

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3177077

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHARP LABORATORIES OF AMERICA, INC.	01/09/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Sharp Kabushiki Kaisha
<b>Street Address:</b>	22-22, Nagaike-cho, Abeno-ku, Osaka-shi
<b>City:</b>	Osaka
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	545-8522
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13360572
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(360)817-8505
<i>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.</i>	
<b>Phone:</b>	360 834-8754
<b>Email:</b>	farra@sharplabs.com
<b>Correspondent Name:</b>	DAVID C. RIPMA
<b>Address Line 1:</b>	5750 NW PACIFIC RIM BLVD.
<b>Address Line 4:</b>	CAMAS, WASHINGTON 98607
<b>ATTORNEY DOCKET NUMBER:</b>	SLA3117
<b>NAME OF SUBMITTER:</b>	ANGIE C. FARR
<b>SIGNATURE:</b>	/Angie C. Farr/
<b>DATE SIGNED:</b>	01/09/2015
<b>Total Attachments: 1</b>	
source=SLA3117 Corp-to-Corp Early Assignment of invention and application to Sharp#page1.tif	

## CORPORATE-TO-CORPORATE ASSIGNMENT

WHEREAS, Sharp Laboratories of America, Inc. (hereinafter "SLA"), a corporation of the State of Washington, having a place of business at 5750 NW Pacific Rim Boulevard, Camas, Washington 98607, is, by an assignment document recorded in the assignment records of the United States Patent and Trademark Office, at Reel / Frame: **027663 / 0993**, the assignee and record owner of an invention entitled:

### **“Devices for Reconfiguring Uplink and Downlink Allocations”**

invented by Zhanping Yin et al. (hereinafter "said Invention"), including a US patent application filed by SLA on January 27, 2012, Serial No. **13/360,572**, pertaining thereto (hereinafter "the '572 application");

WHEREAS, Sharp Kabushiki Kaisha (hereinafter “Sharp”), a Japanese Corporation, having an address at 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, 545-8522, Japan, is the parent company and owner of SLA; and

WHEREAS, SLA and Sharp wish to transfer ownership of said Invention, including the '572 application, from SLA to Sharp;

NOW THEREFORE, for good and valuable consideration acknowledged by SLA to have been received in full from Sharp, SLA does hereby sell, assign, transfer, convey, and quitclaim unto Sharp all of SLA's right, title and interest in and to said Invention, including the '572 application.

The terms and covenants of this Assignment shall inure to the benefit of Sharp, its successors, assigns and other legal representatives, and shall be binding upon SLA, its successors, assigns and other legal representatives.

The undersigned is authorized to act on behalf of the assignee.

**Sharp Laboratories of America, Inc.**

Dated: January 9, 2015

/David C. Ripma/  
David C. Ripma, Registration No. 27,672  
Patent Counsel, of Sharp Laboratories of America,  
Inc.