PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PANASONIC CORPORATION	03/27/2015

RECEIVING PARTY DATA

Name:	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14397874

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ATTORNEY DOCKET NUMBER:	PANA TO PIPM_1 PATENT
NAME OF SUBMITTER:	CHIKA EDA
SIGNATURE:	/Chika EDA/
DATE SIGNED:	08/31/2015

Total Attachments: 2

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PATENT 503458827 REEL: 036454 FRAME: 0517

Assignment

Whereas, Panasonic Corporation of 1006, Oaza Kadoma, Kadoma-shi,

Osaka 571-8501, JAPAN, hereinafter referred to as "Assignor", solely or jointly owns the entire right, title and interest in United States Patent Applications (Design Patent

Applications, or Trademark Applications) mentioned in the attached schedule; and

Whereas, Panasonic Intellectual Property Management Co., Ltd., of 1-61,

Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-6207 JAPAN, hereinafter referred

to as "Assignee", desires to acquire the entire right, title and interest of the Assignor

in the said U.S. Patent Applications;

Now, therefore, for valuable consideration, receipt of which is hereby

acknowledged, the above-named Assignor hereby sells, assigns and transfers to the

above-named Assignee, its successors and assigns, its entire right, title and interest

in the said U.S. Patent Applications, and any reissues or re-examinations thereof,

together with all claims for damages by reason of past infringement of the said U.S.

Patent Applications with the right to sue for and collect the same for their own use

and enjoyment.

Assignor hereby covenants that no assignment, sale, agreement or

encumbrance has been or will be made or entered into which would conflict with this

Assignment.

Panasonic Corporation

Date: March 27, 2015

Koichi Nomura

Authorized Signing Officer

Intellectual Property Center

<Schedule>

Patent(s)

Application Number	Application Number	Application Number
14/397874	-	-

-end-

PATENT REEL: 036454 FRAME: 0519