

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
CHUN-CHE CHANG		03/04/2014
RECEIVING PARTY DATA		
Name:	METANOIA COMMUNICATIONS INC.	
Street Address:	3F, NO. 12, INNOVATION ROAD 1, SCIENCE PARK	
City:	HSINCHU	
State/Country:	TAIWAN	
Postal Code:	300	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14196739	
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	META.0012US	
NAME OF SUBMITTER:	ANDY M. HAN	
Signature:	/Andy M. Han, Reg. No. 60,266/	
Date:	03/04/2014	
Total Attachments: 2 source=META_0012US_Assignment#page1.tif source=META_0012US_Assignment#page2.tif		

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number.....  
 Filing Date.....  
 Inventorship ..... Chun-Che Chang  
 Applicant..... Metanoia Communications Inc.  
 Attorney's Docket No. .... META.0012US  
 Applicant Reference No. ....  
 Title: **DYNAMIC BANDWIDTH ALLOCATION IN OFDM COMMUNICATION SYSTEMS**

## PATENT ASSIGNMENT

### PARTIES TO THE ASSIGNMENT

#### Assignor(s):

1. Chun-Che Chang

#### Assignee:

Metanoia Communications Inc.  
 3F, No. 12, Innovation Road 1, Science Park  
 Hsinchu 300, Taiwan, R.O.C.

### AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled  
**"DYNAMIC BANDWIDTH ALLOCATION IN OFDM COMMUNICATION SYSTEMS"**

for which:

☐ a provisional application for United States Letters Patent was filed on  
**12 March 2013** and was given U.S. Serial No. **61/778,232** and/or


☒ a non-provisional application for United States Letters Patent was:

☐ filed on \_\_\_\_\_ and was given U.S. Serial No. \_\_\_\_\_; or filed  
 concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal  
 representatives, of **Han IP Corporation, 4790 Irvine Boulevard Suite 105-347, Irvine, CA  
 92620**, who are associated with customer number **13859**, to handle all matters related to the  
 above-identified application.

WHEREAS, Metanoia Communications Inc. (hereinafter referred to as ASSIGNEE), a corporation  
 of Taiwan, R.O.C. having a place of business at 3F, No. 12, Innovation Road 1, Science Park,  
 Hsinchu 300, Taiwan, R.O.C., is desirous of acquiring the entire right, title and interest in and to  
 the invention and in and to any letters patent that may be granted therefore in the United States  
 and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of  
 which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE,  
 the entire right, title and interest in and to said invention, said application and any and all letters  
 patent which may be granted for said invention in the United States of America and its territorial  
 possessions and in any and all foreign countries, and in any and all divisions, reissues and  
 continuations thereof, including the right to file foreign applications directly in the name of  
 ASSIGNEE and to claim priority rights deriving from said United States application to which said  
 foreign applications are entitled by virtue of international convention, treaty or otherwise, said  
 invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE  
 and its successors and assigns for their use and benefit and of their successors and assigns as  
 fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this  
 assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the  
 Commissioner of Patents and Trademarks to issue all letters patent on said invention to  
 ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the  
 making and prosecution of applications for United States and foreign letters patent on said

invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

Legal Name of 1 <sup>st</sup> Inventor: <b>Chun-Che Chang</b>	
Inventor's Signature: 	Date:  March 4, 2014
Residence: Hsinchu, Taiwan, R.O.C.	
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