continuations, continuations-in-part,		
continued prosecution applications, reissues, renewals and extensions to said ASSIGNEE, its successors and assigns.		
IN TESTIMONY WHEREOF, we have duly executed this assignment this day of August, 2001, this 6th day of August, 2001, and this 6th day of day of August, 2001, respectively		

August , 2001, this 6th day of Aveust , 2001, and this 6th day of Melvyn F. Whitby

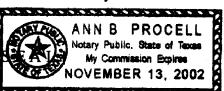
Paul L. Tasson

Bolie C. Williams, III

Page 1 of 2

BEFORE me, the undersigned authority, on this day personally appeared Melvyn F. Whitby, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

GIVEN under my hand and seal of office this



day of (

Notary Public in and for the State of Texas

My commission expires ///3/2002

STATE OF TEXAS

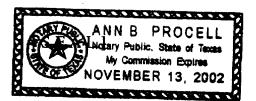
COUNTY OF HARRIS

BEFORE me, the undersigned authority, on this day personally appeared Paul L. Tasson, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

GIVEN under my hand and seal of office this \_\_\_\_\_



\_\_day of ( But .A.D. 2001.



Notary Public in and for the State of Texas

My commission expires 11/13/2002

STATE OF TEXAS

§ §

COUNTY OF HARRIS

BEFORE me, the undersigned authority, on this day personally appeared Bolie C. Williams, III, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

GIVEN under my hand and seal of office this de day of descript , A.D. 2001.

Notary Public in and for the State of Texas

My commission expires ///13/2002

REEL: 012108 FRAME: 0573