PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6080442

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
INTERTECHNOLOGY GLOBAL LLC	04/22/2020

RECEIVING PARTY DATA

Name:	SWIRLATE IP LLC
Street Address:	6009 W PARKER RD, STE 149 - 1090
City:	PLANO
State/Country:	TEXAS
Postal Code:	75093

PROPERTY NUMBERS Total: 4

Property Type	Number
Patent Number:	8325845
Patent Number:	7567622
Patent Number:	7154961
Application Number:	12490096

CORRESPONDENCE DATA

Fax Number:

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.

Email:	linhd@ip-edge.com
Correspondent Name:	SWIRLATE IP LLC
Address Line 1:	6009 W PARKER RD, STE 149 - 1090
Address Line 4:	PLANO, TEXAS 75093

NAME OF SUBMITTER:	DINA GAMEZ
SIGNATURE:	/Dina Gamez/
DATE SIGNED:	04/27/2020

Total Attachments: 3
source=Assignment from Intetechnology Global LLC to Swirlate IP LLC (Final) - Fully Executed#page1.tif
source=Assignment from Intetechnology Global LLC to Swirlate IP LLC (Final) - Fully Executed#page2.tif
source=Assignment from Intetechnology Global LLC to Swirlate IP LLC (Final) - Fully Executed#page3.tif

PATENT ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, Intertechnology Global LLC, a Texas limited liability company having an address at 6009 W Parker Rd, Ste 149 - 1039, Plano, TX 75093-8121 (*"Assignor"*), does hereby assign, transfer, and convey unto Swirlate IP LLC, a Texas limited liability company, having an address at 6009 W Parker Rd, Ste 149 - 1090, Plano, TX 75093 (*"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/Publ. No	Application No	Patent Title
US8325845	US13034348	Constellation rearrangement for ARQ transmit diversity schemes
US7567622	US11633421	Constellation rearrangement for ARQ transmit diversity schemes
US7154961	US10501906	Constellation rearrangement for ARQ transmit diversity schemes
KR100789042B1	KR20047012008A	CONSTELLATION REARRANGEMENT FOR ARQ TRANSMIT DIVERSITY SCHEMES
JP3885078B2	JP2004543995A	CONSTELLATION REARRANGEMENT FOR ARQ TRANSMIT DIVERSITY SCHEMES
EP1552639B1	EP02790298.0	CONSTELLATION REARRANGEMENT FOR ARQ TRANSMIT DIVERSITY SCHEMES
DE60224588.5	02790298.0	CONSTELLATION REARRANGEMENT FOR ARQ TRANSMIT DIVERSITY SCHEMES

Patent/Publ. No	Application No	Patent Title
GBEP1552639	02790298.0	CONSTELLATION REARRANGEMENT FOR ARQ TRANSMIT DIVERSITY SCHEMES
FREP1552639	02790298.0	CONSTELLATION REARRANGEMENT FOR ARQ TRANSMIT DIVERSITY SCHEMES
CN1620776B	CN02828081.4	Constellation resetting of automatically repeat requesting transmitting diversity scheme
WO2004036818	WOPCT/EP02/11694	Constellation resetting of automatically repeat requesting transmitting diversity scheme
US20090262858	US12/490096	CONSTELLATION REARRANGEMENT FOR ARQ TRANSMIT DIVERSITY SCHEMES
AT383689T		CONSTELLATION REARRANGEMENT FOR ARQ TRANSMIT DIVERSITY SCHEMES
AU2002368296A		CONSTELLATION REARRANGEMENT FOR ARQ TRANSMIT DIVERSITY SCHEMES
EP1903711A	EP08000127.4	Constellation rearrangement for ARQ transit diversity schemes
EP2259478A	EP10178455.1	Constellation rearrangement for ARQ transmit diversity schemes

(b)   and the right to recover for unsettled past, present and future infringement.

ASSIGNOR: Intertechnology Global LLC

By: _____

Name: _____Tri Lam_____

Title: _____Managing Member_____

Date: _____4/22/2020_____

ASSIGNEE: Swirlate IP LLC

By: _____

Name: _____Dina Gamez_____

Title: _____Managing Member_____

Date: _____April 22, 2020_____