### 505123970 10/03/2018

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5170731 Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PANG-NING CHEN	10/03/2018
CHEN-LUN LIN	10/03/2018
YING-CHIA CHEN	10/03/2018
WEI-JYUN WANG	10/03/2018
MIKE CHUN-HUNG WANG	10/03/2018

#### RECEIVING PARTY DATA

Name:	KAIKU TEK INC.
Street Address:	9F., NO. 3-2, PARK ST., NANGANG DIST.
City:	TAIPEI CITY
State/Country:	TAIWAN
Postal Code:	ROC

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	16150447	

#### CORRESPONDENCE DATA

**Fax Number:** (763)746-8125

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.

**Phone:** 763-746-1599

Email: ALAN@THELAWFIRM.CC
Correspondent Name: KAMRATH IP LAWFIRM, PA

Address Line 1: 4825 OLSON MEMORIAL HIGHWAY, SUITE 150

Address Line 4: GOLDEN VALLEY, MINNESOTA 55422

ATTORNEY DOCKET NUMBER: CFP-030458

NAME OF SUBMITTER: ALAN KAMRATH

SIGNATURE: /alan kamrath/

DATE SIGNED: 10/03/2018

**Total Attachments: 2** 

source=20181003113258#page1.tif

PATENT REEL: 047050 FRAME: 0733

505123970

source=20181003113258#page2.tif

PATENT REEL: 047050 FRAME: 0734

# UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

# **ASSIGNMENT**

Application	ı N	Io. Filed
Insert Name(s) of Inventor(s)	¢	***(Given Name FAMILY NAME (ALL CAPS))***  WHEREAS, Pang-Ning CHEN, Chen-Lun LIN, Ying-Chia CHEN, Wei-Jyun WANG, Mike Chun Hung WANG  (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in:
Insert Title of Invention	₽	DIVIDER-LESS PHASE LOCKED LOOP  for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application)
Insert Date of Signing of Appln. Insert Name of Assignee		On October 3, 2018 ; and WHEREAS, KaiKuTek Inc.
Insert Address of Assignee	₽	of 9F., No. 3-2, Park St., Nangang Dist., Taipei City, Taiwan, R.O.C.
Check Box if Appropriate		its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and  in any foreign countries.  NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.  The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

Page 1 of 2

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Kamrath IP Lawfirm, PA the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	October 3, 2018	Name of Inventor Pary - Viug CHEN  (Signature) Pang-Ning CHEN
Date	October 3, 2018	Name of Inventor Chen - Lim (Signature) Chen-Lun LIN
Date	October 3, 2018	Name of Inventor Ting this Chen (Signature) Ying-Chia CHEN
Date	October 3, 2018	Name of Inventor Wei-Jynn Wang (Signature) Wei-Iyun WANG
Date	October 3, 2018	Name of Inventor // // // // // // // // // // // // //
Date .		Name of Inventor (Signature)

Page 2 of 2