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COVER SHEET

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1 Rec'd PTO 24 MAY 2002  
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5-24-02  
Yasuji KAWASHIMA, Kenichiro SUETSUGU, Shunji  
HIBINO, Hiroaki TAKANO, Tatsuo OKUJI, Shoshi  
KABASHIMA, Yukio MAEDA and Mikiya NAKATA

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

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
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Execution Date: April 19, 23-25, 2002 and May 7, 2002

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

Name: Matsushita Electric Industrial Co., Ltd.Street Address: 1006, Oaza Kadoma, Kadoma-shiCity: Osaka Country: Japan 571-8501

Additional name(s) &amp; address(es) attached? NO

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

10130996

If this document is being filed together with a new application, the execution date of the application is: April 19, 23-25, 2002 and May 7, 2002

A. Patent Application No.(s)  
NEW, filed May 24, 2002

B. Patent No.(s)  
, issued

Additional numbers attached? NO

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

Name: WENDEROTH, LIND & PONACK, L.L.P.  
Attn: Michael S. Huppert, Esq.

Street Address: 2033 K Street, N.W., Suite 800City: Washington, State: DC ZIP: 20006-10216. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41). . . . . \$40.00

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Name of Person Signing

*Michael S. Huppert*  
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May 24, 2002  
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# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Yasuji KAWASHIMA, Kenichiro SUETSUGU, Shunji HIBINO,

Hiroaki TAKANO, Tatsuo OKUJI, Shoshi KABASHIMA, Yukio MAEDA

and Mikiya NAKATA

Insert Name(s)  
of Inventor(s)

the undersigned hereby sell(s) and assign(s) to

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Insert Name(s)  
of Assignee(s)

Address

of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

METHOD FOR APPLYING FLUX, FLOW SOLDERING PROCESS, AND APPARATUSES

Title of  
Invention

FOR THEM AND ELECTRONIC CIRCUIT BOARD

Date of Signing  
Application

for which an application for patent in the United States has been executed by the undersigned on Apr. 24, 2002, May 7, 2002, Apr. 19, 2002, Apr. 19, 2002, Apr. 23, 2002, Apr. 23, 2002, May 7, 2002 and Apr. 25, 2002

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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.

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.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire 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.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, 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 Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Apr 24, 2002, Name of Inventor Yasuji Kawasima  
Date May 7, 2002, Name of Inventor Idemichiro Suetengu  
Date Apr 19, 2002, Name of Inventor Shunji Hibino  
Date Apr 19, 2002, Name of Inventor Kiroaki Takano  
Date Apr 23, 2002, Name of Inventor Tatsuo Okuyi  
Date Apr 23, 2002, Name of Inventor Shoshi Kabashima  
Date May 7, 2002, Name of Inventor Yukie Maeda  
Date Apr 25, 2002, Name of Inventor Mikiya Nakata

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Shinichiro Hori  
Witness Heisei Yamamura

## ACKNOWLEDGMENT

\_\_\_\_\_  
\_\_\_\_\_) SS

This \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_, before me  
personally came the above-named \_\_\_\_\_

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

\_\_\_\_\_  
Official Signature

\_\_\_\_\_  
Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. \_\_\_\_\_ Filing Date May 24, 2002  
Applicant Reference No. \_\_\_\_\_ Atty. Docket No. 2002-06947  
Title of Invention \_\_\_\_\_