504976408 06/25/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID BRITZ	08/18/2010
ROBERT R. MILLER II	08/18/2010

RECEIVING PARTY DATA

Name:	AT&T INTELLECTUAL PROPERTY I, L.P.	
Street Address:	675 WEST PEACHTREE STREET	
City:	ATLANTA	
State/Country:	GEORGIA	
Postal Code:	30308	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16017868

CORRESPONDENCE DATA

Fax Number: (732)542-2283

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 7325422280

Email: tnewman@trbklaw.com

Correspondent Name: AT&T LEGAL DEPARTMENT - TRBK

Address Line 1: ONE AT&T WAY
Address Line 2: ROOM 2A-212

Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER:	2009-0721CON4	
NAME OF SUBMITTER:	TARA NEWMAN	
SIGNATURE:	/T. Newman/	
DATE SIGNED:	06/25/2018	

Total Attachments: 3

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PATENT 504976408 REEL: 046196 FRAME: 0975

ASSIGNMENT AND AGREEMENT

For value received, we, David Britz of Rumson in the County of Monmouth and State of New Jersey, and Robert R. Miller of Convent Station in the County of Morris and the State of New Jersey, hereby sell, assign and transfer to AT&T Intellectual Property I, L.P., a partnership organized and existing under the laws of the State of Nevada, having a place of business at 645 E. Plumb Lane, Reno, Nevada 89502, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to METHOD AND **APPARATUS** FOR DYNAMICALLY PROCESSING ELECTROMAGNETIC BEAM, described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to AT&T Intellectual Property I, L.P. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize AT&T Intellectual Property I, L.P. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Intellectual Property I, L.P. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to AT&T Intellectual Property I, L.P. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Intellectual Property I, L.P. may designate.

We agree that, when requested, we shall, without charge to AT&T Intellectual Property I, L.P. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

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Date: Quy 18 200	DAVID BRITZ
County of Morriso State of New years))
On this $\frac{16}{}$ day of	to be the individual described in and who executed viedged execution of the same.
	Robin J. Dandon

ROBBIT L BADDERS
ED 9 2220046
ROUMY PHEICOFNEW ESSEY
COUNSEIN PARTON 1/20/2033

Date: August 18 2010	Kohn K. Mini To
<i>Saio.</i>	ROBERT R. MILLER II
County of Norms) State of Veriferally)	
On this day of came ROBERT R. MILLER II, to me k executed the foregoing instrument, and	ARCHAEL

ROBERT L. BADDERS

ED # 2220046

RECEIVEY PUBLIC OF NEW ESSEY

Commission Express 11/30/2013