

Form PTO-1595  
(Rev. 10/02)  
OMB No. 0651-0027 (Exp. 6/30/2005)



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102552860

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

9.5.03

Trebor Heminway  
Brian Massey  
Michael Powers  
Russel S. Sossong

2. Name and address of receiving party(ies):

Name: Matsushita Electric Industrial Co.,

Internal Address:

Street Address: 1006 Oaza Kadoma

City: Kadoma-shi

State: Osaka

Zip: 571-8501

Country: JAPAN

Additional name(s) of conveying party(ies) attached?  YES  NO

3. Nature of Conveyance:

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- Other

Additional name(s) & address(es) attached?  YES  NO

Execution Date: September 3, 2003

4. Application number(s) or patent number(s):

10656392

If this document is being filed together with a new application, the execution date of the application is: September 3, 2003

A. Patent Application Number(s) \_\_\_\_\_

B. Patent Number(s) \_\_\_\_\_

Additional number(s) attached?  YES  NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kenneth N. Nigon  
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Street Address: Suite 301  
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ZIP: 19482-0980

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1007 Orange Street  
Suite 1100, P.O. Box 1596  
City: Wilmington State: DE  
ZIP: 19899

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- Enclosed
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8. Deposit account number: 18-0350  
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kenneth N. Nigon

31,549

9/5/03

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Signature

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Total Number of Pages including cover sheet, attachments and documents: 3

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10/656392  
09/05/03

# ASSIGNMENT - Patent Application

Docket Number: **MKPA-107US**

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/ INVENTOR(s)	1. <b>Trebor Hemingway</b>	2. <b>Brian Massey</b>
	3. <b>Michael Powers</b>	4. <b>Russel S. Sossong</b>
	5.	6.

made an invention entitled: **SOLDER PREFORM FOR LOW HEAT STRESS LASER SOLDER ATTACHMENT**

for which an application for Letters Patent of the United States:

*(Select one of the following):*

- is executed concurrently herewith  
 was filed in the U.S. Patent and Trademark Office on \_\_\_\_\_,  
as U.S. Patent Application Serial No.: \_\_\_\_\_

ASSIGNEE  
(Full Name and Address)**Matsushita Electric Industrial Co., Ltd.  
1006, Oaza Kadoma, Kadoma-shi  
Osaka 571-8501  
JAPAN**

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

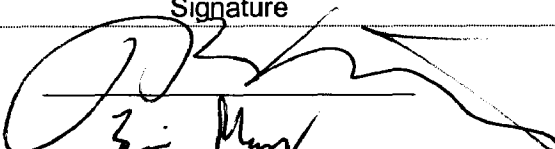

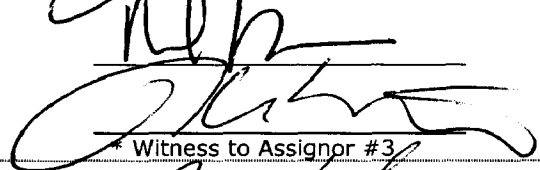
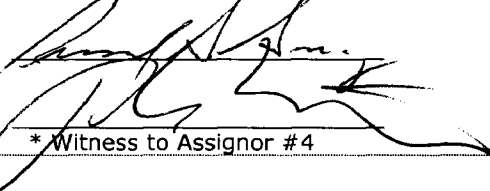
# ASSIGNMENT - Patent Application

Docket Number: **MKPA-107US**

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

Typed or Printed Name	Signature	Date
1. Trebor Hemingway	 * Witness to Assignor #1	9/3/03 9/3/03
2. Brian Massey	 * Witness to Assignor #2	9/3/03 9/3/03
3. Michael Powers	 * Witness to Assignor #3	9/3/03 9/3/03
4. Russel S. Sossong	 * Witness to Assignor #4	9-3-03 9/3/03
5.	_____ * Witness to Assignor #5	_____
6.	_____ * Witness to Assignor #6	_____

Application for United States Letters Patent:

Serial No.: \_\_\_\_\_

Filed: \_\_\_\_\_

Attorney Docket Number: **MKPA-107US**

Total Number of Assignment Pages **2**

\* Witness signature recommended, mandatory for some countries