PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Donald E. SMITH	05/31/2011
James H. DREW	05/31/2011
Raymond SWEHA	05/31/2011

RECEIVING PARTY DATA

Name:	VERIZON PATENT AND LICENSING, INC.	
Street Address:	One Verizon Way	
City:	Basking Ridge	
State/Country:	NEW JERSEY	
Postal Code:	07920	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13150931

CORRESPONDENCE DATA

Fax Number: (571)432-0808

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

Phone: 571-432-0800

Email: bsuprise@harrityllp.com
Correspondent Name: Harrity & Harrity, LLP
Address Line 1: 11350 Random Hills Road

Address Line 2: Suite 600

Address Line 4: Fairfax, VIRGINIA 22030

ATTORNEY DOCKET NUMBER: 20110193

NAME OF SUBMITTER: John E. Harrity

Total Attachments: 3

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> PATENT REEL: 026372 FRAME: 0770

OF \$40.00 13150931

Verizon Invention Assignment for Verizon Docket No.: 20110193

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 worldwide right, title and interest in and to any and all improvements which are described in the application for United States Letters Patent entitled

VIDEO RECORDING M	MANAGEMENT '		
I/we hereby authorize and request the Assignee, it	undersigned concurrently herewith, and in which case s successors, assigns and/or legal representatives, to, filed		
which was filed ona	nd assigned Application No.		
reissue, provisional, and all other applications for L United States and all foreign countries on any of said application; and in and to all original and reissued pa States and foreign countries from any of said applica	continuing (in whole or in part), substitute, renewal, etters Patent which have been or shall be filed in the improvements or based on or claiming priority to said tents which have been or shall be issued in the United tions, and in and to all rights of priority resulting from o all rights which may exist under the International o any of the foregoing;		
II. agree that said Assignee may apply for and receive Letters Patent for said 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 (in whole or in part), substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, declarations, 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 Letters Patent and all Letters Patent 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	e executed this Assignment as set forth below:		
Verizon entity (Assignee): <u>VERIZON PATENT AND LICEN</u> Verizon Way, Basking Ridge, NJ 07920.	ISING, INC., having a place of business at One		
ASSIGNORS:			
Signature: Da_GOU & Swith Donald E. SMITH	Date: 5/31/2011		
Signature: James H. DREW	Date:		
Signature: Raymond SWEHA	Date:		

Page 1 of 1

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VIDEO RECORDING MANAGEMENT

	Which has been executed by the I/we hereby authorize and request the Assignee, insert here in the parentheses (Application Number date and application number of said application when	its successors, assigns and r, filed	I/or legal representatives, to
	which was filed on	and assigned Application I	√o.
	and in and to said application, and all divisional, reissue, provisional, and all other applications for United States and all foreign countries on any of sai application; and in and to all original and reissued p States and foreign countries from any of said applications and in and Convention for the Protection of Industrial Property	Letters Patent which have d improvements or based o patents which have been or ations, and in and to all rig to all rights which may e	been or shall be filed in the on or claiming priority to said shall be issued in the United hts of priority resulting from
П.	II. agree that said Assignee may apply for and receive Letters Patent for said 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 (in whole or in part), substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful caths, declarations, 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 Letters Patent and all Letters Patent on said improvements, in said Assignee, its successors and assigns; and		
m.	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 V	WITNESS to my/our agreement to the foregoing, I/we have	e executed this Assignmen	t as set forth below:
Veri <u>Veri</u>	rizon entity (Assignee): <u>VERIZON PATENT AND LICE</u> rizon Way, Basking Ridge, NJ 07920.	NSING, INC., having a plac	ce of business at <u>One</u>
<u>ASS</u>	SIGNORS:		
Sign	nature: ADonald E, SMITH	Date:	
Sign	ames H. DREW	Date: 5/31/20	<u>! </u>
Sign	nature:Rsymond SWEHA	Date:	

PATENT REEL: 026372 FRAME: 0772

Verizon Invention Assignment for Verizon Docket No.: 20110193 Page 1 of 1

ASSIGNMENT

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VIDEO RECORDING MANAGEMENT

	VIDEO RECORDING W	IANAGEMENT		
I/we hereby auth- insert here in the	orize and request the Assignee, its	andersigned concurrently herewith, and in which case successors, assigns and/or legal representatives, to, filed) the filing known.		
	which was filed on an	nd assigned Application No.		
reissue, provision United States and application; and in States and foreign the filing of any	al, and all other applications for Le all foreign countries on any of said and to all original and reissued part countries from any of said applicat	ontinuing (in whole or in part), substitute, renewal, stters Patent which have been or shall be filed in the improvements or based on or claiming priority to said ents which have been or shall be issued in the United ions, and in and to all rights of priority resulting from all rights which may exist under the International any of the foregoing;		
that, when reques legal representative will execute all disapplications on an of attorney and of facts known to be everything possible for aiding in secur to said improvements.	agree that said Assignee may apply for and receive Letters Patent for said 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 (in whole or in part), substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, declarations, 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 Letters Patent and all Letters Patent on said improvements, in said Assignee, its successors and assigns; and			
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ASSIGNORS:				
Signature: Donald F	C. SMITH	Date;		
Signature:	DDEW	Date:		
Signature:	I SWEHA	Date: <u>19/3/ / 2011</u>		

PATENT REEL: 026372 FRAME: 0773

RECORDED: 06/01/2011