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Name (line 1) Westinghouse Savannah River Comp	pany		Month Day Year 08/01/2001
Name (line 2)			
Second Party			Execution Date Month Day Year
Name (line 1)			
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REEL: 12053 FRAME: 0932

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
orrespondent Name and Address	S Area Code and Telephone Number	(803) 725-3739
Name Donna A. Brown		
dress (line 1) Office of Chief Counsel		
ddress (line 2) U.S. Department of Energy, Sava	annah River Operations Office	
ddress (line 3) P.O. Box A		
ddress (line 4) Aiken, SC 29802		
•	pages of the attached conveyance docume	nt
including any attachment		# 1
Application Number(s) or Patent N Enter either the Patent Application Number or	the Patent Number (DO NOT ENTER BOTH numbers for	dditional numbers attached
Patent Application Number(s	-	Number(s)
09/689,661		
this document is being filed together with a new	Patent Application, enter the date the patent applicati	ion <u>Month Day Yea</u>
Patent Cooperation Treaty (PCT) Enter PCT application number	РСТ	РСТ
only if a U.S. Application Num		PCT
has not been assigned.		
lumber of Properties Enter the to	otal number of properties involved.	1
ee Amount Fee Amo	ount for Properties Listed (37 CFR 3.41): \$	0.00
Method of Payment: E	nclosed Deposit Account	
(Enter for payment by deposit account or	if additional fees can be charged to the Deposit Account Number: #	[]
	Authorization to charge additional fees:	Yes No
Statement and Signature		
To the best of my knowledge an	d belief, the foregoing information is true ar	nd correct and any
attached copy is a true copy of t	he original document. Charges to deposit a	
indicated herein.		
	1 Min lo DR_	8/1/2001
Donna A. Brown Name of Person Signing	Signature	Date

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PATENT REEL: 12053 FRAME: 0933

DOE Docket No.: S-93,540

CONFIRMATORY LICENSE

Application for: Ball Valve Extractor Inventor(s): Roger A. Brown et.al Serial Number: 09/689,661 Filing Date: 10/12/00 Contract No.: DE-AC09-96SR18500 Contractor: Westinghouse Savannah River Company

The invention identified above is a "Subject Invention" under the above-identified contract. A copy of the provisions of the above-identified contract (certified on July 13, 1998) governing patent rights in the Subject Invention at the time the invention was made, has been submitted to the U.S. Department of Energy.

The Contractor confirms that under the provisions of the above-identified contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world. This license applies to the invention in the above-identified patent application, and any and all divisions or continuations of it, and any resulting patent or reissue patent that may be granted.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of the above-identified contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Contractor grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Date: August 1, 2001

Murray B. Baxtler () Intellectual Property Counsel

RECORDED: 08/06/2001