

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Applicant(s): ZTE Corporation

Inventor(s): Bo GAO et al.

Application No.: Unassigned

Confirmation No.: Unassigned

Filing Date: Unassigned

Title: WIRELESS POWER CONTROL
TECHNIQUES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION AND ASSIGNMENT BY INVENTOR
UNDER RULE 37 C.F.R. § 1.63

This declaration and assignment is made by

Bo GAO, Zhaohua LU, Ke YAO, Xiaolong GUO, and Yang ZHANG.

I believe I am the original inventor or an original joint inventor of a claimed invention in a patent application attached hereto and:

identified as Attorney Docket No. 125096.9162.US00, and which claims the benefit of priority of PCT International Application No. PCT/CN2023/128555, filed on October 31, 2023.

The above-identified application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified patent application including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in the above declaration is punishable under 18 USC §1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

I hereby assign to ZTE Corporation, a corporation of P.R. China, having a place of business at ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan, Shenzhen, Guangdong 518057, P.R. China, and its successors and assigns (collectively hereinafter called “the Assignee”), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in an application for United States Patent, entitled *WIRELESS POWER CONTROL TECHNIQUES*, filed on April 23, 2026 and assigned U.S. Application Number 19/656,651, and which claims the benefit of priority of PCT International Application No. PCT/CN2023/128555, filed on October 31, 2023. I authorize and request an attorney appointed in said application to hereafter insert above the filing date and application number of said application when known.

This assignment includes the entire right, title and interest in said application(s), all legal equivalents thereof in any country, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all certificates issued in any post-grant proceeding, and extensions of said application(s) and patents of the United States, foreign patents, utility models, and design registrations, and the right to claim priority based on the filing date of said application(s) under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. I authorize the Assignee to apply in all countries in my name or in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

In addition, I hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements by operation of an employment agreement between me and the Assignee existing at the time said inventions and improvements were made. Should I have any remaining interest, I hereby sell, assign, and transfer to the Assignee any right, title and interest I may have in said inventions and improvements anywhere in the world.

The foregoing assignments, sale and transfer have been made for good and valuable consideration, the receipt of which is hereby acknowledged.

I hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

I further covenant for myself and my respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to me and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application(s), said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

Inventor : Bo GAO et al.
Appl. No. : Unassigned
Filed : Unassigned
Page : 4 of 4

Docket No. 125096.9162.US00

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor: Bo GAO

Inventor's signature: _____

Date: _____

Full name of inventor: Zhaohua LU

Inventor's signature: _____

Date: _____

Full name of inventor: Ke YAO

Inventor's signature: _____ Ke YAO

Date: _____ 2026-3-26

Full name of inventor: Xiaolong GUO

Inventor's signature: _____

Date: _____

Full name of inventor: Yang ZHANG

Inventor's signature: _____

Date: _____

Perkins Coie LLP
P.O. Box 1247
Seattle, Washington 98111-1247
Telephone: (858) 720-5700
Facsimile: (206) 359-7198

Inventor : Bo GAO et al.
Appl. No. : Unassigned
Filed : Unassigned
Page : 4 of 4

Docket No. 125096.9162.US00

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor: Bo GAO

Bo Gao

Inventor's signature: _____

Date: 2026-03-26 _____

Full name of inventor: Zhaohua LU

Inventor's signature: _____

Date: _____

Full name of inventor: Ke YAO

Inventor's signature: _____

Date: _____

Full name of inventor: Xiaolong GUO

Inventor's signature: _____

Date: _____

Full name of inventor: Yang ZHANG

Inventor's signature: _____

Date: _____

Perkins Coie LLP
P.O. Box 1247
Seattle, Washington 98111-1247
Telephone: (858) 720-5700
Facsimile: (206) 359-7198

Inventor : Bo GAO et al.
Appl. No. : Unassigned
Filed : Unassigned
Page : 4 of 4

Docket No. 125096.9162.US00

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor: Bo GAO

Inventor's signature: _____

Date: _____

Full name of inventor: Zhaohua LU

Inventor's signature: *Zhaohua Lu* _____

Date: 2026-3-26 _____

Full name of inventor: Ke YAO

Inventor's signature: _____

Date: _____

Full name of inventor: Xiaolong GUO

Inventor's signature: _____

Date: _____

Full name of inventor: Yang ZHANG

Inventor's signature: _____

Date: _____

Perkins Coie LLP
P.O. Box 1247
Seattle, Washington 98111-1247
Telephone: (858) 720-5700
Facsimile: (206) 359-7198

Inventor : Bo GAO et al.
Appl. No. : Unassigned
Filed : Unassigned
Page : 4 of 4

Docket No. 125096.9162.US00

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor: Bo GAO

Inventor's signature: _____

Date: _____

Full name of inventor: Zhaohua LU

Inventor's signature: _____

Date: _____

Full name of inventor: Ke YAO

Inventor's signature: _____

Date: _____

Full name of inventor: Xiaolong GUO

Inventor's signature: Xiaolong GUO

Date: 2026.3.27

Full name of inventor: Yang ZHANG

Inventor's signature: _____

Date: _____

Perkins Coie LLP
P.O. Box 1247
Seattle, Washington 98111-1247
Telephone: (858) 720-5700
Facsimile: (206) 359-7198

Inventor : Bo GAO et al.
Appl. No. : Unassigned
Filed : Unassigned
Page : 4 of 4

Docket No. 125096.9162.US00

I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

Full name of inventor: Bo GAO

Inventor's signature: _____

Date: _____

Full name of inventor: Zhaohua LU

Inventor's signature: _____

Date: _____

Full name of inventor: Ke YAO

Inventor's signature: _____

Date: _____

Full name of inventor: Xiaolong GUO

Inventor's signature: _____

Date: _____

Full name of inventor: Yang ZHANG

Inventor's signature: _____ *ZHANG, Yang*

Date: _____ 2026-04-03

Perkins Coie LLP
P.O. Box 1247
Seattle, Washington 98111-1247
Telephone: (858) 720-5700
Facsimile: (206) 359-7198