

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YOSHITOMO TERAOKA	02/21/2019
KENTA NAKAMURA	02/21/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HAKKO CORPORATION
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<b>City:</b>	OSAKA-CITY, OSAKA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	556-0024
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16142052
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	HAK25
<b>NAME OF SUBMITTER:</b>	DAVID B. ABEL
<b>SIGNATURE:</b>	/David B. Abel/
<b>DATE SIGNED:</b>	02/22/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 1</b>	
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### ASSIGNMENT

WHEREAS, Yoshitomo Teraoka and Kenta Nakamura, each residing at Osaka, Japan, the undersigned inventor(s) (herein "ASSIGNORS"), are the owners of all right, title and interest in and to an invention entitled "Cordless Soldering Iron" and in the application serial no. 16/142,052 filed on September 26, 2018.

WHEREAS, Hakko Corporation (herein "ASSIGNEE") is a corporation organized and existing under the law of Japan having a place of business at 2-4-5 Shiokusa Naniwaku, Osaka-City, Osaka, Japan, 556-0024. ASSIGNEE desires to acquire the entire right, title and interest in and to the inventions, applications and Letters of Patent to be granted and issued for the inventions disclosed in the application and any subsequent and/or related applications claiming priority thereto.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and to hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said inventions and improvements, and said application and all divisions, continuations, and continuations-in-part thereof, and all United States Letters Patent which may be granted thereon and all reissues, reexaminations and Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, continuations-in-part, divisions, extensions, renewals, substitutes, reissues, and reexams thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

WE HEREBY covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, reissue and reexam applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereby set my hand this 2/ day of February, 2019.

  
Yoshitomo Teraoka

IN TESTIMONY WHEREOF, I hereby set my hand this 2/ day of February, 2019.

  
Kenta Nakamura

PATENT