

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2665271

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
Name		Execution Date	
UNIVERSIDADE DE AVEIRO		12/12/2013	
RECEIVING PARTY DATA			
Name:	INSTITUTO DE TELECOMUNICACOES		
Street Address:	AVENIDA ROVISCO PAIS		
Internal Address:	NO. 1		
City:	LISBOA		
State/Country:	PORTUGAL		
Postal Code:	P-1049-001		
PROPERTY NUMBERS Total: 1			
Property Type	Number		
Application Number:	13808996		
CORRESPONDENCE DATA			
Fax Number:	(646)878-0801		
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>			
Correspondent Name:	PEARL COHEN ZEDEK LATZER BARATZ LLP		
Address Line 1:	1500 BROADWAY		
Address Line 2:	12TH FLOOR		
Address Line 4:	NEW YORK, NEW YORK 10036		
NAME OF SUBMITTER:	AMBER HYPPOLITE		
Signature:	/AH/		
Date:	01/02/2014		
Total Attachments: 2 source=SIGNED ASSIGNMENT 12DEC13#page1.tif source=SIGNED ASSIGNMENT 12DEC13#page2.tif			

ASSIGNMENT

In consideration of One Dollar (1.00), and other good and valuable consideration, the Receipt of which is hereby acknowledged, we the undersigned, UNIVERSIDADE DE AVEIRO, a company located at EDIFICIO CENTRAL DA REITORIA CAMPUS, UNIVERSITARIO DE SANTIAGO, AVEIRO, P-3810-193 PORTUGAL,

Hereby sell, assign and transfer to INSTITUTO DE TELECOMUNICACOES, a company located at AVENIDA ROVISCO PAIS, NO. 1, LISBOA, P-1049-001 PORTUGAL, its successors, assigns and legal representatives (hereinafter, the "Assignee"), its entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed in the application for U.S. Serial No. 13/808,996 filed January 8, 2013 and entitled

**PHOTONIC SYSTEM AND METHOD FOR TUNABLE BEAMFORMING OF THE
ELECTRIC FIELD RADIATED BY A PHASED ARRAY ANTENNA**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions; and including the Assignor's right in and to all revenue, income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or


the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Executed by:

UNIVERSIDADE DE AVEIRO

[Signature]



[Name]

CARLOS DE PASCOAL NETO

[Position]

VICE - RECTOR

Witness:



[Signature]

Luis Ricardo Lebreiro Caixinhas

[Name]

R. Antonio Ferreira N.º 3 - 3.º ESQ - 1100 LA

[Address]

12/12/2013

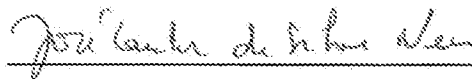
[Date]

[day / month / year]

Executed by:

INSTITUTO DE
TELECOMUNICACOES

[Signature]



[Name]

[Position]

José Carlos de Silva Naves
Member of the Board of Directors

Witness:



[Signature]

Luis Ricardo Lebreiro Caixinhas

[Name]

R. Antonio Ferreira N.º 3 - 3.º ESQ - 1100 LA

[Address]

12/12/2013

[Date]

[day / month / year]

