## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Heath Stallings	06/30/2008
Sok Y. Hwang	06/26/2008
Shadman Zafar	06/27/2008

#### **RECEIVING PARTY DATA**

Name:	Verizon Data Services, LLC	
Street Address:	One East Telecom Parkway	
Internal Address:	Mailcode B3E	
City:	Temple Terrace	
State/Country:	FLORIDA	
Postal Code:	33637	

#### PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12165411	

#### **CORRESPONDENCE DATA**

Fax Number: (703)351-3665

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 703-351-3586

Email: alg@advantedgelaw.com

Correspondent Name: VERIZON PATENT MANAGEMENT GROUP

Address Line 1: 1515 N. COURTHOUSE ROAD

Address Line 2: SUITE 500

Address Line 4: ARLINGTON, VIRGINIA 22201-2909

ATTORNEY DOCKET NUMBER: 20080024

NAME OF SUBMITTER: Jeffrey R. Jeppsen

Total Attachments: 3

PATENT REEL: 021174 FRAME: 0654

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## Page 1 of 1

#### ASSIGNMENT

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

I. have sold, assigned and transferred, and by the presents do hereby sell, assign, and transfer, to the Verizon legal entity identified below ("Assignee") and its successors and assigns, the entire right, title and interest in and to any and all improvements which are described in the application for United States Letters Patent entitled

# CAMERA DATA MANAGEMENT AND USER INTERFACE APPARATUSES, SYSTEMS, AND METHODS

Which has been executed by the u I/we hereby authorize and request the Assignee, its insert here in the parentheses (Application Number _ date and application number of said application when	, filed) the filing	
which was filed on an	d assigned Application No.	
and in and to said application, and all divisional, con all other application for Letters Patent which have bee countries on any of said improvements or based on sa patents which have been or shall be issued in the U applications, and in and to all rights of priority resulti and to all rights which may exist under the Intern Property to any of the foregoing;	n or shall be filed in the United States and all foreign id application; and in and to all original and reissued nited States and foreign countries from any of said ng from the filing of any of said applications; and in	
II. agree that said Assignee may apply for and receive Letters Patent for improvements in its own name; 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 undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent application on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors and assigns; and		
III. 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 identified has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.		
IN WITNESS to my/our agreement to the foregoing, I/we have executed this Assignment as set forth below:		
Verizon entity (Assignee): Verizon Data Services LLC, having a place of business at One East Telecom Parkway, Mail Code B3E, Temple Terrace, FL 33637.		
ASSIGNORS: Signature: Heath Stallings Signature: Sok Y. Hwang Signature: Shadman Zafar	Date:	

## ASSIGNMENT

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

I. have sold, assigned and transferred, and by the presents do hereby sell, assign, and transfer, to the Verizon legal entity identified below ("Assignee") and its successors and assigns, the entire right, title and interest in and to any and all improvements which are described in the application for United States Letters Patent entitled

# CAMERA DATA MANAGEMENT AND USER INTERFACE APPARATUSES, SYSTEMS, AND METHODS

	which has been executed by the undersig	ned concurrently here	with and in which case
	Time berehy outhorize and request the Assignee, its success	sors, assigns and/or b	egai representanves, to
	insert here in the parentheses (Application Number	, nica	the filing
	date and application number of said application when known.		
	which was filed on and assign	ted Application No.	
	and in and to said application, and all divisional, continuing all other application for Letters Patent which have been or shat countries on any of said improvements or based on said applipatents which have been or shall be issued in the United S applications, and in and to all rights of priority resulting from and to all rights which may exist under the International Property to any of the foregoing;	all be fried in the Count cation; and in and to : tates and foreign count the filing of any of :	all original and reissued attries from any of said said applications; and in
II. agr	when requested, without charge to, but at the expense of, sa representatives, to carry out in good faith the intent and pure execute all divisional, continuing, substitute, renewal, reissuall said improvements; execute all rightful oaths, assignmentating to said Assignee, its successors, assigns, and relating to said improvements and the history thereof; and Assignee, its successors, assigns or representatives shall emaintaining proper patent protection for said improvements all applications for patents and all patents on said improvements assigns; and	nd Assignee, his succe pose of this Assignme e, and all other patent cents, powers of atto epresentatives, all fact generally do everythi onsider desirable for and for vesting title to	nt, the undersigned will application on any and rney and other papers; sknown to undersigned ing possible which said aiding in securing and said improvements and
Ш. соч	venant with said Assignee, its successors, assigns and legal mortgage, license, or other agreement affecting the rights and others by the undersigned, and that full right to convey the undersigned.	и ргорску ветен наса	Tritter has over made to
IN WII	INESS to my/our agreement to the foregoing, I/we have execut	ed this Assignment as	set forth below:
Verizor Mail Co	a entity (Assignee): Verizon Data Services LLC, having a pla ode B3E, Temple Terrace, FL 33637.	ce of business at One	East Telecom Parkway,
ASSIG	NORS: /		
Signatu	re: Date		_ ~
Signatu		6/26/200	<u>r</u>
Signate	/ Son 1 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 /	:	<del>_</del> .

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# CAMERA DATA MANAGEMENT AND USER INTERFACE APPARATUSES, SYSTEMS, AND METHODS

	which has been executed by the	te undersigned concurrently herewith, and in which case	
	I/we hereby authorize and request the Assignee,	its successors, assigns and/or legal representatives, to	
	insert here in the parentheses (Application Numbe	er, filed) the filing	
	date and application number of said application who	en known.	
	which was filed on	and assigned Application No.	
	and in and to said application, and all divisional, continuing, substitute, renewal, reissue, provisional, and all other application for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements or based on said application; and in and to all original and reissued patents which have been or shall be issued in the United States and foreign countries from any of said applications, and in and to all rights of priority resulting from the filing of any of said applications; and it and to all rights which may exist under the International Convention for the Protection of Industria Property to any of the foregoing;		
II. agree that said Assignee may apply for and receive Letters Patent for improvements in its own name; 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 undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent application on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors and assigns; and			
III. cov	mortgage, license, or other agreement affecting the	and legal representatives that no assignment, grant, a rights and property herein identified has been made to onvey the same as herein expressed is possessed by the	
IN WITNESS to my/our agreement to the foregoing. I/we have executed this Assignment as set forth below-			
	entity (Assignee): Verizon Data Services LLC, hav de B3E, Temple Terrace, FL 33637.	ving a place of business at One East Telecom Parkway,	
<u>ASSIGN</u>	NORS:		
Signatur	re:Heath Stallings	Date:	
Signatur	·p·	Date:	
Signatur	Sak Y. Hwang		
nikuam	Shadman Zafar	- 17aic	

**RECORDED: 06/30/2008**