505574598 07/16/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5621397 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KENSHIN SAKURA	09/20/2013
MATTHEW STUART GAST	09/23/2013
LONG FU	09/27/2013

RECEIVING PARTY DATA

Name:	AEROHIVE NETWORKS, INC.		
Street Address:	330 GIBRALTAR DRIVE		
City:	SUNNYVALE		
State/Country:	CALIFORNIA		
Postal Code:	94089		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16365654

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.

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Email:docket@ahmannkloke.comCorrespondent Name:AHMANN KLOKE LLPAddress Line 1:650 GILMAN STREET

Address Line 4: PALO ALTO, CALIFORNIA 94301

ATTORNEY DOCKET NUMBER:	AERO-0033.US06
NAME OF SUBMITTER:	WILLIAM F. AHMANN
SIGNATURE:	/William F. Ahmann/
DATE SIGNED:	07/16/2019

Total Attachments: 2

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PATENT 505574598 REEL: 049770 FRAME: 0344

ASSIGNMENT

(1-8)	Insert	Name(s)	of Inventor(ş
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(1) Kenshin Sakura

(2) Matthew Stuart Gast

(3) Long Fu

For good and valuable consideration receipt of which is hereby acknowledged, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to:

Insert name of Assignee

(9) Aerohive Networks, Inc.

(10) Insert state of incorporation of (10) State of California Assignee

(11) Insert address of Assignee

(11) of 330 Gibraltar Drive, Sunnyvale, California 94089, U.S.A. (hereinafter designated as the Assignee) the entire worldwide right, title, interest, and patent applications and patents for every country, including divisions, reissues, continuations and all other extensions, rights and priorities in the invention known as and subject matter contained in

(12)Insert Identification of Invention, such as Title, Case Number or Foreign Application Number

(12) INTERNETWORK AUTHENTICATION (Case No. 31AE-171302, Serial No. 14/014,247) for which the undersigned have filed an application for patent in United States of

America

(13) Insert Date of Filing of Application

(13) on August 29, 2013

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or division applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for 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 patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner for Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, its successors and assigns, as Assignee of the entire right, title and interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in

6) The undersigned hereby grant(s)

Marc A. Sockol, Reg. No. 40,823; James Soong, Reg. No. 40,824; Daniel C. Kloke, Reg. No. 58,417; William F. Ahmann, Reg. No. 52,548; Marcus Hunt, Reg. No. 66,577; Anup Suresh, Reg. No. 65,338; Mukund H. Sharma, Reg. No. 64,692; and Ryan Davis, Reg. No. 68,412, and all attorneys and agents associated with Customer No. 69849.

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 United States Patent and Trademark Office for recordation of this document.

Date $\frac{9/20/2013}{9/23/2013}$

Matthew Stuart Gast

Kenshin Sakura

SMRH:406641920.1