

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Gordon A. Tibbitts	04/01/2010
<b>RECEIVING PARTY DATA</b>	
Name:	PDTI Holdings, LLC
Street Address:	5611 Baird Court
City:	Houston
State/Country:	TEXAS
Postal Code:	77041
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12752897
<b>CORRESPONDENCE DATA</b>	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Email:	vocanas@arnold-iplaw.com
Correspondent Name:	ARNOLD & KNOBLOCH, L.L.P.
Address Line 1:	4900 Woodway Dr., Suite 900
Address Line 4:	HOUSTON, TEXAS 77056
ATTORNEY DOCKET NUMBER:	32349US
NAME OF SUBMITTER:	Valerie Ocanas authorized by GTA
Total Attachments: 1 source=Executed_Assignment_Tibbitts#page 1.tif	

CH \$40.00 12752897

ORIGINAL ASSIGNMENT

For valuable consideration, I

Gordon A. Tibbitts of  
(Type name of inventor)

Residence Address:

1378 Lakewood Circle  
Murray, UT 84177  
U.S.A.

Citizenship:

the below signed joint inventor(s) of record, hereby assign to

**PDTI Holdings, LLC**

a corporation having a place of business at

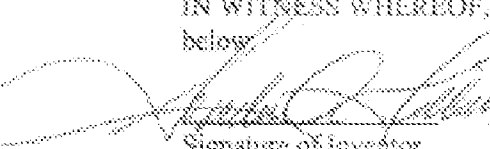
5611 Baird Court  
Houston, TX 77041  
U.S.A.

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the described and/or claimed in an application for United States Patent having the attorney docket number of P32349US entitled

**"Impact Excavation System Having A Drill Bit Discharging In A Cross-Over Pattern"**

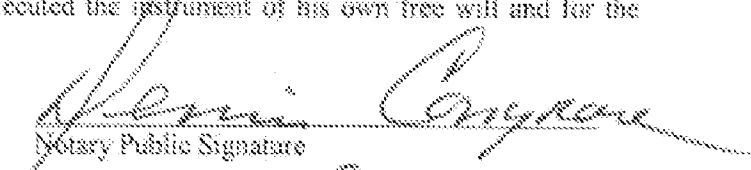
This assignment includes said application, any and all United States and foreign patents, utility models, design registrations, inventor's certificates and other similar rights granted for any of said inventions or improvements (including continuations, continuations-in-part, and divisional), and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. I hereby authorize the Assignee to apply in all countries in my name, or in its own name, for patents, utility models, design registrations and like rights of exclusion and for inventor's certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assignees, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereby set my hand, date of signature and place of signature as indicated below:

	<u>Gordon A. Tibbitts</u>	<u>1 APRIL 2010</u>	<u>SALT LAKE CITY, SALT LAKE</u>
Signature of Inventor	Typed Name	Date of Signature	Place of Signature City, Country

BEFORE ME, the undersigned authority, on the day and year above specified, personally appeared Gordon A. Tibbitts, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged to me that he executed the instrument of his own free will and for the purposes and consideration therein expressed.

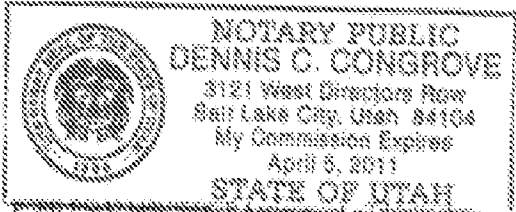
Notary Public [SEAL]



Notary Public Signature

DENNIS CONGROVE

Printed Name of Notary Public



PATENT