

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LIU HUA	05/24/2006
JIANG XIAOPING	05/24/2006
RECEIVING PARTY DATA	
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Postal Code:	95134
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14697107
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NAME OF SUBMITTER:	KIN HUNG LAI
SIGNATURE:	/Kin Hung Lai/
DATE SIGNED:	12/08/2015
Total Attachments: 2	
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Attorney's Docket

ASSIGNMENT

PATENT

No.: 16820P442 (For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We
the undersigned, Liu Hua and Jiang XiaoPing

hereby sell, assign, and transfer to Cypress Semiconductor Corporation
a corporation of Delaware, having a principal place of business at
198 Champion Court, San Jose, California 95134-1709, ("Assignee"),
and its successors, assigns, and legal representatives, the entire right, title, and interest for the
United States and all foreign countries, in and to any and all improvements that are disclosed in
the application for the United States patent that has been executed by the undersigned prior
hereto or concurrently herewith on the dates indicated below and is entitled

A LOW PIN COUNT SOLUTION USING CAPACITANCE SENSING MATRIX

FOR KEYBOARD ARCHITECHTURE

and in and to said application and all divisional applications, continuation applications,
continued prosecution applications, continuation-in-part applications, substitute applications,
renewal applications, reissue applications, reexaminations, extensions, and all other patent
applications that have been or shall be filed in the United States and all foreign countries on
any of said improvements; and in and to all original patents, reissued patents, reexamination
certificates, and extensions, that have been or shall be issued in the United States and all
foreign countries on said improvements; and in and to all rights of priority resulting from the
filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said
improvements in its own name; and that, when requested, without charge to, but at the expense
of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith
the intent and purpose of this Assignment, the undersigned will execute all divisional
applications, continuation applications, continued prosecution applications, continuation-in-part
applications, substitute applications, renewal applications, reissue applications, reexaminations,
extensions and all other patent applications on any and all said improvements; execute all
rightful oaths, assignments, powers of attorney, and other papers; communicate to said
Assignee, its successors, assigns, and representatives all facts known to the undersigned
relating to said improvements and the history thereof; and generally assist said Assignee, its
successors, assigns, or representatives in securing and maintaining proper patent protection for
said improvements and for vesting title to said improvements, and all applications for patents
and all patents on said improvements, in said Assignee, its successors, assigns, and legal
representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no
assignment, grant, mortgage, license, or other agreement affecting the rights and property
herein conveyed has been made to others by the undersigned, and that full right to convey the
same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

5/24, 2006 Liu Hua
 Date Name: Liu Hua

May 24, 2006 Jiang Xiaoping
 Date Name: Jiang Xiaoping

Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:

5/24, 2006
 Date

May 24, 2006
 Date

State of: _____ }
 County of: _____ } SS. **Assignment Document Return Address:**
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
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 Los Angeles, CA 90025-1026
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On this _____ day of _____, 20____, before me, _____,
 the undersigned Notary Public, personally appeared _____
 [] personally known to me [] proved to me on the basis of satisfactory evidence to be the
 person(s) whose name(s) _____ subscribed to the within instrument, and acknowledged
 that _____ executed it.
 WITNESS my hand and official seal.

 Notary's Signature