

PCT REQUEST

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| 0 | For receiving Office use only | |
| 0-1 | International Application No. | PCT/CN2016/112125 |
| 0-2 | International Filing Date | 26 December 2016 (26.12.2016) |
| 0-3 | Name of receiving Office and "PCT International Application" | RO/CN |
| 0-4 | Form PCT/RO/101 PCT Request | |
| 0-4-1 | Prepared Using | CEPCT Version 1.01.00 MT/FOP 20140331/0.20.5.21 |
| 0-5 | Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty | |
| 0-6 | Receiving Office (specified by the applicant) | State Intellectual Property Office of the People's Republic of China (RO/CN) |
| 0-7 | Applicant's or agent's file reference | Z16121454PCT |
| I | Title of Invention | METHODS AND APPARATUS FOR NEGATIVE OUTPUT VOLTAGE ACTIVE CLAMPING USING A FLOATING BANDGAP REFERENCE AND TEMPERATURE COMPENSATION |
| II | Applicant | |
| II-1 | This person is | Applicant only |
| II-2 | Applicant for | All designated States |
| II-4 | Name | Texas Instruments Incorporated |
| II-5 | Address | P.O.Box 655474 Mail Station 3999 Dallas, TX Texas 75243 United States of America |
| II-6 | State of nationality | US |
| II-7 | State of residence | US |
| II-8 | Telephone No. | |
| II-9 | Facsimile No. | |
| II-11 | Applicant's registration No. with the Office | |

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| III-1 | Applicant and/or inventor | |
| III-1-1 | This person is | Applicant only |
| III-1-2 | Applicant for | JP |
| III-1-4 | Name | TEXAS INSTRUMENTS JAPAN LIMITED |
| III-1-5 | Address | 24-1, Nishi-Shinjuku 6-chome Shinjuku-ku, , Tokyo, 160-8366 Japan |
| III-1-6 | State of nationality | JP |
| III-1-7 | State of residence | JP |
| III-1-11 | Applicant's registration No. with the Office | |
| III-2 | Applicant and/or inventor | |
| III-2-1 | This person is | Applicant and inventor |
| III-2-2 | Applicant for | CN |
| III-2-4 | Name (LAST, First) | XU, Wei |
| III-2-5 | Address | No. 669 Zhongyuan Road Suzhou, Jiangsu 210021 China |
| III-2-6 | State of nationality | CN |
| III-2-7 | State of residence | CN |
| III-2-11 | Applicant's registration No. with the Office | |
| III-3 | Applicant and/or inventor | |
| III-3-1 | This person is | Inventor only |
| III-3-3 | Inventor for | |
| III-3-4 | Name (LAST, First) | MA, Qingjie |
| III-3-5 | Address | Room 601, Building 57, No. 711 Zhengli Road Shanghai 200433 China |
| III-4 | Applicant and/or inventor | |
| III-4-1 | This person is | Inventor only |
| III-4-3 | Inventor for | |
| III-4-4 | Name (LAST, First) | WANG, Yang |
| III-4-5 | Address | Room 302, No. 52 Block, No. 2500 Zhongke Street, Pudong New Area Shanghai 201203 China |

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| III-5 III-5-1 III-5-3 III-5-4 III-5-5 | Applicant and/or inventor This person is Inventor for Name (LAST, First) Address | Inventor only HE, Yan 2nd Floor, No. 72 Liangxiu Road Shanghai 201203 China |
| III-6 III-6-1 III-6-3 III-6-4 III-6-5 | Applicant and/or inventor This person is Inventor for Name (LAST, First) Address | Inventor only MA, Jun 2nd Floor, No. 72 Liangxiu Road Shanghai 201203 China |
| III-7 III-7-1 III-7-3 III-7-4 III-7-5 | Applicant and/or inventor This person is Inventor for Name (LAST, First) Address | Inventor only CUI, Zhenghao Qingheyng Middle Street, No. 1 Chaoyang District Beijing 100012 China |
| III-8 III-8-1 III-8-3 III-8-4 III-8-5 | Applicant and/or inventor This person is Inventor for Name (LAST, First) Address | Inventor only XU, Jingwei 5801 Furneaux Drive Plano, Texas 75093 United States of America |

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| IV-1 | Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: | Agent |
| IV-1-1 | Name | Jeekai & Partners |
| IV-1-2 | Address | Floor 15A, Building No. 5, GTFC Plaza 9 Guang'an Road, Fengtai District Beijing 100055 China |
| IV-1-3 | Telephone No. | (86-10) 6350-9806 |
| IV-1-4 | Facsimile No. | (86-10) 6641-0215 |
| IV-1-5 | e-mail | service@jeekai.com |
| IV-1-5(a) | E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application: | as advance copies followed by paper notifications |
| IV-1-6 | Agent's registration No. | 11245 |
| V | DESIGNATIONS | |
| V-1 | The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. | |
| V-2 | Item V-2 may only be used to exclude (irrevocably) the designations concerned if, at the time of filing or subsequently under Rule 26bis.1, the international application contains in Box No. VI a priority claim to an earlier national application filed in the particular State concerned, in order to avoid the ceasing of the effect, under the national law, of this earlier national application. | |
| VI-1 | Priority Claim | NONE |
| VII-1 | International Searching Authority Chosen | State Intellectual Property Office of the People's Republic of China (ISA/CN) |

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| VIII | Declarations | Number of declarations | |
|--------------|--|------------------------------|-----------------------------|
| VIII-1 | Declaration as to the identity of the inventor | - | |
| VIII-2 | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent | - | |
| VIII-3 | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | - | |
| VIII-4 | Declaration of inventorship (only for the purposes of the designation of the United States of America) | - | |
| VIII-5 | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty | - | |
| IX | Check list | Number of sheets | Electronic file(s) attached |
| IX-1 | Request (including declaration sheets) | 6 | ✓ |
| IX-2 | Description | 24 | ✓ |
| IX-3 | Claims | 3 | ✓ |
| IX-4 | Abstract | 1 | ✓ |
| IX-5 | Drawings | 8 | ✓ |
| IX-7 | TOTAL | 42 | |
| | Accompanying Items | Paper document(s) attached | Electronic file(s) attached |
| IX-8 | Fee calculation sheet | - | ✓ |
| IX-11 | Copy of general power of attorney | - | ✓ |
| IX-18 | PCT-SAFE physical media | - | - |
| IX-20 | Figure of the drawings which should accompany the abstract | 12 | |
| IX-21 | Language of filing of the international application | English | |
| X-1 | Signature of applicant, agent or common representative | /Robin R. Zhao/ | |
| X-1-1 | Name | Jeekai & Partners | |
| X-1-2 | Name of signatory | Jeekai & Partners | |
| X-1-3 | Capacity (if such capacity is not obvious from reading the request) | Agent | |

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| 10-1 | Date of actual receipt of the purported international application | 26 December 2016 (26.12.2016) |
| 10-2 | Drawings: | |
| 10-2-1 | Received | |
| 10-2-2 | Not received | |
| 10-3 | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application | |
| 10-4 | Date of timely receipt of the required corrections under PCT Article 11(2) | |
| 10-5 | International Searching Authority | ISA/CN |
| 10-6 | Transmittal of search copy delayed until search fee is paid | |

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| 11-1 | Date of receipt of the record copy by the International Bureau | |
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