

07-26-1999

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Assistant Commissioner for Patents:

101100686

ent(s) or copy(ies) thereof.

1. Name of conveying party(ies):

Hiroki KUSAKABE
Masuo TAKIGAWA

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

Name: Matsushita Electric Industrial Co., Ltd.Street Address: 1006, Oaza Kadoma, Kadoma-shi,
Osaka 571-8501 JapanAdditional name(s) of conveying party(ies) attached? No

3. Nature of conveyance:

☒ Assignment Merger
Security Agreement Change of Name
OtherExecution Date: June 25, 1999Additional 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: June 25, 1999

A. Patent Application No.(s)

B. Patent No.(s)

09/343680

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.Internal Address: Michael R. Davis, Esq.Street Address: 2033 K Street, N.W., Suite 800City: Washington, State: DC ZIP: 200066. Total number of applications and patents involved: 17. Total fee (37 C.F.R. § 3.41). \$ 40.00☒ Enclosed [Check No. _____]
☐ Authorized to be charged to deposit account8. Deposit account number: 23-0975

(Attach duplicate copy of this page if paying by deposit account)

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0591-541 Statement and signature. 40.00 DP

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 R. Davis, Reg. No. 25,134
Name of Person Signing

Signature

June 30, 1999
DateTotal number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
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Washington, D.C. 20231THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS LATER TO DEPOSIT
ACCOUNT NO. 23-0975.

ASSIGNMENT

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

Hiroki KUSAKABE and Masuo TAKIGAWA

Insert Name(s)
of Inventor(s)

Insert Name(s)
of Assignee(s)

Address

Title of
Invention

Date of Signing
of Application

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

SKUTTERUDITE THERMOELECTRIC MATERIAL, THERMOELECTRIC COUPLE, AND
METHOD OF PRODUCING THE SAME

for which an application for patent in the United States has been executed by the undersigned on
June 25, 1999

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 June 25, 1999, Name of Inventor Niroki Kusakabe
Date June 25, 1999, Name of Inventor Masaru Tabigawa
Date _____, Name of Inventor _____
Date _____, Name of Inventor _____
Date _____, Name of Inventor _____
Date _____, Name of Inventor _____

(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 Akihiro Ishikawa
Witness Eiichiro Obuda

ACKNOWLEDGEMENT

_____ } ss
_____ }

This _____ day of _____, 19____, before me
personally came the above-named _____

I am 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 _____
Applicant Reference Number 529721 Atty Docket No. _____
Title of Invention SKUTTERUDITE THERMOELECTRIC MATERIAL, THERMOELECTRIC COUPLE, AND METHOD OF PRODUCING THE SAME