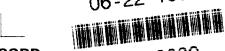
FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

06-22-1998

U.S. Department of Commerce Patent and Trademark Office PATENT

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FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2		U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Addr	ess Area Code and T	elephone Number	(210) 737-3600
Name MARK A. KAMMER	}		
Address (line 1) 750 E. MULBERR	RY, SUITE 304		
Address (line 2) SAN ANTONIO, T	EXAS 78212		
Address (line 3)			
Address (line 4)			
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Application Number(s) or Paten  Enter either the Patent Application Number  Patent Application Number  Patent Application Number  If this document is being filed together with an signed by the first named executing inventor.  Patent Cooperation Treaty (PCT Enter PCT application number only if a U.S. Application Number assigned.	or the Patent Number (DO NO)  r(s)  Patent Application, enter the	Patent	Number(s)
Number of Properties  Enter	the total number of propo	erties involved.    #	1
Fee Amount  Method of Payment:  Deposit Account  (Enter for payment by deposit account of	•	ed to the account.)	40.00
	Authorization to char	ge additional fees:	Yes No

## **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. Charges to deposit account are authorized, as indicated herein.

MARK A. KAMMER

**Name of Person Signing** 

Signature

Date

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: § DATE: 27 APR 98

Michael S. Bittar

SERIAL NO.: § ACTION: Assignment

FILED: herewith §

ATTY DKT: P01046.01.2 §

TITLE: METHOD AND APPARATUS FOR AZIMUTHAL ELECTROMAGNETIC

WELL LOGGING USING SHIELDED ANTENNAS

TO: Commissioner of Patents and Trademarks

Washington, D.C. 20231

## **ASSIGNMENT**

WHEREAS, I, Michael S. Bittar, a citizen of the United States, residing at 8711 Wheatland Drive, Houston, Texas 77064, have invented new and useful improvements entitled "Method and Apparatus for Azimuthal Electromagnetic Well Logging Using Shielded Antennas" for which I have executed an application for Letters Patent which is filed with the U.S. Patent and Trademark Office on even date herewith; and

WHEREAS, I represent and warrant that I am the sole owner of said invention and application for Letters Patent; and

WHEREAS, Dresser Industries, Inc., hereinafter called "ASSIGNEE," a Delaware corporation, having its principal office at 2001 Ross Avenue, Dallas, Texas 75201, is desirous of acquiring my right, title and interest in and to the said application and the invention therein described and claimed, and any Letters Patent that may be issued upon said application or for the invention therein contained;

NOW, THEREFORE, for and in consideration of the sum of Ten Dollars (\$10) lawful money of the United States, and other valuable consideration, to me in hand paid, the receipt and sufficiency whereof I hereby acknowledge, I, the said Michael S. Bittar, have sold, assigned and transferred and do hereby sell, assign and transfer unto the said ASSIGNEE, its successors and assigns, my entire right, title and interest in and to (a) said invention and worldwide rights therein; (b) said application, including all divisions, continuations, continuations-in-part 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 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 me, had this Assignment and sale not been made.

I covenant and agree that I and my executors or administrators 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.

IN TESTIMONY WHER	OF, I have duly executed this Assignment this 27 day of
,	Michael S. Bittar
STATE OF TEXAS	§ 8
COUNTY OF	\$ §

BEFORE ME, the undersigned authority, on this day personally appeared MICHAEL S. BITTAR, 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 consideration therein expressed.

GIVEN under my hand and seal of office this 2 17th day of 1998.

Notary Public, State of

Printed Name of Notary

Commis

NOTARY PUBLIC STATE OF TEXAS COMM. EXP. 11-03-2001

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RECORDED: 06/10/1998