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Youichi NAKAMURA; Kunio SAKURAI; Kazumasa OKUMURA; Ken TAKANO; Minoru YAMAMOTO; Hirokazu HONKAWA; Kentaro NISHIWAKI; and Yoshihiko MISAWA  
*12-11-02*

2. Name and address of receiving party(ies):  
Name: Matsushita Electric Industrial Co., Ltd.  
Street Address: 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu, Japan

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

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 Assignment                       Merger  
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Execution Date: August 20, 21, 26 and 30, 2002



4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is:  
A. Patent Application No.(s)  
10/201,267

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 800  
City: Washington, State: DC ZIP: 20006-1021

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41). . . . . \$40.00  
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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.*

Michael S. Huppert, Reg. No. 40,268  
Name of Person Signing

*Michael S. Huppert*  
Signature

December 11, 2002  
Date

Total number of pages including cover sheet: 3

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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

Youichi NAKAMURA, Kunio SAKURAI, Kazumasa OKUMURA, Ken TAKANO,

Minoru YAMAMOTO, Hirokazu HONKAWA, Kentaro NISHIWAKI, and

Yoshihiko MISAWA

Insert Name(s)  
of Inventor(s)

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

Matsushita Electric Industrial Co., Ltd.

of 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu, Japan

Insert Name(s)  
of Assignee(s)

Address

(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

ELECTRONIC COMPONENT PLACING APPARATUS AND MOUNTED-BOARD PRODUCING  
APPARATUS

Title of  
Invention

Date of Signing  
of Application

for which an application for patent in the United States has been executed by the undersigned on August 21, August 30, August 21, August 26, August 21, August 20, August 20, and August 20, 2002, respectively

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 8/21/2002, Name of Inventor Youichi Nakamura  
 Youichi NAKAMURA

Date 8/30/2002, Name of Inventor Kunio Sakurai  
 Kunio SAKURAI

Date 8/21/2002, Name of Inventor Kazumasa Okumura  
 Kazumasa OKUMURA

Date 8/26/2002, Name of Inventor Ken Takano  
 Ken TAKANO

Date 8/21/2002, Name of Inventor Minoru Yamamoto  
 Minoru YAMAMOTO

Date 8/20/2002, Name of Inventor Hirokazu Honkawa  
 Hirokazu HONKAWA

Date 2002/8/20, Name of Inventor Kentaro Nishiwaki  
 Kentaro NISHIWAKI

Date 8/20/2002, Name of Inventor Yoshihiko Misawa  
 Yoshihiko MISAWA

(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 [Signature]

Witness Keisei Yamamura

### ACKNOWLEDGEMENT

\_\_\_\_\_ } ss  
 \_\_\_\_\_ }

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, 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. 10/201,267 Filing Date July 24, 2002  
 Applicant Reference Number 536080 Atty Docket No. 2002\_0967A  
 Title of Invention ELECTRONIC COMPONENT PLACING APPARATUS AND MOUNTED-BOARD PRODUCING APPARATUS