

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Paul SAVA</td> <td>08/29/2012</td> </tr> <tr> <td>Francesco PERRONE</td> <td>08/29/2012</td> </tr> <tr> <td>Clara ANDREOLETTI</td> <td>09/05/2012</td> </tr> <tr> <td>Nicola BIENATI</td> <td>09/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Paul SAVA	08/29/2012	Francesco PERRONE	08/29/2012	Clara ANDREOLETTI	09/05/2012	Nicola BIENATI	09/05/2012		
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<table border="1"> <tr> <td>Name:</td> <td>COLORADO SCHOOL OF MINES</td> </tr> <tr> <td>Street Address:</td> <td>1500 Illinois Street, Office of Technology Transfer</td> </tr> <tr> <td>Internal Address:</td> <td>Guggenheim Hall, Room #140</td> </tr> <tr> <td>City:</td> <td>Golden</td> </tr> <tr> <td>State/Country:</td> <td>COLORADO</td> </tr> <tr> <td>Postal Code:</td> <td>80401-1887</td> </tr> </table>		Name:	COLORADO SCHOOL OF MINES	Street Address:	1500 Illinois Street, Office of Technology Transfer	Internal Address:	Guggenheim Hall, Room #140	City:	Golden	State/Country:	COLORADO	Postal Code:	80401-1887
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CORRESPONDENCE DATA													
<p>Fax Number: 3038630223</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 303-863-9700</p> <p>Email: shouse@sheridanross.com</p> <p>Correspondent Name: SHERIDAN ROSS P.C.</p> <p>Address Line 1: 1560 Broadway</p> <p>Address Line 2: Suite 1200</p> <p>Address Line 4: Denver, COLORADO 80202</p>													
ATTORNEY DOCKET NUMBER:	4843-64-PCT												
NAME OF SUBMITTER:	Jason H. Vick												
<p>Total Attachments: 2</p> <p>source=Executed_Assignment#page1.tif</p> <p>source=Executed_Assignment#page2.tif</p>													

CH \$40.00 US2012046380

Worldwide Assignment

WHEREAS, I/We Paul SAVA, Francesco PERRONE, Clara ANDREOLETTI and Nicola BIENATI, have made an invention entitled "WAVE-EQUATION MIGRATION VELOCITY ANALYSIS USING IMAGE WARPING" for which I/We have prepared an application for Letters Patent of the United States, or filed an application for Letters Patent of the United States on July 12, 2011 under Application No. 61/506,968 and on July 12, 2012, under Application No. PCT/US12/46380; and

WHEREAS, COLORADO SCHOOL OF MINES ("ASSIGNEE"), a corporation or other business entity duly registered in the State/Country of Colorado, whose address is Office of Technology Transfer, Guggenheim Hall, Room #140, 1500 Illinois Street, Golden, Colorado 80401-1887, UNITED STATES, desires to acquire the entire right, title, and interest in and to the invention, the application, and any Letters Patent to be granted for the invention in the United States and in all foreign countries;

NOW, THEREFORE, in view of good and valuable consideration, paid to me/us by ASSIGNEE, the receipt and sufficiency of which I/We acknowledge, I/We, have sold, assigned, transferred, and set over, and do 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 invention, the application, all applications claiming benefit of the application, including, but not limited to, all divisions and continuation of the application, and all Letters Patent that may be granted thereon in the United States, and in all foreign countries, and all reissues thereof, together with the right to claim priority under the International Convention in all member countries; and I/We authorize and request the Director of Patents and Trademarks to issue all Letters Patent for the invention to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment;

AND I/We covenant and agree that I/We have the full right to convey the entire right, title, and interest herein assigned and that I/We have not executed and will not execute any assignment or other instrument in conflict with this Assignment;

AND I/We further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, I/We will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the invention in the United States and in all foreign countries, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns any facts known to me/us regarding the invention, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns;

AND I/We further hereby authorize ASSIGNEE, or its attorneys or agents, to insert the correct Application Number and filing Date into this Assignment, if none is indicated on that date of my/our execution of this agreement.

IN WITNESS WHEREOF, I/We have executed this Assignment on the date(s) indicated below.

Signature: Paul Sava
 Date: 8/29/2012
 Full Name: Paul Sava
 Address: 17 Willowleaf Drive
Littleton, Colorado 80127
UNITED STATES

Signature: Francesco Perrone
 Date: 8/29/2012
 Full Name: Francesco Perrone
 Address: 605 21st Street, Unit D
Golden, Colorado 80401
UNITED STATES

Signature: Clara Andreoletti
Date: 05/03/12
Full Name: Clara Andreoletti
Address: Via Martiri di Cefalonia 40/b
20097 San Donato Milanese
ITALY

Signature: Nicola Blenati
Date: 05/03/12
Full Name: Nicola Blenati
Address: Via Marconi 27/A
21040 Origgio
ITALY