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01-06-2005



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COVER SHEET FOR PATENT ASSIGNMENT (DOCUMENT)

IDENTIFICATION OF APPLICATION (37 CFR 331(c))

- 1. The patent and to which the attached assignment (document) refers is identified as follows:
 - a. Filing Date of Application: 4/12/02
 - b. Serial Number of Application: 10/121,647
 - c. U.S. Patent Number: 6,748,341
 - d. Date of Issue: 6/8/04
 - e. Name of Inventor(s): George E. Crowder, Jr.
 - c. Title of invention: Method and Device for Machinery Disgnostics and Prognostics

NAME OF PARTY(IES) CONVEYING INTEREST (37 CFR 1.331(a)(1))

- 2. The party(ies) conveying this interest is (are):
 - Name 1: George E. Crowder, Jr.
 - Name 2: _____

NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST (37 CFR 1.331(a)(2))

- 3. The rights are being conveyed to :
 - Name: Frontier Technology, Inc.
 - Address: 26 Castilian Drive
Suite B
Goleta, CA 93017
 - Telephone No.: (805) 685-6672

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OPR/FINANCE

DESCRIPTION OF INTEREST CONVEYED OR TRANSACTION RECORDED (37 CFR 1.331(a)(3))

- 4. The accompanying document intends to accomplish:
 - an assignment

NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE SHOULD BE MAILED (37 CFR 1.331(a)(5))

- 5. Please address correspondence to:
 - Name: Michael G. Petit
 - Address: P. O. Box 91929
Santa Barbara, CA 93190-1929
 - Telephone No.: (805) 563-6556

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DATE ASSIGNMENT (DOCUMENT) EXECUTED (37 CFR 1.331(a)(7))

6. The attached assignment (document) was executed on 12/9/04.
(date)

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

The attached document:

- is in the English language
 is not in the English language and a verified English translation signed by _____ the individual making the transaction is attached

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

7. Submitted herewith is:
 the original document
 a true copy of the original document

NUMBER OF PATENTS IDENTIFIED IN THIS COVER SHEET AND THE FEE (37 CFR 1.331 (a)(6))

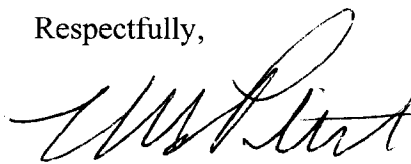
8. A. This cover sheet identifies only one patent:
B. The fee for recordal (37 CFR 1.21(h)) is \$40.00
 Attached is a check for \$40.00

STATEMENT (37 CFR 1.331(a)(9)) AND SIGNATURE (37 CFR 1.331(a)(10))

9. 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.

Date: 12/30/04

Respectfully,



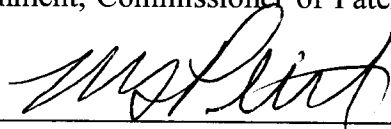
Michael Petit, Reg. No. 30,795

Certificate of Mailing

I certify that this correspondence will be deposited with the U.S. Postal Service as Express Mail with proper postage affixed in an envelope addressed to: "Mail Stop Assignment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on the date below.

Date: 12/30/04

by:



Michael G. Petit

ASSIGNMENT

WHEREAS, I, George E. Crowder, Jr., a citizen of the United States of America, residing at 4903 Fieldwood Ct., Fairfax, VA 22030 USA have invented certain new and useful improvements, for which I have executed an application for Letters Patent of the United States entitled: **Method and Device for Machinery Diagnostics and Prognostics**, which issued as U.S. Patent No. 6,748,341 on 6/8/04; and

WHEREAS, Frontier Technology, Inc., having a principal place of business at 26 Castilian Drive, Suite B, Goleta, CA 93017, USA, is desirous of obtaining the entire right, title and interest in the said improvements and the said patent entitled: **Method and Device for Machinery Diagnostics and Prognostics**, which issued as U.S. Patent No. 6,748,341 on 6/8/04.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby severally and jointly, sell, assign, transfer and set over, unto the said Frontier Technology, Inc., its successors, legal representatives and assigns, my respective right, title and interest, and the entire right, title and interest throughout the world in and to the said U.S. Patent 6,748,341 and all divisions, renewals and continuations thereof which may hereafter be filed for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said Frontier Technology, Inc., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to said Frontier Technology, Inc., its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said Frontier Technology, Inc., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I set my hand and seal this 9th day of December, 2004.

George E. Crowder, Jr.
(George E. Crowder, Jr., Inventor)

State of Virginia)	
County of <u>Richmond</u>)	ss:
On this <u>9th</u> day of <u>Dec</u> , 2004, before me, <u>DAVE BEYENE</u> a Notary Public in and for the State and County aforesaid, personally appeared <u>GEORGE E. CROWDER</u> that name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free act and deed.	
SEAL:	<u>MY NOTARY EXPIRES 01-31-2006</u>
	<u><i>Dave Beyene</i></u> Notary Public