ATE NO OF	
	~ ~
APR 27 2006	05-01-2006
APH 24	TMENT OF COMMERC
4076 PATER	103228427
To the Director of the U.S. Patent and Trademark Office: P	lease record the attached documents or the new address(es) below.
1. Name of conveying party(ies)/Execution Date(s	
Hakko Products, Inc. 28920 North Avenue Williams	Name: <u>Hakko Corporation</u> Internal Address:
Valencia California 91355-4182	
Execution Date(s) April 17, 2006	Street Address 4.5 Shieleye 2 shows
Additional name(s) of conveying party(ies) attached? Yes	
3. Nature of conveyance:	Naniwa-ku, Osaka-City,
Assignment Merger	City: Osaka Prefecture
Security Agreement Change of Name	State:
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: Japan Zip: 556-0024
Other	Additional name(s) & address(es) attached? Yes Vo
Other 4. Application or patent number(s):	Additional name(s) & address(es) attached? Yes V No
Other	Additional name(s) & address(es) attached? Yes Vo
Other 4. Application or patent number(s): A. Patent Application No.(s)	Additional name(s) & address(es) attached? Yes V No
Other 4. Application or patent number(s): A. Patent Application No.(s)	Additional name(s) & address(es) attached? Yes V No nis document is being filed together with a new application B. Patent No.(s)
Other Application or patent number(s): Th A. Patent Application No.(s) 11/138,656 Additional numbers S. Name and address to whom correspondence concerning document should be mailed:	Additional name(s) & address(es) attached? Yes V No nis document is being filed together with a new application B. Patent No.(s)
Other 4. Application or patent number(s): Th A. Patent Application No.(s) 11/138,656 Additional numbers 5. Name and address to whom correspondence	Additional name(s) & address(es) attached? Yes V No his document is being filed together with a new application B. Patent No.(s) attached? Yes VNo 6. Total number of applications and patents involved: 1
Other 4. Application or patent number(s): Th A. Patent Application No.(s) 11/138,656 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed:	Additional name(s) & address(es) attached? Yes V No nis document is being filed together with a new application B. Patent No.(s) attached? Yes VNo 6. Total number of applications and patents
Other Application or patent number(s): Th A. Patent Application No.(s) 11/138,656 Additional numbers Additional numbers S. Name and address to whom correspondence concerning document should be mailed: Name: Hisako Muramatsu Internal Address:	Additional name(s) & address(es) attached? ☐ Yes ✓ No nis document is being filed together with a new application B. Patent No.(s) • attached? ☐ Yes ✓ No • Total number of applications and patents involved: 1 • 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 • Authorized to be charged by credit card • Authorized to be charged to deposit account
Other Application or patent number(s): The Application No.(s) 11/138,656 Additional numbers S. Name and address to whom correspondence concerning document should be mailed: Name: Hisako Muramatsu Internal Address: Street Address: 801 S. Figueroa Street	Additional name(s) & address(es) attached? Yes Yes No his document is being filed together with a new application B. Patent No.(s) attached? Yes ✓ No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 \$40.00 Authorized to be charged by credit card Authorized to be charged to deposit account ✓ Enclosed Yes
Other Application or patent number(s): The Application No.(s) 11/138,656 Additional numbers S. Name and address to whom correspondence concerning document should be mailed: Name: Hisako Muramatsu Internal Address: Street Address: 801 S. Figueroa Street 14th Floor	Additional name(s) & address(es) attached? Yes Yes ✓ No his document is being filed together with a new application B. Patent No.(s) attached? Yes ✓ No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account ✓ Enclosed None required (government interest not affecting title)
Other	Additional name(s) & address(es) attached? ☐ Yes ☑ No his document is being filed together with a new application B. Patent No.(s) attached? ☐ Yes ☑ No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 △ Authorized to be charged by credit card △ Authorized to be charged to deposit account ☑ Enclosed ○ None required (government interest not affecting title) 8. Payment Information
Other Application or patent number(s): Th A. Patent Application No.(s) 11/138,656 Additional numbers S. Name and address to whom correspondence concerning document should be mailed: Name: Hisako Muramatsu Internal Address: Street Address: 801 S. Figueroa Street 14th Floor City: Los Angeles State: CA 2ip: 90017	Additional name(s) & address(es) attached? Yes Yes ✓ No his document is being filed together with a new application B. Patent No.(s) attached? Yes ✓ No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account ✓ Enclosed None required (government interest not affecting title)
Other Application or patent number(s): The Application No.(s) 11/138,656 Additional numbers Additional numbers S. Name and address to whom correspondence concerning document should be mailed: Name: Hisako Muramatsu Internal Address: Street Address: 801 S. Figueroa Street 14th Floor City: Los Angeles State: CA Zip: 90017 Phone Number: (213) 690-5152	Additional name(s) & address(es) attached? ☐ Yes ☑ No his document is being filed together with a new application B. Patent No.(s) eattached? ☐ Yes ☑ No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 ☐ Authorized to be charged by credit card ☐ Authorized to be charged to deposit account ☑ Enclosed ☐ None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers
Other Application or patent number(s): Th A. Patent Application No.(s) 11/138,656 Additional numbers S. Name and address to whom correspondence concerning document should be mailed: Name: Hisako Muramatsu Internal Address: Street Address: 801 S. Figueroa Street 14th Floor City: Los Angeles State: CA	Additional name(s) & address(es) attached? ☐ Yes ☑ No his document is being filed together with a new application B. Patent No.(s) attached? ☐ Yes ☑ No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 △ Authorized to be charged by credit card △ Authorized to be charged to deposit account ☑ Enclosed ○ None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers
Other Other Application or patent number(s): Th A. Patent Application No.(s) 11/138,656 Additional numbers Additional numbers Additional numbers S. Name and address to whom correspondence concerning document should be mailed: Name: Hisako Muramatsu Internal Address: Street Address: 801 S. Figueroa Street 14th Floor City: Los Angeles State: CA	Additional name(s) & address(es) attached? Yes No his document is being filed together with a new application B. Patent No.(s) # attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account V Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number Authorized User Name
Other Application or patent number(s): Th A. Patent Application No.(s) 11/138,656 Additional numbers S. Name and address to whom correspondence concerning document should be mailed: Name: Hisako Muramatsu Internal Address: Street Address: 801 S. Figueroa Street 14th Floor City: Los Angeles	Additional name(s) & address(es) attached? ☐ Yes ☑ No his document is being filed together with a new application B. Patent No.(s) attached? ☐ Yes ☑ No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 △ Authorized to be charged by credit card △ Authorized to be charged to deposit account ☑ Enclosed ○ None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mall Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Doc ID 208581.1

ASSIGNMENT

譲渡書

良好及び価値ある対価(その受領及び十分性を 本書において承認する)を約因として、下記署 名者(以下「譲渡人」)は、本書により、	For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned ("ASSIGNOR") hereby assign(s), transfer(s) and set(s) over to:	
Hakko Corporation 4-5, Shiokusa 2-chome, Naniwa-ku, Osaka-City, Osaka Prefecture, 556-0024 JAPAN	Hakko Corporation 4-5, Shiokusa 2-chome, Naniwa-ku, Osaka City, Osaka Prefecture, 556-0024 JAPAN	
(以下「譲受人」)、その承継及び譲受人に対 し、発明に対する譲渡人の米国での全ての権 利、権原及び権益、全ての特許出願、それに対 して授与される特許状(当該出願書、及びそれ に対して授与される米国の特許状全てを含 む)、並びにこれらの分割、再発行、継続及び 延長を移転しかつ譲渡する。当該権益とは、当 該特許状が当該譲受人、その承継人、譲受人、 法定代理人に与えられた時点から、その全期間 が終了するまでの間における、もし譲渡がなか ったならば譲受人が享受したであろう同様な当 該特許状の完全な所有を意味する。出願は以下 の名称で知られる。	(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the Assignor's entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been enjoyed by assignor(s) if this assignment had not been made, the application being known by the title:	
Soldering iron with replaceable tip	Soldering iron with replaceable tip	
弁護士登録番号: 47434.79	Attorney Docket No.: 47434.79	
これにつき下記署名者は、本書と同日において 米国特許出願書に調印した。本書は、出願書と 同時には提出されず、以下の特定情報が調印後 に追加されえる。	for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:	
シリアル番号 出願日 11/138,656 平成 17 年 5 月 25 日	Serial No. Filing Date: 11/138,656 May 25, 2005	

-#206826-v2-47434_79_Assignment_

.

٩,..

1. 下記署名者は、本書により、上述の出願書 の作成あるいは、継続出願、一部継続出願、代 替出願、分割出願、更新出願、再審査出願もし くは再発行出願の作成・手続又はその修正、抵 触手続の延長その他譲受人にそれらの権原を保 証するために必要、合法及び適切な追加文書及 び証書に署名しかつ調印することに合意する。	1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the preparation of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.
2. 下記署名者は、同様な工業所有権の保護に 関する国際条約のクレームや条項に関して必要 な全ての書類や文書に署名し、また必要な行為 を行うことに合意する。	2. 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 of similar agreements.
3. 下記署名者は、譲受人に授与する有効な米 国特許を取得するために必要な全ての積極的行 為を行うことに合意する。	3. The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid Untied States patent to the ASSIGNEE.
4. 下記署名者は、本書により、米国特許庁長 官に対し、当該出願又はその分割あるいは継続 出願から生じる全ての特許状を当該譲受人に対 して発行することを認めかつこれを要請する。	4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.
5. 下記署名者は、本書により、スクワイヤ ー・サンダース&デンプシー法律事務所に対 し、米国特許商標庁の規則に従うために本書の 登録に必要又は適切な更なる情報を本書に追加 する権限を与える。	5. The undersigned hereby grant(s) to the firm of Squire, Sanders & Dempsey L.L.P. the power to insert on this agreement 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.

•

•

•

, ÷

-#206826-v2-47434_79_Assignment_

ļ

	下記署名者は、その氏名の左 において署名した。		EREBY, executed by the date(s) opposite the s).
Apr.17,2006 日付	長名:藤原 均史 職務: 社長 American Hakko Products, Inc. 28920 North Avenue Williams Valencia, California 91355-4182	Apr.17,2006 Date	Typed Name: Hitoshi Fujiwara Title: President American Hakko Products, Inc. 28920 North Avenue Williams Valencia, California 91355-4182

本譲渡書は、米国公証人の面前、又は以下に同 様に署名する少なくとも2名の証人の前で署名 できる。

This assignment may be signed before a U.S. Notary Public or before at least two witnesses who also sign here.

1.5

Apr.17,2006	恩田誠	Apr.17,2006	Manal Maa
日付	氏名: 恩田 誠	Date	Typed Name: Makoto Onda
······		······	
Apr.17,2006	京部正之	Apr.17,2006	Thiysle
日付	氏名: 宮部 正之	Date	Typed Name: Masayuki Miyabe

-#206826-v2-47434_79_Assignment_

Ĵ

PATENT REEL: 017817 FRAME: 0924

RECORDED: 04/27/2006