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To the Honorable Assistant Secretary and/or copy(ies) thereof.

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1. Name of conveying party(ies):
Daido KOMYOJI; Naoko MATSUDA; Akira FUKANO;
Katsutoshi OGAWA; Akira KUMON; and Hiroyuki NAKA

10/15/01

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

Additional name(s) & address(es) attached? No

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Execution Date: August 1, 2001

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) 09/892,737
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
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Signature
October 15, 2001
Date
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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

Daido KOMYOJI, Naoko MATSUDA, Akira FUKANO,

Katsutoshi OGAWA, Akira KUMON, and Hiroyuki NAKA

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)

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

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

METHOD AND APPARATUS FOR FORMING PATTERN ONTO PANEL
SUBSTRATE

Title of
Invention

for which an application for patent in the United States has been executed by the undersigned on

August 1, 2001

Date of Signing
of Application

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 1. Aug. 2001, Name of Inventor Daido Komyoji
 Daido KOMYOSHI
 Date 1. Aug. 2001, Name of Inventor Naoko Matsuda
 Naoko MATSUDA
 Date 1. Aug. 2001, Name of Inventor Akira Fukano
 AKIRA FUKANO
 Date 1. Aug. 2001, Name of Inventor Katsutoshi Ogawa
 KATSUTOSHI OGAWA
 Date 1. Aug. 2001, Name of Inventor Akira Kumon
 AKIRA KUMON
 Date 1. Aug. 2001, Name of Inventor Hiroyuki Naka
 HIROYUKI NAKA

(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 Toshiko Akana

Witness Yasuo Enomoto

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.

 Official Signature

 Official Title

SEAL

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date June 28, 2001
 Applicant Reference Number 533274 Atty Docket No. 2001 0921A
 Title of Invention METHOD AND APPARATUS FOR FORMING PATTERN ONTO PANEL
SUBSTRATE