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04-13-1999



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Name (line 2)					
Second Party			Execution Date Month Day Year		
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Expires 06/30/99 OMB 0651-0027	Page 2	Patent and Trademark Office PATENT
Correspondent Name and Address	ess Area Code and Telephone Num	ber [630] 252-2176
Name Robert J. Fisher		
Address (line 1) U.S. Department of Energy		
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508,781		
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PATENT

REEL: 9870 FRAME: 0638

CONFIRMATORY LINCENSE

(Nonprofit Organizations or Small Business Firms)

Title	:	METHOD AND APPARATUS TO PRODUCE STICK-SLIP MOTION OF LOGGING TOOL ATTACHED TO A WIRELINE DRAWN UPWARD BY A CONTINUOUSLY ROTATING WIRELINE DRUM				
Inventor(s)	:	William Ban	ning Vail III & Ste	ven T. Momii.		
Serial No.	:	508,781		Filing Date:	uly 28, 1995	, •
Contractor	:	INTERMAG	NETIC LOGGING	INC.		
DOE Contract No	. :	DE-FG19-88	BC14243			
DOE Case No.	:	S-88,884 - (CIP of S-81,888 -	U.S. Patent No	. 5,570,024	
Patent Rights Cla	use No.:	DEAR 952.22	<i>27-71</i>			
Foreign Applicati	ons filed	in or intended to	o be filed at Contrac	tor's expense in	(countries):	
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patent application		granico an irrev	ocable power to ins	pect and make c	opies of the a	above-identified
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(SEAL)		Signed this	WESTERN ATLAS INTEREST AND TO PARAMAGNETI SALAGORIA S	day of INTERNATIONAL CITLE TO THE C LOGGING. (Contractor)	March L, INC., AS SUBJECT IN INCORPO	, 19 99 S SUCCESSOR IN NVENTION FROM RATED

RECORDED: 04/05/1999

PATENT REEL: 9870 FRAME: 0639

(Business Address)