

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5621353

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
POWERCHIP TECHNOLOGY CORPORATION		06/28/2019
RECEIVING PARTY DATA		
Name:	POWERCHIP SEMICONDUCTOR MANUFACTURING CORPORATION	
Street Address:	NO. 18, LI-HSIN RD. 1, HSINCHU SCIENCE PARK,	
City:	HSINCHU	
State/Country:	TAIWAN	
PROPERTY NUMBERS Total: 20		
Property Type	Number	
Patent Number:	7951668	
Patent Number:	7915660	
Patent Number:	8219242	
Patent Number:	7803692	
Patent Number:	8081522	
Patent Number:	8223541	
Patent Number:	8068362	
Patent Number:	8279673	
Patent Number:	8334164	
Patent Number:	8738836	
Patent Number:	8846485	
Patent Number:	8390062	
Patent Number:	8441053	
Patent Number:	8242034	
Patent Number:	7952934	
Patent Number:	8786014	
Patent Number:	8324682	
Patent Number:	8502297	
Patent Number:	8421141	
Patent Number:	8599614	

CORRESPONDENCE DATA**Fax Number:** (949)391-4699

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.

Phone: 886223692800**Email:** USA@JCIPGROUP.COM**Correspondent Name:** JCIPRNET**Address Line 1:** P.O. BOX 600 TAIPEI GUTING**Address Line 4:** TAIPEI CITY, TAIWAN 10099

ATTORNEY DOCKET NUMBER:	TW2085_NO209-228
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NAME OF SUBMITTER:	BELINDA LEE
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SIGNATURE:	/Belinda Lee/
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DATE SIGNED:	07/16/2019
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Total Attachments: 9

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ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS

Powerchip Technology Corporation a corporation having a place of business at No. 12, Li-Hsin Rd. I, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C. (hereafter ASSIGNOR) has been assigned or otherwise has an ownership interest in certain new and useful improvements as set forth in the patents and patent applications listed in attached Appendix A.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby:

- 1) Sell(s), assign(s) and transfer(s) to **Powerchip Semiconductor Manufacturing Corporation**, a corporation having a place of business at No. 18, Li-Hsin Rd. I, Hsinchu Science Park, Hsinchu, Taiwan, R.O.C. (hereinafter referred to as "ASSIGNEE") the entire right, title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed therein.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application(s) or any division(s), continuation(s), substitute(s), re-examination(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application(s), as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative(s), and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that ASSIGNOR has not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signatures of Assignor and Assignee
with the execution date of this Assignment indicated beside the signature(s).

Assignor (Conveying Party):

By: 
Typed Name: **STEVE CHEN**
Title: **CHAIRMAN**
Company: **Powerchip Technology Corporation**

No. 12, Li-Hsin Rd. I, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.

Date: 2019.06.28

Assignee (Receiving Party):

By: 
Typed Name: **CHONG-JEN HUANG**
Title: **CHAIRMAN**
Company: **Powerchip Semiconductor Manufacturing Corporation**

No. 18, Li-Hsin Rd. I, Hsinchu Science Park, Hsinchu, Taiwan, R.O.C.

Appendix A

	Patent No.	Issue Date	Attorney Docket No.	client Docket No.
1	6420891	2002/7/16	89595-US-PA	PT-AP-0089-US
2	6531776	2003/3/11	89596-US-PA	PT-AP-0092-US
3	6444574	2002/9/3	89599-US-PA	PT-AP-0095-US
4	6583055	2003/6/24	89600-US-PA	PT-AP-0096-US
5	6551877	2003/04/22	08871-US-PA	PT-AP-0106-US
6	6696350	2004/02/24	08979-US-PA	PT-AP-0108-US
7	6628550	2003/09/30	08938-US-PA	PT-AP-0107-US
8	6642111	2003/11/04	09168-US-PA	PT-AP-0116-US
9	6766208	2004/7/20	89598-US-PA	PT-AP-0094-US
10	6706602	2004/03/16	09361-US-PA	PT-AP-0120-US
11	6794710	2004/09/21	09134-US-PA	PT-AP-0115-US
12	6659847	2003/12/9	89597-US-PA	PT-AP-0093-US
13	6670254	2003/12/30	08870-US-PA	PT-AP-0104-US
14	6870212	2005/03/22	09069-US-PA	PT-AP-0110-US
15	6778438	2004/8/17	89604-US-PA	PT-AP-0101-US
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18	6770925	2004/08/03	09360-US-PA	PT-AP-0119-US
19	6639836	2003/10/28	09359-US-PA	PT-AP-0118-US
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22	6765260	2004/07/20	09191-US-PA	PT-AP-0117-US
23	6855598	2005/2/15	89611-US-PA	PT-AP-0126-US
24	6807454	2004/10/19	89603-US-PA	PT-AP-0100-US
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31	6774428	2004/08/10	09918-US-PA	PT-AP-0130-US
32	6770934	2004/08/03	10326-US-PA	PT-AP-0149-US
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35	6766213	2004/7/20	89616-US-PA	PT-AP-0146-US
36	6923188	2005/8/2	89622-US-PA	PT-AP-0173-US
37	6737700	2004/5/18	89613-US-PA	PT-AP-0136-US
38	7461472	2008/12/09	10619-US-PA	PT-AP-0145-US

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39	6843833	2005/01/18	10682-US-PA	PT-AP-0163-US
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44	6768162	2004/07/27	10847-US-PA	PT-AP-0175-US
45	7255114	2007/08/14	10573-US-PA	PT-AP-0153-US
46	6911690	2005/06/28	11040-US-PA	PT-AP-0176-US
47	6811662	2004/11/02	10683-US-PA	PT-AP-0164-US
48	6815758	2004/11/09	11041-US-PA	PT-AP-0177-US
49	6881590	2005/4/19	89625-US-PA	PT-AP-0180-US
50	6898539	2005/5/24	89610-US-PA	PT-AP-0125-US
51	6917070	2005/7/12	89607-US-PA-1	PT-AP-0105-US-DIV
52	6897521	2005/05/24	11422-US-PA	PT-AP-0187-US
53	6757208	2004/6/29	89618-US-PA	PT-AP-0151-US
54	7008733	2006/3/7	89623-US-PA	PT-AP-0178-US
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56	6963105	2005/11/8	89612-US-PA	PT-AP-0133-US
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59	6865434	2005/3/8	89621-US-PA	PT-AP-0162-US
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70	7049189	2006/05/23	12694-US-PA	PT-AP-0233-US
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74	6821849	2004/11/23	10847-US-PA-1	PT-AP-0175-US-DIV
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76	7038267	2006/05/02	12409-US-PA	PT-AP-0219-US
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92	6914732	2005/7/5	89619-US-PA	PT-AP-0158-US
93	7412090	2008/8/12	89652-US-PA	PT-AP-0294-US
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110	7166513	2007/01/23	11040-US-PA-1	PT-AP-0176-US-DIV2
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121	7074674	2006/07/11	14527-US-PA	PT-AP-0326-US
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133	7254759	2007/8/7	89658-US-PA	PT-AP-0325-US
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135	7196371	2007/03/27	15357-US-PA	PT-AP-0351-US
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146	7260444	2007/8/21	89661-US-PA	PT-AP-0376-US
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159	7442980	2008/10/28	16506-US-PA	PT-AP-0462-US
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162	7445993	2008/11/04	15601-US-PA	PT-AP-0375-US
163	7285450	2007/10/23	15768-US-PA	PT-AP-0391-US
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166	7355241	2008/04/08	17565-US-PA	PT-AP-0504-US
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173	7394126	2008/07/01	18402-US-PA	PT-AP-0588-US
174	7462537	2008/12/09	16319-US-PA-1	PT-AP-0439-US-DIV
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177	7321215	2008/1/22	89667-US-PA	PT-AP-0604-US
178	7679157	2010/3/16	89678-US-PA	PT-AP-0753-US
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183	7285463	2007/10/23	15362-US-PA-1	PT-AP-0364-US-DIV
184	7435642	2008/10/14	20945-US-PA	PT-AP-0715-US
185	7433750	2008/10/7	89663-US-PA	PT-AP-0428-US
186	7235444	2007/06/26	18401-US-PA-1	PT-AP-0587-US-DIV
187	7485529	2009/02/03	13281-US-PA-1	PT-AP-0279-US-DIV
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198	7855378	2010/12/21	89690-US-PA	PT-AP-1100-US
199	7429527	2008/09/30	15945-US-PA-1	PT-AP-0419-US-DIV
200	7445998	2008/11/04	14749-US-PA-1	PT-AP-0341-US-DIV
201	8140184	2012/03/20	23587-US-PA	PT-AP-0852-US
202	7855918	2010/12/21	89724-US-PA	PT-AP-1459-US

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203	7663904	2010/02/16	13992-US-PA-1	PT-AP-0311-US-DIV
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220	8390062	2013/03/05	34129-US-PA	PT-AP-1146-US
221	8441053	2013/05/14	34930-US-PA	PT-AP-1153-US
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