

# PATENT ASSIGNMENT

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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>
Mitsuhiko Miyazaki	04/13/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Hakko Corporation
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<b>City:</b>	Osaka Prefecture
<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>	12420362
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<b>Total Attachments: 2</b> source=47434.96-assign#page1.tif source=47434.96-assign#page2.tif	

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**PATENT**  
**REEL: 022539 FRAME: 0132**

ASSIGNMENT

(1) Insert Name(s) of Inventor(s) (1) Mitsuhiro Miyazaki

For good and valuable consideration, receipt of which is hereby acknowledged, the undersigned agree(s) to assign, hereby do(es) assign, transfer and set over to:

(2) Insert Name of Assignee (2) Hakko Corporation

(3) Insert Country of Incorporation of Assignee (3) JAPAN

(4) Insert Address of Assignee (4) of: 4-5, Shiokusa 2-chome, Naniwa-ku, Osaka City,  
Osaka Prefecture, 556-0024 Japan

(hereinafter designated as the Assignee) the entire worldwide right, title, interest, and patent applications and patents for every country, including divisions, reissues, continuations and all other extensions, rights and priorities in the invention known as and related to

(5) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (5) System and Method for Induction Heating of a Soldering Iron

(Case No. 047434.00096) (Serial No. 12/420,362) for which the undersigned has (have) executed an application for patent in the United States of America

(6) Insert Date of Signing of Application (6) on April 8, 2009.

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, its successors and assigns, as Assignee of the entire right, title and interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute any agreement in conflict herewith.
- 6) *The undersigned hereby grant(s) practitioners associated with Customer Number*

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*the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.*

Date

04/13/2009

Name of Inventor

Mitsuhiko Miyazaki  
Mitsuhiko Miyazaki