

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NovaDrill, Inc.	01/21/2010

RECEIVING PARTY DATA

Name:	Schlumberger Technology Corporation
Street Address:	5599 San Felipe
Internal Address:	Suite 1600
City:	Houston
State/Country:	TEXAS
Postal Code:	77056

PROPERTY NUMBERS Total: 30

Property Type	Number
Patent Number:	7198119
Patent Number:	7225886
Patent Number:	7252174
Patent Number:	7258179
Patent Number:	7265649
Patent Number:	7270196
Patent Number:	7328755
Patent Number:	7337858
Patent Number:	7360610
Patent Number:	7377315
Patent Number:	7382273
Patent Number:	7392857
Patent Number:	7398837
Patent Number:	7419018

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Patent Number:	7426968
Patent Number:	7453768
Patent Number:	7497279
Patent Number:	7527110
Patent Number:	7533737
Patent Number:	7535377
Patent Number:	7571780
Patent Number:	7600586
Application Number:	11307196
Application Number:	11428993
Application Number:	11467095
Application Number:	11553651
Application Number:	11679529
Application Number:	12432231
Application Number:	12475344
PCT Number:	US0764544

CORRESPONDENCE DATA

Fax Number: (713)651-5246
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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Address Line 2: Fulbright & Jaworski L.L.P.
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ATTORNEY DOCKET NUMBER:	SCHLUMBERGER/10911410
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NAME OF SUBMITTER:	James W. Repass
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Total Attachments: 11
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PATENT

REEL: 024055 FRAME: 0379

INTELLECTUAL PROPERTY ASSIGNMENT

This Intellectual Property Assignment (the "*Assignment*") is entered into as of 21
January, 2010 ("*Effective Date*") by and between NovaDrill, Inc., a Delaware corporation ("*NovaDrill*" or "*Assignor*") and Schlumberger Technology Corporation, a Texas corporation ("*Assignee*"). Assignor and Assignee are referred to herein collectively as the "*Parties*" and each, individually, as a "*Party*."

WHEREAS, Assignor desires to sell, convey, assign, transfer and deliver to Assignee, and Assignee desires to purchase, acquire, and accept from Assignor, all of Assignor's right, title and interest in and to Assignor's intellectual property assets as set forth in Schedule A hereto (the "*Intellectual Property Assets*").

NOW, THEREFORE, for ten dollars (\$10) and other good and sufficient consideration, receipt of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in and to the Intellectual Property Assets set forth in Schedule A hereof, which Assets include the following: (a) utility and design patents, utility and design patent applications, and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property; and (b) all other rights which Assignor has enjoyed thereunder both in the United States and throughout all countries of the world, including any and all rights of recovery based on infringement of said Intellectual Property Assets accruing after the Effective Date, the same to be held and enjoyed by Assignee, its successors, and assigns forever and to the full end of the terms for which any of the aforesaid Intellectual Property Assets are registered and any renewals of the terms thereof;


AND FOR THE SAME CONSIDERATION, Assignor also hereby covenants and agrees that, at the time of execution and delivery of these presents, Assignor is the sole and lawful owner of the entire right, title, and interest in and to the said registrations and applications and believes it is the sole and lawful owner of the entire right, title, and interest to said Intellectual Property Assets and said goodwill associated therewith and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND FOR THE SAME CONSIDERATION, Assignor hereby covenants and agrees that the Assignor will, whenever counsel of the Assignee or the counsel of its successors, legal representatives, and assigns shall advise that it is lawful and desirable, sign all papers and documents, deliver necessary documents including original registration certificates, if available, take all lawful oaths, execute separate confirmatory assignments, and do all acts reasonably necessary or desirable to be done for the procurement, maintenance, enforcement, and defense of said Intellectual Property Assets and registrations thereof without charge to Assignee, its successors, legal representatives, and assigns, other than reasonable costs and expenses incurred by Assignor or any of its employees, agents, and representatives in connection with the foregoing actions.

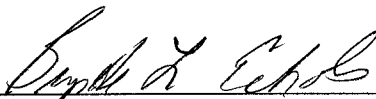
[Signatures on following page]

IN WITNESS WHEREOF, the Parties have executed this Assignment on the date first written above.

NOVADRILL, INC.

By: 
Name: _____
Title: President

SCHLUMBERGER TECHNOLOGY
CORPORATION

By: 
Name: BRIGITTE L. ECHOLS
Title: ATTORNEY-IN-FACT

SCHEDULE A

Ref. No.	Docket	Country	Status	Assignee (USPTO)	Title
US08/57677	85.0251	PCT	Pending	NOVADRILL, INC.	Downhole Tool String Component
6,367,565	85.0001-1	US	Granted	NOVADRILL, INC.	Means for Detecting Subterranean Formations and Monitoring the Operation of a Downhole, Fluid Driven Percussive Piston
7,105,249	85.0002-1	US	Granted	NOVADRILL, INC.	Pressure-Compressed Downhole Battery
7147965	85.0002	US	Granted	NOVADRILL, INC.	Pressure-balanced battery for downhole tools
7190084	85.0004	US	Granted	NOVADRILL, INC.	Method and apparatus for generating electrical energy downhole
7308795	85.0006	US	Granted	NOVADRILL, INC.	Method and system for cooling electrical components downhole
6253864	85.0016	US	12th-yr-fee due 1/4/2013	NOVADRILL, INC.	Percussive shearing drill bit
7277026	85.0026	US	Granted	NOVADRILL, INC.	Downhole component with multiple transmission elements
11/861,412	85.0026-1	US	Pending	NOVADRILL, INC.	Downhole Component with Multiple Transmission Elements
7424928	85.0034	US	Granted	NOVADRILL, INC.	Apparatus, system and method for flexibly coupling sensors to a downhole tool

Ref. No.	Docket	Country	Status	Assignee (USPTO)	Title
7252174	85.0039	US	Granted	NOVADRILL, INC.	Downhole Seismic-Sonic Receiver
7377315	85.0043	US	Granted	NOVADRILL, INC.	Complaint covering of a downhole component
7270196	85.0045	US	Granted	NOVADRILL, INC.	Drill bit assembly
7198119	85.0046	US	Granted	NOVADRILL, INC.	Hydraulic drill bit assembly
7,328,755	85.0046-1	US	Granted	NOVADRILL, INC.	Hydraulic drill bit assembly
7360610	85.0047	US	Granted	NOVADRILL, INC.	Drill bit assembly for directional drilling
11307196	85.0049	US	Pending	NOVADRILL, INC.	Thin-film Battery
7337858	85.0051	US	Granted	NOVADRILL, INC.	Drill bit assembly adapted to provide power downhole
7225886	85.0053	US	Granted	NOVADRILL, INC.	Drill bit assembly with an indenting member
2647416	85.0058	CA	pending	NOVADRILL, INC.	Drill bit assembly with a logging device
7398837	85.0058	US	Granted	NOVADRILL, INC.	Drill bit assembly with a logging device
7759037	85.0058	EU	pending	NOVADRILL, INC.	Drill bit assembly with a logging device
20084384	85.0058	NO	pending	NOVADRILL, INC.	Drill bit assembly with a logging device
80801752	85.0058	CN	pending	NOVADRILL, INC.	Drill bit assembly with a logging device
18080059549	85.0058	BR	pending	NOVADRILL, INC.	Drill bit assembly with a logging device
60080AUP00	85.0058	AU	pending	NOVADRILL, INC.	Drill bit assembly with a logging device
a/2008/012078	85.0058	MX	pending	NOVADRILL, INC.	Drill bit assembly with a logging device
PCT/US07/64544	85.0058	PCT	Expired	NOVADRILL, INC.	Drill Bit Assembly with a Logging Device
PI20083683	85.0058	MA	pending	NOVADRILL, INC.	Drill bit assembly with a logging device
7426968	85.0062	US	Granted	NOVADRILL, INC.	Drill bit assembly with a probe
7382273	85.0069	US	Granted	NOVADRILL, INC.	Wired tool string component

Ref. No.	Docket	Country	Status	Assignee (USPTO)	Title
7453768	85.0070	US	Granted	NOVADRILL, INC.	High-speed, downhole, cross well measurement system
12/432,231	85.0075-1	US	Pending	NOVADRILL, INC.	Wired tool string component
7535377	85.0075	US	Granted	NOVADRILL, INC.	Wired tool string component
7258179	85.0078	US	Granted	NOVADRILL, INC.	Rotary bit with an indenting member
11428993	85.0083	US	Pending	NOVADRILL, INC.	System and Method for Sharing Information between Downhole Drill Strings
11467095	85.0091	US	Pending	NOVADRILL, INC.	Downhole Electric Power Generator
7571780	85.0095	US	Granted	NOVADRILL, INC.	Jack element for a drill bit
12/475,344	85.0095-1	US	Pending	NOVADRILL, INC.	Jack element for a drill bit
11553651	85.0098	US	Pending	NOVADRILL, INC.	Method of Assembling a Drill Bit with a Jack Element
7419018	85.0099	US	Granted	NOVADRILL, INC.	Cam assembly in a downhole component
7527110	85.0100	US	Granted	NOVADRILL, INC.	Percussive drill bit
7392857	85.0109	US	Granted	NOVADRILL, INC.	Apparatus and method for vibrating a drill bit
7600586	85.0111	US	Granted	NOVADRILL, INC.	System for steering a drill string
7497279	85.0119	US	Granted	NOVADRILL, INC.	Jack element adapted to rotate independent of a drill bit
7533737	85.0120	US	Granted	NOVADRILL, INC.	Jet arrangement for a downhole drill bit
7265649	85.0121	US	Granted	NOVADRILL, INC.	Flexible inductive resistivity device
11679529	85.0122	US	Pending	NOVADRILL, INC.	Open Cavity in a Pocket of a Downhole Tool String Component

Ref. No.	Docket	Country	Status	Assignee (USPTO)	Title
12/624,292	85.0122-1	US	pending	NOVADRILL, INC.	Open Cavity in a Pocket of a Downhole Tool String Component
11682758	85.0123	US	Pending	NOVADRILL, INC.	Method for taking seismic measurements
7484576	85.0124	US	Granted	NOVADRILL, INC.	Jack Element in Communication with an Electric Motor and or Generator
7301429	85.0127	US	Granted	NOVADRILL, INC.	Multiple frequency inductive resistivity device
7419016	85.0130	US	Granted	NOVADRILL, INC.	Bi-center drill bit
7424922	85.0131	US	Granted	NOVADRILL, INC.	Rotary valve for a jack hammer
7497254	85.0133	US	Granted	NOVADRILL, INC.	Pocket for a downhole tool string component
7591327	85.0135	US	Granted	NOVADRILL, INC.	Drilling at a resonant frequency
7504963	85.0144	US	Granted	NOVADRILL, INC.	System and method for providing electrical power downhole
7503405	85.0146	US	Granted	NOVADRILL, INC.	Rotary valve for steering a drill string
7598742	85.0157	US	Granted	NOVADRILL, INC.	Externally guided and directed field induction resistivity tool
11759992	85.0158	US	Pending	NOVADRILL, INC.	Drill Bit with an Electrically Isolated Transmitter
7549489	85.0159	US	Granted	NOVADRILL, INC.	Jack element with a stop-off
11761095	85.0160	US	Pending	NOVADRILL, INC.	Drill Bit Transducer Device
11757928	85.0162	US	Pending	NOVADRILL, INC.	Clutch for a Jack Element
7464772	85.0164	US	Granted	NOVADRILL, INC.	Downhole pressure pulse activated by jack element
11772907	85.0165	US	Pending	NOVADRILL, INC.	Location Device with a Gravity Measuring Device

Ref. No.	Docket	Country	Status	Assignee (USPTO)	Title
11841101	85.0175	US	Pending	NOVADRILL, INC.	Segmented Sleeve on a Downhole Tool String Component
7506706	85.0176	US	Granted	NOVADRILL, INC.	Retaining element for a jack element
11774647	85.0177	US	Pending	NOVADRILL, INC.	Retaining Element for a Jack Element
7541813	85.0178	US	Granted	NOVADRILL, INC.	Externally guided and directed halbach array field induction resistivity tool
7559379	85.0180	US	Granted	NOVADRILL, INC.	Downhole Steering
11828901	85.0182	US	Pending	NOVADRILL, INC.	Stabilizer Assembly
11851094	85.0191	US	Pending	NOVADRILL, INC.	Downhole Jack Assembly Sensor
11871644	85.0199	US	Pending	NOVADRILL, INC.	Indenting Member for a Drill Bit
11860761	85.0200	US	Pending	NOVADRILL, INC.	Downhole Coils
11871480	85.0201	US	Pending	NOVADRILL, INC.	Drill Bit Nozzle
11860795	85.0206	US	Pending	NOVADRILL, INC.	Downhole Coils
7451835	85.0213	US	Granted	NOVADRILL, INC.	Downhole turbine
7434634	85.0214	US	Granted	NOVADRILL, INC.	Downhole turbine
11947949	85.0217	US	Pending	NOVADRILL, INC.	Tool String Threads
12/04/2007	85.0218	AU	Pending	NOVADRILL, INC.	System for Steering a Drill String
12/04/2007	85.0218	CA	Pending	NOVADRILL, INC.	System for Steering a Drill String
12/04/2007	85.0218	MX	Pending	NOVADRILL, INC.	System for Steering a Drill String
07865141.1	85.0218	EU	Pending	NOVADRILL, INC.	System for Steering a Drill String
20092420	85.0218	NO	Pending	NOVADRILL, INC.	System for Steering a Drill String
018090031332	85.0218	BR	Pending	NOVADRILL, INC.	System for Steering a Drill String

Ref. No.	Docket	Country	Status	Assignee (USPTO)	Title
200780046096.3	85.0218	CN	Pending	NOVADRILL, INC.	System for Steering a Drill String
PCT/US07/86323	85.0218	PCT	expired	NOVADRILL, INC.	System for Steering a Drill String
PI20086459	85.0218	MA	Pending	NOVADRILL, INC.	System for Steering a Drill String
US/07/86449	85.0219	PCT	expired	NOVADRILL, INC.	Apparatus and Method for Vibrating a Drill Bit
11956623	85.0221	US	Pending	NOVADRILL, INC.	Downhole Drive Shaft Connection
7,583,085	85.0225	US	Granted	NOVADRILL, INC.	Downhole Sensor Assembly
12019782	85.0226	US	Pending	NOVADRILL, INC.	Fluid-actuated Hammer Bit
12037682	85.0230	US	Pending	NOVADRILL, INC.	Downhole Hammer Assembly
7537051	85.0231	US	Granted	NOVADRILL, INC.	Downhole power generation assembly
7537053	85.0233	US	Granted	NOVADRILL, INC.	Downhole electrical connection
12039608	85.0240	US	Pending	NOVADRILL, INC.	Downhole Valve Mechanism
12037733	85.0241	US	Pending	NOVADRILL, INC.	Downhole Hammer Assembly
12037764	85.0242	US	Pending	NOVADRILL, INC.	Downhole Hammer Assembly
12039635	85.0244	US	Pending	NOVADRILL, INC.	Downhole Mechanism
12041754	85.0246	US	Pending	NOVADRILL, INC.	Externally Guided and Directed Field Induction Resistivity Tool
12109211	85.0257	US	Pending	NOVADRILL, INC.	Downhole sample rate system

Ref. No.	Docket	Country	Status	Assignee (USPTO)	Title
12135556	85.0262	US	Pending	NOVADRILL, INC.	Instrumentation Package in a Downhole Tool String Component
12141996	85.0263	US	Pending	NOVADRILL, INC.	Downhole Component with an Electric Device in a Blind-hole
12134442	85.0266	US	Pending	NOVADRILL, INC.	Constricting Flow Diverter
12262372	85.0294	US	Pending	NOVADRILL, INC.	Downhole Turbine
12262398	85.0295	US	Pending	NOVADRILL, INC.	Downhole Turbine
12341771	85.0296	US	Pending	NOVADRILL, INC.	Resistivity Reference Receiver
12339388	85.0297	US	Pending	NOVADRILL, INC.	Downhole Nuclear Tool
61/185,135	85.0298	US	Pending	None	Downhole Resistivity Receiver with Canceling Element
12339758	85.0299	US	Pending	NOVADRILL, INC.	Segmented Tubular Body
12339799	85.0300	US	Pending	NOVADRILL, INC.	Downhole Cover
12341817	85.0301	US	Pending	NOVADRILL, INC.	Resistivity Reference Spacing
12341843	85.0302	US	Pending	NOVADRILL, INC.	Independently Excitable Resistivity Units
12341872	85.0303	US	Pending	NOVADRILL, INC.	Induction Resistivity Cover
12358446	85.0305	US	Pending	NOVADRILL, INC.	Downhole Battery Assembly
12362586	85.0306	US	Pending	NOVADRILL, INC.	Changing Communication Priorities for Downhole LWD/MWD Applications
12362661	85.0307	US	Pending	NOVADRILL, INC.	Lead the Bit Rotary Steerable Tool
12/557,679	85.0307-1	US	Pending	NOVADRILL, INC.	Lead the Bit Rotary Steerable Tool
12405480	85.0310	US	Pending	NOVADRILL, INC.	Displaceable Plug in a Tool String Filter
12391358	85.0313	US	Pending	NOVADRILL, INC.	Downhole Turbine Actuator

Ref. No.	Docket	Country	Status	Assignee (USPTO)	Title
12391376	85.0314	US	Pending	NOVADRILL, INC.	Downhole Turbine Actuator
12393796	85.0315	US	Pending	NOVADRILL, INC.	Intelligent Electrical Power Distribution System
12405880	85.0316	US	Pending	NOVADRILL, INC.	Downhole Removable Cage with Circumferentially Disposed Instruments
12415188	85.0317	US	Pending	NOVADRILL, INC.	Downhole Percussive Tool with Alternating Pressure Differentials
12415315	85.0318	US	Pending	NOVADRILL, INC.	Downhole Percussive Tool with Alternating Pressure Differentials
12424853	85.0322	US	Pending	NOVADRILL, INC.	Resettable Actuator for Downhole Tool
12424901	85.0323	US	Pending	NOVADRILL, INC.	Resettable Actuator for Downhole Tool
12432109	85.0326	US	Pending	NOVADRILL, INC.	Drill Bit Cutter Pocket Restitution
12473416	85.0327	US	Pending	NOVADRILL, INC.	Downhole Acoustic Receiver with Canceling Element
12473444	85.0328	US	Pending	NOVADRILL, INC.	Flow Guide Actuation
12473473	85.0329	US	Pending	NOVADRILL, INC.	Flow Guide Actuation
12491149	85.0330	US	Pending	NOVADRILL, INC.	Lead the Bit Rotary Steerable System
12511185	85.0337	US	Pending	NOVADRILL, INC.	Downhole Tool Actuation having a Seat with a Fluid By-Pass
12511209	85.0338	US	Pending	NOVADRILL, INC.	Downhole Tool Actuation having a Seat with a Fluid By-Pass
12/550,501	85.0340	US	Pending	NOVADRILL, INC.	Circumferentially Spaced Magnetic Field Generating Devices
12/575,237	85.0341	US	Pending	NOVADRILL, INC.	Low Stress Threadform with a Non-Conic Section Curve
12/578,916	85.0342	US	Pending	NOVADRILL, INC.	A Fixed Bladed Drill Bit Force Balanced by Blade Spacing

Ref. No.	Docket	Country	Status	Assignee (USPTO)	Title
12/608,744	85.0345	US	Pending	NOVADRILL, INC.	A Ratchet Mechanism in a Fluid Actuated Device
12/614,668	85.0346	US	Pending	NOVADRILL, INC.	Sensor for Determining a Position of a Jack Element
12/614,635	85.0347	US	Pending	NOVADRILL, INC.	Magnetic Field Deflector in an Induction Resistivity Tool
12/616,200	85.0351	US	Pending	NOVADRILL, INC.	Downhole Tool String Component that is Protected from Drilling Stresses
12/624,207	85.0355	US	Pending	NOVADRILL, INC.	Turbine Driven Hammer that Oscillates at a Constant Frequency
7506701	85.0047-1	US	Granted	NOVADRILL, INC.	Drill bit assembly for directional drilling