PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5159596

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
TOSHIBA INTERNATIONAL CORPORATION	04/04/2017

RECEIVING PARTY DATA

Name:	TOSHIBA CORPORATION		
Street Address:	1-1 SHIBAURA 1-CHOME, MINATO-KU		
City:	TOKYO		
State/Country:	JAPAN		
Postal Code:	105-8001		

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8987676

CORRESPONDENCE DATA

Fax Number: (713)229-7835

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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Email: tami.day@bakerbotts.com **Correspondent Name:** BAKER BOTTS L.L.P. Address Line 1: 910 LOUISIANA STREET Address Line 2: ONE SHELL PLAZA

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ATTORNEY DOCKET NUMBER:	076885.0341	
NAME OF SUBMITTER:	TAMI DAY	
SIGNATURE:	/Tami Day/	
DATE SIGNED:	09/26/2018	

Total Attachments: 3

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PATENT REEL: 046978 FRAME: 0219 505112835

PATENT ASSIGNMENT

This Patent Assignment (this "Assignment") is made and entered into effective as

of this 4th day of Upril 2017 by and between Toshiba International Corporation, a

California corporation, with an address of 13131 West Little York Road, Houston, Texas 77041

("Assignor"), and Toshiba Corporation ("Assignee"), a Japanese limited partnership, with an

address of 1-1, Shibaura 1-chome, Minato-ku, Tokyo, 105-8001 Japan.

WHEREAS Assignor has certain rights in and to patent assets identified in

Schedule A hereto ("the Patent Assets"); and

WHEREAS Assignee is desirous of acquiring all right, title, and interest in and to

the Patent Assets under the Master Development Agreement between Assignor and Assignee

dated March 16, 2012;

NOW THEREFORE, in consideration of the premises and covenants of the

parties herein, and for other good and valuable consideration, the receipt and sufficiency of

which are hereby acknowledged, Assignor does hereby assign, and agree to assign, to Assignee

all of the right, title and interest that it owns, throughout the world, in and to the Patent Assets,

and all rights of action accrued under and by virtue thereof, including the right to sue and recover

for past infringement.

Assignor agrees that it shall execute and deliver further instruments of conveyance,

transfer and assignment as requested by Assignee, its successors, or assigns; reasonably

cooperate and assist in providing information for making and completing regulatory and other

filings; and take any and all other actions as Assignee, its successors, or assigns may reasonably

PATENT REEL: 046978 FRAME: 0220 require (at Assignee's expense) to effectively assign, convey, transfer, protect, enforce, and exploit the Patent Assets and all rights owned by Assignor therein to Assignee, its successors, or assigns.

IN WITNESS WHEREOF, the parties have caused this Assignment to be executed by their duly authorized officers as of the date first written above.

Toshiba International Corporation

Name: Margaret M. McKay

Title: Vice President and General Counsel

Toshiba Corporation

By: Junchi Koi/ce

Name: Junichi Koike Title: Group Manager

Technology Coordination Division

Intellectual Property Group

Infrastructure Systems & Solutions Company

SCHEDULE A

Patents and Patent Applications

Assignor	Serial No.	Filing Date	Patent No.	Issue Date	Title
Toshiba International Corporation	13/559,989	7/27/2012	8,987,676	3/24/2015	System And Method For The Detection Of Soiling In Bank Notes
Toshiba International Corporation	14/102,152	12/10/2013	9,505,571	11/29/2016	Bank Note Processing System Having A High Speed Note Processing Path

PATENT REEL: 046978 FRAME: 0222