

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Klaus Juergen Schoepf</td> <td>03/25/2011</td> </tr> <tr> <td>Reimund Rebel</td> <td>03/25/2011</td> </tr> <tr> <td>Jan H. Kuypers</td> <td>02/17/2011</td> </tr> </tbody> </table>		Name	Execution Date	Klaus Juergen Schoepf	03/25/2011	Reimund Rebel	03/25/2011	Jan H. Kuypers	02/17/2011
Name	Execution Date								
Klaus Juergen Schoepf	03/25/2011								
Reimund Rebel	03/25/2011								
Jan H. Kuypers	02/17/2011								
RECEIVING PARTY DATA									
Name:	Sand 9, Inc.								
Street Address:	One Kendall Square								
Internal Address:	Suite B2305								
City:	Cambridge								
State/Country:	MASSACHUSETTS								
Postal Code:	02139-1594								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13410917</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13410917				
Property Type	Number								
Application Number:	13410917								
CORRESPONDENCE DATA									
Fax Number:	(617)646-8646								
Phone:	6176468000								
Email:	mchiusano@wolfgreenfield.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Robert H. Walat								
Address Line 1:	600 Atlantic Avenue								
Address Line 2:	Wolf, Greenfield & Sacks, P.C.								
Address Line 4:	Boston, MASSACHUSETTS 02210-2206								
ATTORNEY DOCKET NUMBER:	G0766.70029US01								
NAME OF SUBMITTER:	Melanie Chiusano								

OP \$40.00 13410917

Total Attachments: 4

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to Sand9, Inc., a Delaware corporation having a place of business at One Kendall Square; Suite B2305; Cambridge, Massachusetts 02139-1594, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on December 23, 2010 under No. 12/977,367, bearing Attorney Docket No. G0766.70029US00, and entitled OSCILLATORS HAVING ARBITRARY FREQUENCIES AND RELATED SYSTEMS AND METHODS, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

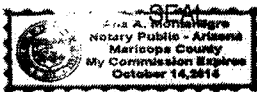
2234180.1

03/25/11
Date

Klaus Juergen Schoepf
Inventor: Klaus Juergen Schoepf
Address: 3153 E. Buena Vista Drive
Chandler, AZ 85249
Citizenship: Germany

STATE/Commonwealth of Arizona
COUNTY OF Maricopa:

On this 25th day of March, 2011, before me, the undersigned notary public, personally appeared Klaus Juergen Schoepf, proved to me through satisfactory evidence of identification, which ~~were~~ ^{was} valid AZ Driver's License to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (~~her~~) knowledge and belief and acknowledged to me that (he) (~~she~~) signed it voluntarily for its stated purpose.



[Signature]
Notary Public

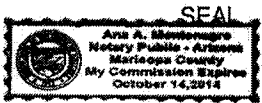
My commission expires: October 14, 2014

03/25/2011
Date

Reimund Rebel
Inventor: Reimund Rebel
Address: 18198 N. Alicia Ct.
Maricopa, AZ 85138
Citizenship: Germany

STATE/Commonwealth of Arizona
COUNTY OF Maricopa:

On this 25th day of March, 2011, before me, the undersigned notary public, personally appeared Reimund Rebel, proved to me through satisfactory evidence of identification, which ~~were~~ was Az valid driver's license, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (~~her~~) knowledge and belief and acknowledged to me that (he) (~~she~~) signed it voluntarily for its stated purpose.



[Signature]
Notary Public

My commission expires: October 14, 2011

2/17/2011
Date

[Signature]
Inventor: Jan H. Kuypers
Address: 36 Fairmont Street, Apt. 2
Cambridge, MA 02139
Citizenship: United Kingdom

STATE/Commonwealth of MASS
COUNTY OF Middlesex:

On this 17th day of FEB, 2011, before me, the undersigned notary public, personally appeared Jan H. Kuypers, proved to me through satisfactory evidence of identification, which were Drivers License, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL [Signature]
Notary Public
My commission expires: 8/11/17



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