Docket No.: 1501/180

FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE 04-25-2000 (Rev. 6-93) Patent and Trademark Office OMB No. 0651-J011 (exp.4/94) Copyright 1994-97 LegalStar P08/ EV02 Tab settings -101332/46 To the Honorable Commissioner of Patents ached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Xintao Wang Name: Cherry Semiconductor Corporation Internal Address: ☐ Yes 🛛 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Street Address: 2000 South County Trail ☒ Assignment Merger ☐ Security Agreement ☐ Change of Name City: East Greenwich State: RI ZIP: 02818 ☐ Other Execution Date: March 22, 2000 Additional name(s) & address(es) attached?

Yes

No 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: March 29, 2000 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: c ncerning document should be mailed: Name: Robert M. Asher 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: BROMBERG & SUNSTEIN LLP ☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account Street Address: 125 Summer Street 8. Deposit account number: 19-4972 _ State: MA ZIP: 02110 City: Boston 04/24/2000 TTON11 00000474 09537319 DO NOT USE THIS SPACE 40.00 DP 01 FC:581 9. Statement and signature. To the best of my knowledge and belief, the foregoing intormation is true and correct and any attached copy is a true copy of the original document. March 29, 2000 Robert M. Asher Signature Date Name of Person Signing Total number of pages including cover sheet, attachments, and document:

> PATENT REEL: 010715 FRAME: 0604

ASSIGNMENT

ASSIGNOR(S): Xintao Wang

ASSIGNEE: Cherry Semiconductor Corporation

2000 South County Trail East Greenwich, RI 02818

STATE OF INCORPORATION OF ASSIGNEE: Rhode Island

TITLE: SWITCHING REGULATOR CONTROL CIRCUIT WITH

PROACTIVE TRANSIENT RESPONSE

ATTORNEY DOCKET: 1501/180

APPLICATION NO.: Not Yet Assigned

FILED: Herewith

Assignor is an inventor of a certain new and useful invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having the above title. If a filing date and application number are shown, the Application has a Patent and Trademark Office filing date and application number as indicated above.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including as a divisional, continuation-in-whole or continuation-in-part, or as an application claiming

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priority from a provisional application); or any application based in whole or in part on any of the foregoing.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

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IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: March 22nd 2000

Xintao Wang, Assignor

STATE OF) ss.

COUNTY OF)

RECORDED: 03/29/2000

Before me, a notary public in and for said county and state, personally appeared Xintao Wang, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

Notary Public

My Commission Expires:

(seal)

My Commission Explice June 25, 2001

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