

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HONGKONG CDNETWORKS HOLDINGS CO., LTD	03/09/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CDNETWORKS HOLDINGS SINGAPORE PTE. LTD.
<b>Street Address:</b>	3 KILLINEY ROAD #04- 05 WINSLAND HOUSE I
<b>City:</b>	SINGAPORE
<b>State/Country:</b>	SINGAPORE
<b>Postal Code:</b>	239519
<b>PROPERTY NUMBERS Total: 11</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12616688
Application Number:	12675771
Application Number:	12775348
Application Number:	12673079
Application Number:	12882088
Application Number:	12855606
Application Number:	13395211
Application Number:	13638531
Application Number:	13377492
Application Number:	13202086
Application Number:	12201930
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Email:</b>	uspto@anovallaw.com
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<b>ATTORNEY DOCKET NUMBER:</b>	HUAZHI ASSIGNMENT 2

<b>NAME OF SUBMITTER:</b>	SHERRY WU
<b>SIGNATURE:</b>	/Sherry Wu/
<b>DATE SIGNED:</b>	03/12/2020
<b>Total Attachments: 2</b> source=Assignment#page1.tif source=Assignment#page2.tif	

## ASSIGNMENT AGREEMENT

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WHEREAS HONGKONG CDNETWORKS HOLDINGS CO., LTD., a corporation of Hong Kong China, whose post office address is RM06, 13A/F South Tower, World Finance Ctr., Harbour City, 17 Canton Rd., TST, KLN, Hong Kong (hereinafter referred to as Assignor), is the owner of entire rights of patents and patent applications listed in Appendix A (Assigned patents and patent applications);

WHEREAS, CDNETWORKS HOLDINGS SINGAPORE PTE. LTD., a corporation of Singapore, whose post office address is 3 KILLINEY ROAD #04-05 WINSLAND HOUSE I SINGAPORE 239519 SINGAPORE (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to the Assigned patents and patent applications;

NOW THEREFORE, be it known that, for a good valuable consideration the receipt of which from Assignee is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, the entire right, title, and interest in and to the Assigned patent and patent applications, and all divisions, and continuations thereof, and all Letter Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority therefore; and the Assignor hereby authorizes and requests the Commissioner of Patent and Trademarks of the United States to issue all Letters Patents for the Assigned patents and patent applications to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, Assignor HEREBY covenants that the Assignor has the full right to convey the interest assigned by this Assignment, and Assignor has not executed and will not execute any agreement in conflict with this Assignment;

IN TESTIMONY WHEREOF, We have hereunto set our hands.

HONGKONG CDNETWORKS HOLDINGS CO., LTD.

Signature: HUANG KEWEI

By: HUANG KEWEI

Date: 2020.3.9

# APPENDIX A

List of US Patents:

Patent No.:	Application No.:	Title:	Filed:
7,908,616	12/616,688	MEASURING AUDIENCE VIEWERSHIP OF ONLINE LIVE BROADCAST	11/11/2009
8,180,857	12/675,771	METHOD FOR DOWNLOADING FILE IN PARALLEL	2/26/2010
8,463,846	12/775,348	FILE BUNDLING FOR CACHE SERVERS OF CONTENT DELIVERY NETWORKS	5/6/2010
8,473,573	12/673,079	METHOD FOR PROVIDING CONTENTS TO CLIENT AND SERVER USING THE SAME	2/11/2010
8,489,724	12/882,088	CNAME-BASED ROUND-TRIP TIME MEASUREMENT IN CONTENT DELIVERY NETWORK	9/14/2010
8,612,413	12/855,606	DISTRIBUTED DATA CACHE FOR ON-DEMAND APPLICATION ACCELERATION	8/12/2010
8,612,613	13/395,211	METHOD FOR SETTING PLURALITY OF SESSIONS AND NODE USING SAME	6/1/2012
8,913,521	13/638,531	METHOD AND APPARATUS FOR MEASURING THE DISTANCE BETWEEN NODES	11/29/2012
9,137,846	13/377,492	METHOD AND APPARATUS FOR SELECTING OPTIMUM TRANSFER PROTOCOL	2/3/2012
9,218,346	13/202,086	FILE SYSTEM AND METHOD FOR DELIVERING CONTENTS IN FILE SYSTEM	8/18/2011
9,407,857	12/201,930	PROTECTION AGAINST UNAUTHORIZED COPYING OF DIGITAL MEDIAL CONTENT	8/29/2008