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FORM PTO-1595 (modified)

05-10-2005

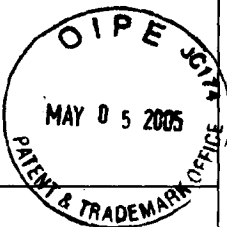
R SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeTo the Honorable Assistant Secretary
thereof.

102998482

Remarks: Please record the attached original document.

1. Name of conveying party(ies):

Naoichi CHIKAHISA; Hiroshi YAMAUCHI;
Jun SHIRAI; Toshiaki YAMAUCHI;
Yoshiyuki FUJITA; and Masanori IWASAKI

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

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

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ OtherExecution Date: December 9, December 10, December 15
and December 24, 2004

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

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)
10/969,867B. 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☒ Enclosed (Check No. 168092)
Authorized to be charged to deposit account8. Deposit account number: 23-0975

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9. Statement and signature.

*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
SignatureMay 5, 2005
DateTotal number of pages including cover sheet: 3

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TO CHARGE ANY DEFICIENCY IN
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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

Naoichi CHIKAHISA,

Hiroshi YAMAUCHI,

Jun SHIRAI,

Toshiaki YAMAUCHI,

Yoshiyuki FUJITA, and Masanori IWASAKI

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

Matsushita Electric Industrial Co., Ltd.

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

PRINTING APPARATUS AND METHOD FOR BONDING MATERIAL

for which an application for patent in the United States has been executed by the undersigned on December 10, December 24, December 9, December 9, December 10, and December 15, 2004

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 December 10, 2004, Name of Inventor Naolichi Chikahisa
Naolichi CHIKAHISA
Date December 24, 2004, Name of Inventor Hiroshi Yamauchi
HIROSHI YAMAUCHI
Date December 9, 2004, Name of Inventor Jun Shirai
Jun SHIRAI
Date December 9, 2004, Name of Inventor Toshiaki Yamauchi
Toshiaki YAMAUCHI
Date December 10, 2004, Name of Inventor Yoshiyuki Fujita
Yoshiyuki FUJITA
Date December 15, 2004, Name of Inventor Masanori Iwasaki
Masanori IWASAKI

(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 Daido Komazaki
Witness Hiroshi Wada

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. 10/969,867 Filing Date October 22, 2004
Applicant Reference Number 541046 Atty Docket No. 2004_1663A
Title of Invention PRINTING APPARATUS AND METHOD FOR BONDING MATERIAL