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SUBMISSION TYPE:		NEV	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASS	ASSIGNMENT			
CONVEYING PARTY	DATA					
		Nam	e		Execution Date	
IP EDGE LLC					11/28/2018	
	DATA					
Name:	RAINE	Y CIRCUIT	LLC			
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State/Country:	TEXAS	6				
Postal Code:	75034	75034				
Property Type		0101001	Number			
Property Typ	De		Number			
Patent Number: 8		8131824				
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NAME OF SUBMITTE	R:	HAN	IG NGUYEN			
SIGNATURE:			/Hang Nguyen/			
SIGNATURE:			02/07/2019			
SIGNATURE: DATE SIGNED:		02/0	7/2019			
		02/0	7/2019			
DATE SIGNED: Total Attachments: 3	Edge to Rai		7/2019 Patent Assignment (v2) Fu	Illy Execute	d#page1.tif	
DATE SIGNED: Total Attachments: 3 source=Exhibit A - IP E	•	ney Circuit		•		

PATENT ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, IP Edge LLC, a limited liability company located at 2150 S, Central Expressway, Ste 200, McKinney, TX 75070, ("Assignor"), does hereby assign, transfer, and convey unto Rainey Circuit LLC, a Texas limited liability company, having an address at 7460 Warren Parkway, Ste 100, Frisco, TX 75034, ("Assignee"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "Patent Rights"):

(a) the patent applications and patents listed in the table below (the "**Patents**" or "**Patent**");

Patent No(s).	Application No(s).	Country	Filing Date	Title of Patent(s) and First Named Inventor
8,131,824	10/486,284	US	8/1/2002	METHOD FOR THE TRANSMISSION OF MULTIMEDIA DATA UTILIZING A SIGNALING SIGNAL IN A TELECOMMUNICATIONS NETWORK

(b) any patents or applications claiming priority from the patents listed in (a), as well as any additional patents or patent applications issued, granted, or pending via any divisionals, continuations, continuations-in-part, reissues and reexaminations of (a);

(c) any foreign counterparts of (a) through (b);

(d) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, the Patents and/or any item in any of the foregoing categories (b) through (c), including, without limitation, all causes of action and other enforcement rights for

- (i) past, present, and future damages,
- (ii) injunctive relief, and
- (iii) any other remedies of any kind for past, present, and future infringement; and

(e) all rights to collect royalties and other payments under or on account of the Patent and/or any item in any of the foregoing categories (a) through (d).

Assignor represents, warrants and covenants that:

(1) Assignor has the full power and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into the Letter Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee; and

PATENT REEL: 048266 FRAME: 0142

Exhibit A

(2) Assignor owns, and by this document assigns to Assignee, all right, title, and interest to the Patent Rights, including, without limitation, all right, title, and interest to sue for infringement of the Patent Rights. Assignor has obtained and properly recorded previously executed assignments for the Patent Rights as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction. The Patent Rights are free and clear of all liens, claims, mortgages, security interests or other encumbrances, and restrictions. There are no actions, suits, investigations, claims or proceedings threatened, pending or in progress relating in any way to the Patent Rights. There are no existing contracts, agreements, options, commitments, proposals, bids, offers, or rights with, to, or in any person to acquire any of the Patent Rights.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee and without demanding any further consideration therefore, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Such assistance will include providing, and obtaining from the respective inventors, prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, powers of attorney, specifications, declarations, complying with any duty of disclosure, and conducting prosecution, reexamination, reissue, interference or other priority proceedings, opposition proceedings, cancellation proceedings, public use proceedings, infringement or other court actions and the like with respect to the Patent Rights.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

ASSIGNOR: IP Edge LLC

By: _	alley
Name: _	Lillian Woung
Title: _	Managing Member
Date:	11/28/2018

Exhibit A

ASSIGNEE: Rainey Circuit LLC

By:	Hang Ngrugen
Name:	Hang Nguyen
Title:	Managing Member
Date:	11/28/2018

RECORDED: 02/07/2019