504333797 04/24/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4380484

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	ΔΤΑ	· ·			
		Name	Execution Date		
MICHAEL HEUBEL			08/15/2002		
ANDREW CLEGG			08/15/2002		
RECEIVING PARTY D	ΑΤΑ				
Name:		CINGULAR WIRELESS, L.L.C.			
Street Address:	5565 GLE	ENRIDGE CONNECTOR			
Internal Address:	SUITE 17	700			
City:	ATLANT	4			
State/Country:	GEORGI	A			
Postal Code:	30342				
Property Type		Number 2123283			
PROPERTY NUMBER	S Total: 2				
Application Number:	12	2753882			
CORRESPONDENCE DATA					
	(9	08\532-1991			
Fax Number:	•	08)532-1991 he e-mail address first; if that is unsuc e	cessful, it will be sent		
Fax Number: Correspondence will using a fax number, if	be sent to t f provided;	he e-mail address first; if that is unsuc if that is unsuccessful, it will be sent vi			
Fax Number: <i>Correspondence will I using a fax number, if</i> Phone:	be sent to t f provided; 90	he e-mail address first; if that is unsuc if that is unsuccessful, it will be sent vi 085321918			
Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email:	be sent to t f provided; 90 jo	<i>he e-mail address first; if that is unsuc</i> <i>if that is unsuccessful, it will be sent vi</i> 085321918 di@hciplaw.com	a US Mail.		
Fax Number: <i>Correspondence will a using a fax number, if</i> Phone: Email: Correspondent Name	be sent to t f provided; 90 jo i A ⁻	<i>he e-mail address first; if that is unsuc</i> <i>if that is unsuccessful, it will be sent vi</i> 085321918 di@hciplaw.com T&T LEGAL DEPARTMENT - H&C ATTN	a US Mail.		
Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email:	be sent to t f provided; 90 jo : A ⁻ O	<i>he e-mail address first; if that is unsuc</i> <i>if that is unsuccessful, it will be sent vi</i> 085321918 di@hciplaw.com	a US Mail.		
Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1:	be sent to t f provided; 90 jo : A ^T O R	<i>he e-mail address first; if that is unsuct if that is unsuccessful, it will be sent vi</i> 085321918 di@hciplaw.com T&T LEGAL DEPARTMENT - H&C ATTN NE AT&T WAY	a US Mail.		
Fax Number: Correspondence will a using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	be sent to t f provided; 90 jo i : A ⁻ O R ¹ Bl	he e-mail address first; if that is unsuce if that is unsuccessful, it will be sent vi 085321918 di@hciplaw.com T&T LEGAL DEPARTMENT - H&C ATTN NE AT&T WAY OOM 2A-207	a US Mail.		
Fax Number: Correspondence will I using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	be sent to t f provided; 90 jo : A ^T 0 R ¹ BI IUMBER:	he e-mail address first; if that is unsuce if that is unsuccessful, it will be sent vi 085321918 di@hciplaw.com T&T LEGAL DEPARTMENT - H&C ATTN NE AT&T WAY OOM 2A-207 EDMINSTER, NEW JERSEY 07921	a US Mail.		
Fax Number: Correspondence will I using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	be sent to t f provided; 90 jo : A ^T 0 R ¹ BI IUMBER:	he e-mail address first; if that is unsuce if that is unsuccessful, it will be sent vi 085321918 di@hciplaw.com T&T LEGAL DEPARTMENT - H&C ATTN NE AT&T WAY OOM 2A-207 EDMINSTER, NEW JERSEY 07921 C02-0001-000CON & CON1	a US Mail.		
Fax Number: Correspondence will I using a fax number, if Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER	be sent to t f provided; 90 jo : A ^T 0 R ¹ BI IUMBER:	he e-mail address first; if that is unsuce if that is unsuccessful, it will be sent vi 085321918 di@hciplaw.com T&T LEGAL DEPARTMENT - H&C ATTN NE AT&T WAY OOM 2A-207 EDMINSTER, NEW JERSEY 07921 C02-0001-000CON & CON1 JODI L. HARTMAN	a US Mail.		
Fax Number: <i>Correspondence will using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE:	be sent to t f provided; 90 jo : A ^T 0 R ¹ BI IUMBER:	he e-mail address first; if that is unsuce if that is unsuccessful, it will be sent vi 085321918 di@hciplaw.com T&T LEGAL DEPARTMENT - H&C ATTN NE AT&T WAY OOM 2A-207 EDMINSTER, NEW JERSEY 07921 C02-0001-000CON & CON1 JODI L. HARTMAN /Jodi L. Hartman/	a US Mail.		
Fax Number: <i>Correspondence will I</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE: DATE SIGNED:	be sent to t f provided; 90 jo : A ^T 0 R B IUMBER: :	he e-mail address first; if that is unsuce if that is unsuccessful, it will be sent vi 085321918 di@hciplaw.com T&T LEGAL DEPARTMENT - H&C ATTN NE AT&T WAY OOM 2A-207 EDMINSTER, NEW JERSEY 07921 C02-0001-000CON & CON1 JODI L. HARTMAN /Jodi L. Hartman/ 04/24/2017	a US Mail.		

SOLE/JOINT INVENTION (Worldwide Rights) Cingular Ref. No. C02-0001-000

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

LAN BASED WIRELESS COMMUNICATIONS SYSTEM

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on [Date], 20[Year] (Serial No. [Text]); and

WHEREAS, Cingular Wireless, L.L.C., a corporation of Delaware whose post office address is 5565 Glenridge Connector, Suite 1700, Atlanta; Georgia 30342 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) In hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, tille, and interest in and to this invention, provisional application Serial No., filed (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and releases thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set my/our hands.

County of	Cobb) Name: Michael Heubel	
•) ss. Address: 3920 Remington Way	
) Marietta, GA 30986	
State of	Georgia	By: Menter //trali	
		Date: 18-15-012	
Subscribed	l and sworn to be	fore methls 15th day of August, 2002	

Notary Public, Cold County, Georgia My Commission Expires March 18, 2004

Page 1 of 2

PATENT REEL: 042320 FRAME: 0444

SOLE/JOINT INVENTION (Worldwide Rights) Cingular Ref. No. C02-0001-000

ł

County of	Fullon)	Name	: Andrew Clegg	
)	ss. Addre	ss: 1670 Misty River Run	
	ý		Roswell, GA 30076	
State of	Georgia)	By:	Alucy	
~~		Date:	8/15/02	
Subscribed	and sworn to before me this 19	5th day of Au	pust 2002	

Notary Public, Cobb County, Georgia My Commission Expires March 18, 2004

ţ

Page 2 of 2

RECORDED: 04/24/2017

٠,

PATENT REEL: 042320 FRAME: 0445