# PATENT ASSIGNMENT

# Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PART	Y DATA				
Name			Execution Date		
J Scott Roberts		02/24/2012			
Concurrent Technologies Corporation Foundation			02/03/2012		
Ryan Abbott			01/31/2012		
Daniar Hussain			02/24/2012		
Steven Malliaris			02/24/2012		
James B Miller			02/01/2012		
Lou Crocco			02/24/2012		
Frank W Cooper Jr			02/09/2012		
State/Country:	PENNSYLVA				
State/Country: Postal Code: PROPERTY NUMBE	15904				
Postal Code:	15904 ERS Total: 1	Numt			
Postal Code: PROPERTY NUMBE	15904 ERS Total: 1 Type		ber		
Postal Code: PROPERTY NUMBE Property Application Number CORRESPONDENC Fax Number: Phone: Email:	15904         ERS Total: 1         Type         r:         CE DATA         (866)758         1-617-88         company         // be sent to the e	Numt 13342186 5-5714			
Postal Code: PROPERTY NUMBE Property Application Number CORRESPONDENC Fax Number: Phone: Email: <i>Correspondence will</i> <i>via US Mail.</i>	15904         ERS Total: 1         Type         r:         CE DATA         (866)755         1-617-85         company         I/ be sent to the e         ne:       America         307 S Di	Numt 13342186 5-5714 99-9709 y@american-patent-agency.com <i>i-mail address first; if that is unsuccessf</i>			

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ATTORNEY DOCKET NUMBER:	HC-1003			
NAME OF SUBMITTER:	Daniar Hussain			
Total Attachments: 17 source=Dan_Hussain_HydroConfidence_Ass source=Dan_Hussain_HydroConfidence_Ass source=Frank_Cooper_CTC_Foundation_H source=Frank_Cooper_CTC_Foundation_H source=Frank_Cooper_CTC_Foundation_H source=Frank_Cooper_CTC_Foundation_H source=Frank_Cooper_CTC_Foundation_H source=Jim_Miller_HydroConfidence_Assig source=Jim_Miller_HydroConfidence_Assig source=Lou_Crocco_HydroConfidence_Assig source=Ryan_Abbott_HydroConfidence_Assis source=Ryan_Abbott_HydroConfidence_Assis	signment#page2.tif ydroConfidence_Assignment#page1.tif ydroConfidence_Assignment#page2.tif ydroConfidence_Assignment#page3.tif ydroConfidence_Assignment#page4.tif ydroConfidence_Assignment#page5.tif nment#page1.tif nment#page2.tif ignment#page2.tif signment#page2.tif signment#page2.tif			
source=Scott_Roberts_HydroConfidence_Assignment#page1.tif source=Steve_Malliaris_HydroConfidence_Assignment#page1.tif source=Steve_Malliaris_HydroConfidence_Assignment#page2.tif				

WHEREAS, I, DANIAR HUSSAIN, a citizen of the United States, residing at 307.5 Dithridge Street, Unit 011, Pittsburgh, PA 15213, have invented certain inventions and improvements disclosed in an application for patent entitled "SYSTEMS AND METHODS FOR MONITORING GROUNDWATER, ROCK, AND CASING FOR PRODUCTION FLOW AND LEAKAGE OF HYDROCARBON FLUIDS," filed in the United States Patent and Trademark Office on January 02, 2012 and assigned Application Number 13/342,186;

WHEREAS, HVDROCONFIDENCE INC., a corporation of the State of Delaware having a principle place of business at <u>100 CTC Drive</u>, Johnstown, PA 15904, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of One Dollar (\$1,00) and other good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, DANIAR. HUSSAIN by these presents do selt assign and transfer unto HYDROCONFIDENCE INC., the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, and reissnes thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and I hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, or reissue thereof, to HYDROCONFIDENCE INC., as the assignee, for its interest and for the sole use and benefit of **HYDROCONFIDENCE** INC., and its assigns and legal representatives:

AND, for the same consideration, I agree to sign all lawful papers, execute all division, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **HYDROCONFIDENCE INC.**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

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DANIAR HUSSAIN

#### STATE OF PENNSYLVANIA

Before me, a Notary Public in and for the State of Pennsylvania, on this  $24^{2}$  day of February 2012, personally appeared **DANIAR HUSSAIN**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

NOTARY PUBLIC

(SEAL)

My Commission Expires:

HOTAHAR SEAL Shallo M. Estep, Natory Public. Johnstown, Combrid County, PA My Commission Explices Merch 1, 2013

Page 2 of 2

WHEREAS, I, FRANK W. COOPER, JR., a citizen of the United States, residing at <u>325 Graystone Lane, Johnstown, PA 15905</u> and employed by Concurrent Technologies Corporation Foundation, located at <u>100 CTC Drive, Johnstown, PA 15904</u>, have invented certain inventions and improvements disclosed in an application for patent entitled "SYSTEMS AND METHODS FOR MONITORING GROUNDWATER, ROCK, AND CASING FOR PRODUCTION FLOW AND LEAKAGE OF HYDROCARBON FLUIDS," filed in the United States Patent and Trademark Office on January 02, 2012 and assigned Application Number 13/342,186;

WHEREAS, CONCURRENT TECHNOLOGIES CORPORATION FOUNDATION, a corporation of the State of Pennsylvania having a principle place of business at <u>100 CTC Drive, Johnstown, PA 15904</u>, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, FRANK W. COOPER, JR. by these presents do sell, assign and transfer unto CONCURRENT TECHNOLOGIES CORPORATION FOUNDATION, the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and I hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, or reissue thereof, to CONCURRENT TECHNOLOGIES CORPORATION FOUNDATION, as the assignee, for its interest and for the sole use and benefit of CONCURRENT TECHNOLOGIES CORPORATION FOUNDATION, and its assigns and legal representatives;

Page 1 of 2

AND, for the same consideration, I agree to sign all lawful papers, execute all division, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid CONCURRENT TECHNOLOGIES CORPORATION FOUNDATION, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

FRANK WILLIAM COOPER, JR.

### STATE OF PENNSYLVANIA

Before me, a Notary Public in and for the State of Pennsylvania, on this  $2\pi$  day of February 2012, personally appeared **FRANK COOPER**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

COMMONWEALTH OF PENNSYLVANIA My Commission Expires NOTARIAL SEAL Margaret L. Cavanaugh, Notary Public Richland Twp., Cambria County My Commission Expires November 23, 2013

(SEAL)

Page 2 of 2

WHEREAS, CONCURRENT TECHNOLOGIES CORPORATION FOUNDATION, a corporation of the State of Pennsylvania having a principle place of business at <u>100 CTC Drive, Johnstown, PA 15904</u>, is an assignee of Frank Cooper's rights to an application for patent entitled "SYSTEMS AND METHODS FOR MONITORING GROUNDWATER, ROCK, AND CASING FOR PRODUCTION FLOW AND LEAKAGE OF HYDROCARBON FLUIDS," filed in the United States Patent and Trademark Office on January 02, 2012 and assigned Application Number 13/342,186;

WHEREAS, HYDROCONFIDENCE INC., a corporation of the State of Delaware having a principle place of business at <u>100 CTC Drive, Johnstown, PA 15904</u>, is desirous of acquiring an interest in the same;

**NOW, THEREFORE**, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which it hereby acknowledges, **CONCURRENT TECHNOLOGIES CORPORATION FOUNDATION.** by these presents does sell, assign and transfer unto **HYDROCONFIDENCE INC.**, the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and does hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, or reissue thereof, to **HYDROCONFIDENCE INC.**, as the assignee, for its interest and for the sole use and benefit of **HYDROCONFIDENCE INC.**, and its assigns and legal representatives;

For the same consideration, CONCURRENT TECHNOLOGIES CORPORATION FOUNDATION does by these presents sell, assign, and transfer to HYDROCONFIDENCE INC., the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the

Page 1 of 2

United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **HYDROCONFIDENCE INC.**, or its designee insofar as permitted by applicable law.

AND, for the same consideration, CONCURRENT TECHNOLOGIES CORPORATION FOUNDATION agrees to sign all lawful papers, execute all division, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid HYDROCONFIDENCE INC., its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

CONWAY JONES, CHAIRMAN OF THE FOUNDATION CONCURRENT TECHNOLOGIES CORPORATION FOUNDATION

### STATE OF PENNSYLVANIA

Bv:

Before me, a Notary Public in and for the State of Pennsylvania, on this \_\_\_\_\_\_day of February 2012, personally appeared **CONWAY JONES**, Chairman of the Foundation of Concurrent Technologies Corporation Foundation, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

NOTARY PUBLIC

(SEAL)

My Commission Expires:

Page 2 of 2

### CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California	}
County of ARAMELA	۸
on 2/03/2012	before me, PHUONG H. NGVYEN, NOTHPY PUBLIC,
/ Date	Here Insert Name and Title of the Officer
personally appeared	Conterary Benjamin Junes, JR
	alay ya y



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/aré subscribed to the within instrument and acknowledged to me that he/shé/they executed the same in his/hér/their authorized capacity(ies), and that by his/hér/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal Signature Place Notary Seat Above **OPTIONAL** 

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

#### **Description of Attached Document**

Tille or Type of Document: ASSIGN ment of Patent	Application
	Number of Pages:
Signer(s) Other Than Named Above:	

### Capacity(ies) Claimed by Signer(s)

<ul> <li>Individual</li> <li>Corporate Officer — Title(s):</li> <li>Partner — C Limited C General</li> <li>Attorney in Fact</li> <li>Trustee</li> <li>Guardian or Conservator</li> </ul>	t <u>an an Sime</u> , J.A. Inconstruction Top of thank here	. Signer's Name: ☐ Individual ☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator	
Other: Signer Is Representing:		Other:	

WHEREAS, I, JAMES B. MILLER, a citizen of the United States, residing at <u>100</u> Denniston Ave., Apt. 51, Pittsburgh, PA 15206, have invented certain inventions and improvements disclosed in an application for patent entitled "SYSTEMS AND METHODS FOR MONITORING GROUNDWATER, ROCK, AND CASING FOR PRODUCTION FLOW AND LEAKAGE OF HYDROCARBON FLUIDS," filed in the United States Patent and Trademark Office on January 02, 2012 and assigned Application Number 13/342,186;

WHEREAS, HYDROCONFIDENCE INC., a corporation of the State of Delaware having a principle place of business at <u>100 CTC Drive</u>, Johnstown, PA 15904, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, MILLER by JAMES В. these presents do sell. assign and transfer unto HYDROCONFIDENCE INC., the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor, and I hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, or reissue thereof, to HYDROCONFIDENCE INC., as the assignee, for its interest and for the sole use and benefit of **HYDROCONFIDENCE INC.**, and its assigns and legal representatives;

Page 1 of 2

AND, for the same consideration, I agree to sign all lawful papers, execute all division, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **HYDROCONFIDENCE INC.**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

JAMES B. MILLER

#### STATE OF PENNSYLVANIA

Before me, a Notary Public in and for the State of Pennsylvania, on this  $\frac{15}{2000}$  day of February 2012, personally appeared JAMES B. MILLER, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

ARV PURLIC

(SEAL)

My Commission Expansion Seal CHRISTINA COWAR Notary Public Pittsburgh City, Allegheny Coumty My Commission Expires Mar 18, 2013

Page 2 of 2

WHEREAS, I. LOU CROCCO, a citizen of the United States, residing at <u>105 Milton</u> <u>Street, Johnstown, PA 15905</u>, have invented certain inventions and improvements disclosed in an application for patent entitled "SYSTEMS AND METHODS FOR MONITORING GROUNDWATER, ROCK, AND CASING FOR PRODUCTION FLOW AND LEAKAGE OF HYDROCARBON FLUIDS," filed in the United States Patent and Trademark Office on January 02, 2012 and assigned Application Number 13/342,186;

WHEREAS, HYDROCONFIDENCE INC., a corporation of the State of Delaware having a principle place of business at <u>100 CTC Drive</u>, Johnstown, PA 15904, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, LOU CROCCO by these presents do sell, assign and transfer unto HYDROCONFIDENCE INC.. the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and I hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, or reissue thereof, to HYDROCONFIDENCE INC., as the assignee, for its interest and for the sole use and benefit of HYDROCONFIDENCE INC., and its assigns and legal representatives;

Page 1 of 2

AND, for the same consideration, I agree to sign all lawful papers, execute all division, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid HYDROCONFIDENCE INC. its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

### LOT CROCCO

#### STATE OF PENNSYLVANIA

Before me, a Notary Public in and for the State of Pennsylvania, on this 247 h day of February 2012, personally appeared LOU CROCCO, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

Mula J. Vary-NOTARY PUBLIC

(SEAL)

My Commission Expires:



Page 2 of 2

WHEREAS, I, RYAN ABBOTT, a citizen of the United States, residing at <u>172 Budd</u> <u>Avenue, Campbell, CA 95008</u>, have invented certain inventions and improvements disclosed in an application for patent entitled "SYSTEMS AND METHODS FOR MONITORING GROUNDWATER, ROCK, AND CASING FOR PRODUCTION FLOW AND LEAKAGE OF HYDROCARBON FLUIDS," filed in the United States Patent and Trademark Office on January 02, 2012 and assigned Application Number 13/342,186;

WHEREAS, HYDROCONFIDENCE INC., a corporation of the State of Delaware having a principle place of business at <u>100 CTC Drive, Johnstown, PA 15904</u>, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, RYAN ABBOTT by these presents do sell, assign and transfer unto HYDROCONFIDENCE INC., the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and I hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, or reissue thereof, to HYDROCONFIDENCE INC., as the assignee, for its interest and for the sole use and benefit of HYDROCONFIDENCE INC., and its assigns and legal representatives;

**AND**, for the same consideration, I agree to sign all lawful papers, execute all division, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **HYDROCONFIDENCE INC.**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

RYAN ABBOTT

#### STATE OF CALIFORNIA

Jow Before me, a Notary Public in and for the State of California, on this <u>3</u> day of <u>February</u> 2012, personally appeared **RYAN ABBOTT**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(SEAL)

### NOTARY PUBLIC

My Commission Expires:

COMM. # 1874285 ART FURDO - CALIFORNIA - Š SANTA CLARA GOUNTV My Comm. Exp. Sec. 24, 6313 an istantin in the Numera 

Page 2 of 2

WHEREAS, I, J. SCOTT ROBERTS, a citizen of the United States, residing at <u>842</u> <u>Viewmont Ave., Johnstown, PA 15905</u>, have invented certain inventions and improvements disclosed in an application for patent entitled "SYSTEMS AND METHODS FOR MONITORING GROUNDWATER, ROCK, AND CASING FOR PRODUCTION FLOW AND LEAKAGE OF HYDROCARBON FLUIDS," filed in the United States Patent and Trademark Office on January 02, 2012 and assigned Application Number 13/342,186;

WHEREAS, HYDROCONFIDENCE INC., a corporation of the State of Delaware having a principle place of business at <u>100 CTC Drive. Johnstown, PA 15904</u>, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I. J. SCOTT ROBERTS by these presents do sell, assign and transfer unto HYDROCONFIDENCE INC., the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and I hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, or reissue thereof, to HYDROCONFIDENCE INC., as the assignee, for its interest and for the sole use and benefit of HYDROCONFIDENCE INC., and its assigns and legal representatives;

Page 1 of 2

AND, for the same consideration, I agree to sign all lawful papers, execute all division, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid HYDROCONFIDENCE INC., its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

J. SĆOTT ROBERTS

### STATE OF PENNSYLVANIA

Before me, a Notary Public in and for the State of Pennsylvania, on this  $\underline{-247}$ of February 2012, personally appeared J. SCOTT ROBERTS, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

Amela & Marzell NOTARX PUBLIC

(SEAL)

My Commission Expires:



Page 2 of 2

WHEREAS, I, STEVEN MALLIARIS, a citizen of the United States, residing at 646 Orange Street, Apt. 2D. New Haven, CT 06511, have invented certain inventions and improvements disclosed in an application for patent entitled "SYSTEMS AND METHODS FOR MONITORING GROUNDWATER, ROCK, AND CASING FOR PRODUCTION FLOW AND LEAKAGE OF HYDROCARBON FLUIDS," filed in the United States Patent and Trademark Office on January 92, 2012 and assigned Application Number 13/342,186;

WHEREAS, HYDROCONFIDENCE INC., a corporation of the State of Delaware having a principle place of business at <u>100 CTC Drive, Johnstown, PA 15904</u>, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, STEVEN MALLIARIS by these presents do sell, assign and transfer unto HVDROCONFIDENCE INC., the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and I hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, or reissue thereof, to HYDROCONFIDENCE INC., as the assignee, for its interest and for the sole use and benefit of HYDROCONFIDENCE INC., and its assigns and legal representatives:

AND, for the same consideration, I agree to sign all lawful papers, execute all division, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **HYDROCONFIDENCE** INC., its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

TEVEN MALLIARIS

### STATE OF PENNSYLVANIA

Before me, a Notary Public in and for the State of Pennsylvania, on this 24<sup>th</sup>day of February 2012, personally appeared **STEVEN MALLIARIS**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

NOTARY PUBLIC

(SEAL)

My Commission Expires:

HOTARIAL SEAL Shello M. Eslep, Natory Public Johnstown, Combrid County, PA My Commission Explose March 4, 2013

Page 2 of 2

PATENT REEL: 028334 FRAME: 0705

**RECORDED: 06/07/2012**