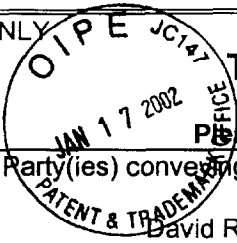


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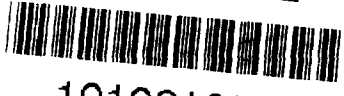
01-24-2002

PATENTS ONLY

PATENTS ONLY



TOT



101961320

PATENTS

or copy thereof.

1. Name of Party(ies) conveying an interest:

David R. Hall  
H. Tracy Hall, Jr.  
David Pixton  
Scott Dahlgren  
Joe Fox

1-17-02

Address of Party(ies) receiving an interest:

Name: Novatek Engineering Inc.  
Street Address: 2185 South Larsen Parkway  
City: Provo  
State/Zip: UT 84606

Additional name(s) and addresses attached?

Yes  No

Additional name(s) of conveying party(ies) attached?

Yes  No

3. Description of the interest conveyed:

- Assignment  Change of Name Other:
- Security Agreement  Merger

Execution Date: October 2, 2001

4. Application number(s) or patent number(s). Additional sheet attached?  Yes  No

If this document is being filed together with a new application, the execution date of the application is:

Date

A. Patent Application No.(s)

Serial No. 09/816,766  
DOWNHOLE DATA TRANSMISSION  
David R. Hall, et al.  
Filed: March 23, 2001  
3507-16

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610  
(312)321-4200

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

- Enclosed
- Authorized to be charged to Deposit Account No. 23-1925

8.  Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

DO NOT USE THIS SPACE

10/23/2002 TDIAZ1 00000253 09816766  
FC:581 40.00 OF

9. 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.

Jeffery M. Duncan  
Name of Person Signing

October 26, 2001  
Date

Total number of pages including cover sheet, attachments, and document: 6

**ASSIGNMENT**

WHEREAS, David R. Hall, H. Tracy Hall, Jr., David Pixton, Scott Dahlgren, and Joe Fox, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled DOWNHOLE DATA TRANSMISSION SYSTEM, for a full description of which reference is here made to an application for Letters Patent of the United States filed on March 23, 2001 and assigned Application Serial No. 09/816,766;

WHEREAS, Novatek Engineering Inc., a corporation organized and existing under the laws of the State of Utah, having a place of business at 2185 South Larsen Parkway, Provo, Utah, 84606, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;


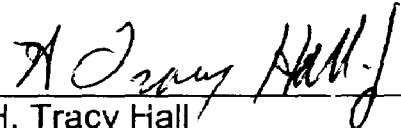
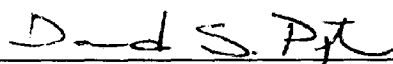
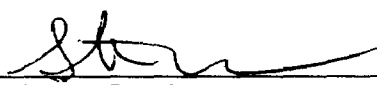
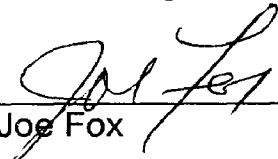
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the

prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

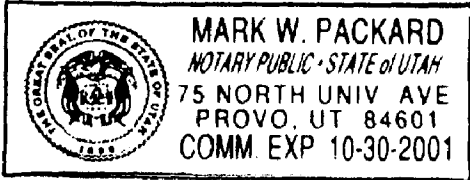
DATED:	<u>10-2-01</u>	 _____ David R. Hall
DATED:	<u>10-2-2001</u>	 _____ H. Tracy Hall
DATED:	<u>10/2/01</u>	 _____ David Pixton
DATED:	<u>10-2-01</u>	 _____ Scott Dahlgren
DATED:	<u>10-2-01</u>	 _____ Joe Fox
	_____	_____

STATE OF Utah) ) ss.  
COUNTY )  
OF Utah)

I, , A Notary Public in and for the County and State aforesaid, do hereby certify that David R. Hall, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 2<sup>nd</sup> day of oct , 2001.

(SEAL)



  
\_\_\_\_\_  
Notary Public

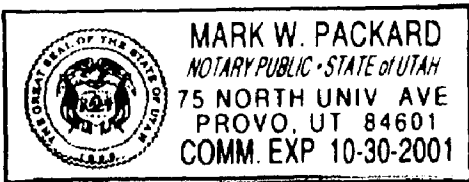
My Commission Expires: 10/30/2001

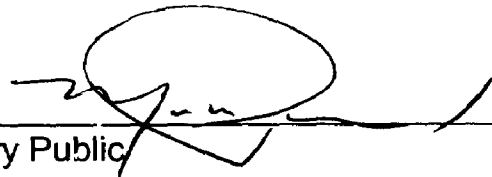
STATE OF Utah) ) ss.  
COUNTY )  
OF Utah)

I, , A Notary Public in and for the County and State aforesaid, do hereby certify that H. Tracy Hall, Jr., personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 2<sup>nd</sup> day of oct , 2001.

(SEAL)



  
\_\_\_\_\_  
Notary Public

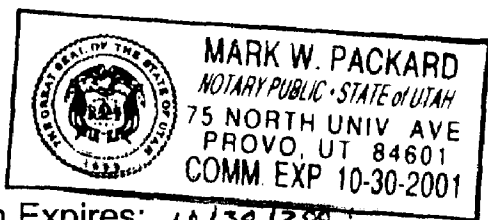
My Commission Expires: 10/30/2001

STATE OF Utah)  
 ) ss.  
COUNTY )  
OF Utah

I, , A Notary Public in and for the County and State aforesaid, do hereby certify that David Pixton, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 2<sup>nd</sup> day of Oct, 2001.

(SEAL)



Notary Public

A handwritten signature in black ink, appearing to be 'Mark W. Packard', written over a solid horizontal line.

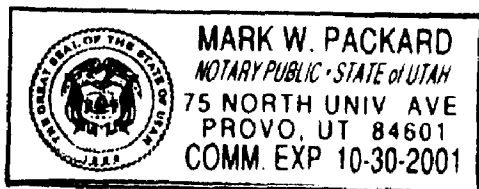
My Commission Expires: 10/30/2001

STATE OF Utah)  
 ) ss.  
COUNTY )  
OF Utah

I, , A Notary Public in and for the County and State aforesaid, do hereby certify that Scott Dahlgren, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 2<sup>nd</sup> day of Oct, 2001.

(SEAL)



Notary Public

A handwritten signature in black ink, appearing to be 'Mark W. Packard', written over a solid horizontal line.

My Commission Expires: 10/30/2001

STATE OF

Utah)

) ss.

COUNTY

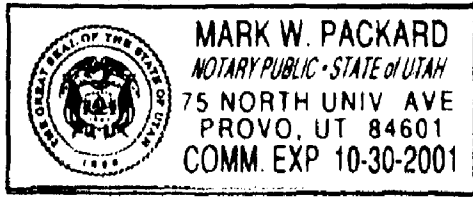
)

OF Utah

I, \_\_\_\_\_, A Notary Public in and for the County and State aforesaid, do hereby certify that Joe Fox, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 2<sup>nd</sup> day of Oct, 2001.

(SEAL)



*[Handwritten Signature]*  
\_\_\_\_\_  
Notary Public

My Commission Expires: 10/30/2001

**ASSIGNMENT**

WHEREAS, David R. Hall, H. Tracy Hall, Jr., David Pixton, Scott Dahlgren, and Joe Fox, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled DOWNHOLE DATA TRANSMISSION SYSTEM, for a full description of which reference is here made to an application for Letters Patent of the United States filed on March 23, 2001 and assigned Application Serial No. 09/816,766;

WHEREAS, Novatek Engineering Inc., a corporation organized and existing under the laws of the State of Utah, having a place of business at 2185 South Larsen Parkway, Provo, Utah, 84606, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

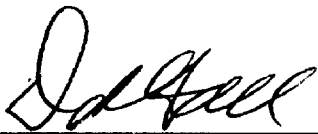
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the

prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED: 10-2-01   
David R. Hall

DATED: 10-2-2001   
H. Tracy Hall

DATED: 10/2/01   
David Pixton

DATED: 10-2-01   
Scott Dahlgren

DATED: 10-2-01   
Joe Fox

\_\_\_\_\_

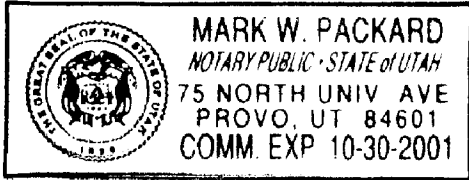


STATE OF Utah) ) ss.  
COUNTY )  
OF Utah )

I, \_\_\_\_\_, A Notary Public in and for the County and State aforesaid, do hereby certify that David R. Hall, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 2<sup>nd</sup> day of oct, 2001.

(SEAL)



  
\_\_\_\_\_  
Notary Public

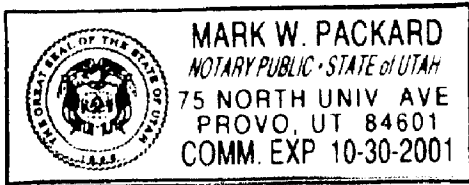
My Commission Expires: 10/30/2001

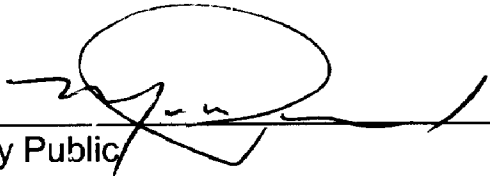
STATE OF Utah) ) ss.  
COUNTY )  
OF Utah )

I, \_\_\_\_\_, A Notary Public in and for the County and State aforesaid, do hereby certify that H. Tracy Hall, Jr., personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 2<sup>nd</sup> day of oct, 2001.

(SEAL)



  
\_\_\_\_\_  
Notary Public

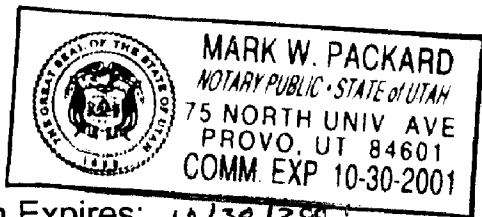
My Commission Expires: 10/30/2001

STATE OF Utah)  
 ) ss.  
COUNTY )  
OF Utah

I, \_\_\_\_\_, A Notary Public in and for the County and State aforesaid, do hereby certify that David Pixton, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 2<sup>nd</sup> day of Oct, 2001.

(SEAL)



  
\_\_\_\_\_  
Notary Public

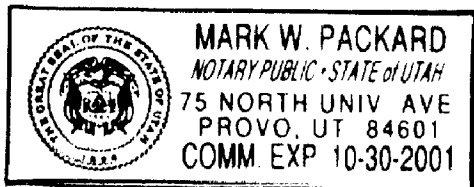
My Commission Expires: 10/30/2001


STATE OF Utah)  
 ) ss.  
COUNTY )  
OF Utah

I, \_\_\_\_\_, A Notary Public in and for the County and State aforesaid, do hereby certify that Scott Dahlgren, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 2<sup>nd</sup> day of Oct, 2001.

(SEAL)



  
\_\_\_\_\_  
Notary Public

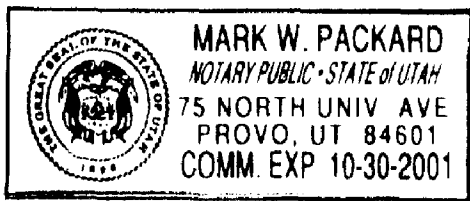
My Commission Expires: 10/30/2001

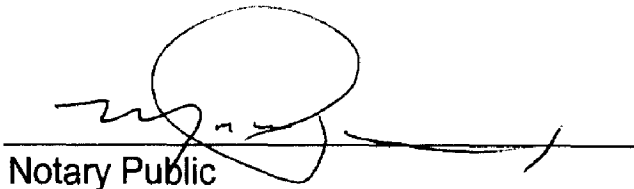
STATE OF Utah) ) ss.  
COUNTY )  
OF Utah )

I, \_\_\_\_\_, A Notary Public in and for the County and State aforesaid, do hereby certify that Joe Fox, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 2<sup>nd</sup> day of Oct, 2001.

(SEAL)



  
\_\_\_\_\_  
Notary Public

My Commission Expires: 10/30/2001