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Norihisa Takahara
Emiko Igaki
Masakazu Tanahashi
Takafumi Moriyasu
Rui Nakao

Tomoyuki Washizaki
Yoshiaki Fukui

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

Matsushita Electric Industrial Co., Ltd.
1006-banchi
Oaza-Kadoma
Kadoma-shi
Osaka 571-8501
Japan

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

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

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Execution Date: March 27, 2002

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

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A. Patent Application No.(s)

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Name: Douglas P. Mueller
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PATENT
REEL: 013279 FRAME: 0230

INSTRUCTIONS

ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS,

Inventor(s) Name,
Address, Citizenship

1. Norihisa Takahara residing at 19-17-7, Shindo 3-chome, Ibaraki-shi, Osaka 567-0835, Japan and a citizen of Japan;
2. Emiko Igaki residing at 4-36-21, Tomatsu-cho, Amagasaki-shi, Hyogo 661-0003, Japan and a citizen of Japan;
3. Masakazu Tanahashi residing at 1-11-20, Kitabatake, Abeno-ku, Osaka-shi, Osaka 545-0035, Japan and a citizen of Japan;
4. Takafumi Moriyasu residing at 9-24, Hada-cho, Neyagawa-shi, Osaka 572-0848, Japan and a citizen of Japan;
5. Rui Nakao residing at 201, Koto-A, 207-1, Higashiikoma 2-cho me, Ikoma-shi, Nara 630-0213, Japan and a citizen of Japan;
6. Tomoyuki Washizaki residing at A405, Excellent-Taiyo, 7406, Shimanouchi, Miyazaki-shi, Miyazaki 880-0121, Japan and a citizen of Japan;
7. Yoshiaki Fukui residing at 14587-1, Higashikaminaka, Sadowara-cho, Miyazaki-gun, Miyazaki 880-0303, Japan and a citizen of Japan;

Date Patent Declaration
Signed and Title Serial
No. and filing date (if
known)

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on _____ for this invention, which application is entitled CERAMIC ELECTRONIC COMPONENT AND METHOD FOR MANUFACTURING THE SAME and which has been given Serial Number _____ and the filing date of _____;

Name of Corporation

AND WHEREAS Matsushita Electric Industrial Co., Ltd. (herein called "ASSIGNEE"), a corporation organized under the laws of Japan, and having an office and place of business at 1006-banchi, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501, Japan

State or Country of
Incorporation and Address

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date

Note: No legalization or other witness required

Signature	<u>Norihisa Takahara</u>	Date	<u>March 27, 2002</u>
Signature	<u>Emiko Igaki</u>	Date	<u>March 27, 2002</u>
Signature	<u>Masakazu Tanahashi</u>	Date	<u>March 27, 2002</u>
Signature	<u>Takafumi Moriyasu</u>	Date	<u>March 27, 2002</u>
Signature	<u>Rui Nakao</u>	Date	<u>March 27, 2002</u>
Signature	<u>Tomoyuki Washizaki</u>	Date	<u>March 27, 2002</u>
Signature	<u>Yoshiaki Fukui</u>	Date	<u>March 27, 2002</u>