

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUN SHEN	11/01/2007
YUNG SHIRLEY CHOI-GROGAN	11/05/2007
MING ZHANG	11/01/2007
RECEIVING PARTY DATA	
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Street Address:	1025 LENOX PARK BLVD
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30319
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14987019
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ATTORNEY DOCKET NUMBER:	7785-0982-03
NAME OF SUBMITTER:	ANDREW GUST
SIGNATURE:	/Andrew Gust/
DATE SIGNED:	01/14/2016
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, we Jun Shen, Yung Shirley Choi-Grogan, and Ming Zhang (hereinafter referred to as ASSIGNORS), having post office addresses of 3608 175th Ct NE, Redmond, WA 98052, 3646 246th Avenue SE, Issaquah, WA 98029, and 13815 SE 42nd Street, Bellevue, WA 98006, respectively, are the joint inventors of an invention entitled "ON-DEMAND MOBILE WIRELESS BROADCAST VIDEO DELIVERY MECHANISM," as described and claimed in the specification forming part of an application for United States letters patent executed herewith.

WHEREAS, AT&T Mobility II LLC (hereinafter referred to as ASSIGNEE), a corporation of the State of Delaware having a place of business at 5565 Glenridge Connector, Suite 1700, Atlanta, GA 30342, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

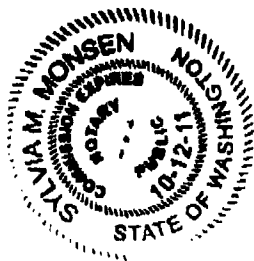
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

11/1/2007
Date

Jun Shen
Jun Shen

State of WASHINGTON)
) ss.
County of KING)

I certify that I know or have satisfactory evidence that Jun Shen is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



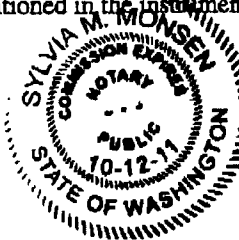
Dated November 1, 2007
Signature of *Sylvia M. Monsen*
Notary Public
Printed Name Sylvia M. Monsen
My appointment expires 10/12/11

11/5/2007
Date

Yung Shirley Choi-Grogan
Yung Shirley Choi-Grogan

State of WASHINGTON)
) ss.
County of KING)

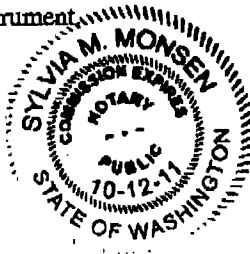
I certify that I know or have satisfactory evidence that Yung Shirley Choi-Grogan is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated November 5, 2007
Signature of *Sylvia M. Monsen*
Notary Public
Printed Name Sylvia M. Monsen
My appointment expires 10/12/11

11/1/2007
Date
Ming Zhang
State of WASHINGTON)
County of KING) ss.

I certify that I know or have satisfactory evidence that Ming Zhang is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated November 1, 2007
Signature of Notary Public Sylvia M. Monsen
Printed Name Sylvia M. Monsen
My appointment expires 12/12/11

Assn w_App. (Multi).DOC 83531-399