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Street Address: 2929 Allen Parkway	Naman David Ames	Internal Address: Suite 2100
Execution Date(s) Assignment		
Assignment	•	
Scaliny Agreement Joint Research Agreement State: TX Country: US Zip:77019-2118		
Government Interest Assignment Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Yes No 4. Application or patent number(s): A. Patent Application No.(s) IN 939, 692 Additional numbers attached? Yes No B. Patent No.(s) Additional numbers attached? Yes No B. Patent No.(s) 6. Total number of applications and patents involved: Internal Address: Name: James E. Bradley Internal Address: Street Address: PO Box 61389 City: Houston State: TX Zip:77208-1389 Phone Number: 713.223.3301 Fax Number: 713.221.1212 Email Address: james bradley@bglp.com 9. Signature Michael E. Noe, Jr. Country: US Zip:77019-2118 Additional name(s) & address(es) attached? Yes No B. Patent No.(s) 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Expiration Date b. Deposit Account Number Expiration Date b. Deposit Account Number 02-0429 Authorized Michael E. Noe, Jr. B. Patent No.(s) 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account B. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 02-0429 Authorized Michael E. Noe, Jr. B. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 02-0429 Authorized Michael E. Noe, Jr. B. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 02-0429 Authorized Michael E. Noe, Jr. B. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number of pages including cover of pages i	Security Agreement Change of Name	City: Houston
Executive Order 9424, Confirmatory License Other 4. Application or patent number(s): A Patent Application No.(s) Name and address to whom correspondence concerning document should be mailed: Name: James E. Bradley Internal Address: Street Address: PO Box 61389 Phone Number: 713.223.3301 Fax Number: 713.223.3301 Fax Number: 713.223.3301 Fax Number: 713.221.1212 Email Address: james.bradley@bqllp.com P. Signature: Country: US Zip:77019-2118 Additional name(s) & address(es) attached?	Joint Research Agreement	State: TX
A. Application or patent number(s): A. Patent Application No.(s) B. Patent No.(s) B. Patent No.(s) Additional numbers attached? Yes No Additional numbers attached? Yes No 5. Name and address to whom correspondence concerning document should be mailed: Name: James E. Bradley Internal Address: Street Address: PO Box 61389 City: Houston State: TX Zip:77208-1389 Phone Number: 713.223.3301 Fax Number: 713.223.3301 Fax Number: 713.223.3301 Fax Number: 713.221.1212 Email Address: james.bradley@bgllp.com 9. Signature: Michael E. Noe, Jr. This document is being filed together with a new application. B. Patent No.(s) 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 02-0429 Authorized Number 14, 2007 Date Michael E. Noe, Jr. Total number of pages including cover		Country: US Zip: 77019-2118
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Authorized to be charged by credit card ✓ Authorized to be charged to deposit account ✓ Authorized to be charged by credit card ✓ Authorized to be charged to deposit account ✓ Bencies ✓ Authorized to be charged by credit card ✓ Authorized to be charged to deposit account ✓ Bencies ✓ Authorized to be charged by credit card ✓ Authorized to be charged by credit card ✓ Authorized to be charged by credit card ✓ Authorized to be charged to deposit account ✓ Bencies ✓ Authorized to be charged to deposit account ✓ Bencies ✓ Authorized to be charged to deposit account ✓ Authorized to be charged to deposit account ✓ Authorized to be charged to deposit account ✓ Bencies ✓ Authorized to be charged to deposit account ✓ Authorized to b	Name:James E. Bradley	7 Total foo (27 CEP 1 21/b) 8 2 41) \$ 40.00
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State: TX Zip:77208-1389 Phone Number: 713.223.3301 Fax Number: 713.221.1212 Email Address: james.bradley@bgllp.com 9. Signature: Michael E. Noe, Jr. Authorized 1/1969 Nation 1/1969 November 14, 2007 Date Michael E. Noe, Jr. Total number of pages including cover 4	Street Address: PO Box 61389	Enclosed
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Email Address: james.bradley@bgllp.com Signature: Michael E. Noe, Jr. Deposit Account Number 02-0429 Authorized / User Name 14, 2007 Bi FC: 8821 November 14, 2007 Date Total number of pages including cover	Phone Number: 713.223.3301	
Authoriced		b. Deposit Account Number <u>02-0429</u>
9. Signature: November 14, 2007 Date		Julio Flagrico III.
Michael E. Noe, Jr. Total number of pages including cover 4		November 14, 2007
		Total number of pages including cover

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PATENT APPLICATION ASSIGNMENT

Docket No. 024-45524

WHEREAS, we,

- (1) Nicholas J. Lyons, a US citizen, residing at 808 Pecore Street, Houston, Texas and
- (2) Nathan David Ames, a US citizen, residing at 16136 Lewis Road, Sunbury, Ohio

have invented new and useful improvements in a

SYSTEM, METHOD, AND APPARATUS FOR REACTIVE FOIL BRAZING OF CUTTER COMPONENTS FOR FIXED CUTTER BIT

for which application is being made for Letters Patent, said application being executed by me on the date of (1) November 13, 2007; and (2) November 14, 2007, respectively, and further being identified by Attorney's Docket 024-45524.

WHEREAS, BAKER HUGHES INCORPORATED, a corporation of the State of Delaware, having a principal place of business at 2929 Allen Parkway, Suite 2100, Houston, Texas 77019-2118, is desirous of acquiring our entire right, title and interest in said application and our Letters Patent which may issue thereon.

NOW THEREFORE, be it known by all whom it may concern that for and in consideration of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, we hereby assign to said corporation, both in and for the territory of the United States of America and the entire world, all our title and interest in and to said invention, patent applications and any patent which may issue thereon, including all divisions, continuations, reissues, continuations-in-part and substitutions thereof, plus all priority rights for patent applications foreign to the United States of America.

We further hereby assign and transfer to said corporation whatever cause of action we may have for past or present infringement of said invention, together with the right to bring suit for any such infringement and to seek and receive damages and other relief arising from any such infringement.

We hereby covenant and agree that we will at any time, upon the request and at the expense of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title and said invention, applications and patents, and we authorize the Commissioner of Patents and Trademarks to issue Letters Patent to said corporation.

AUSTIN\190836.1

PATENT REEL: 020153 FRAME: 0934

IN TESTIMONY WHEREOF, I execute this Assignment on the 13 day of November, 2007. Notember, 2007. Nicholas J. Lyons
STATE OF TEXAS
COUNTY OF MONT GOMERY
Before me personally appeared the above-identified individual and acknowledged the foregoing assignment to be his voluntary act and deed on the 13th day of November, 2007.
VIKKI M. MERIWETHER Notary Public, State of Texas My Commission Expires March 23, 2009 Notary Public in and for State of Texas My Commission Expires My Commission Expires My Commission Expires: 03/23/2009
IN TESTIMONY WHEREOF, I execute this Assignment on the day of, 2007.
Nathan David Ames
STATE OF OHIO
COUNTY OF
Before me personally appeared the above-identified individual and acknowledged the foregoing assignment to be his voluntary act and deed on theday of, 2007.
Notary Public in and for State of Ohio My Commission Expires:

ASSIGNMENT 9001RF.045291 Page 2 of 2

Attorney Docket No. 024-45524

PATENT

REEL: 020153 FRAME: 0935

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RECORDED: 11/16/2007

Page 2 of 2

Attorney Docket No. 024-45524

PATENT REEL: 020153 FRAME: 0936