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IN THE UNITED STATES

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RECORDING OFFICE

In re Application of:

8-23-01

Sashiro Uemura, Junko Yotani, Hiromu Yamada,
Takeshi Nagasako, Hiroyuki Kurachi, Tomotaka Ezaki

For: **VACUUM FLUORESCENT DISPLAY**

ASSIGNMENT SUBMITTAL

Recordation Form Cover Sheet - Patent Application Submitted Herewith

The Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231



Dear Sir:

Submitted herewith is an Assignment for filing in connection with the above-captioned application. The party(ies) assigning the interest are as follows:

Name(s): Sashiro Uemura
Junko Yotani
Hiromu Yamada
Takeshi Nagasako
Hiroyuki Kurachi
Tomotaka Ezaki

The party receiving the interest (Assignee) is as follows:

Name: ISE ELECTRONICS CORPORATION
Address: 700, Aza-Wada, Ueno-cho, Ise-shi, Mie, JAPAN

The party receiving the interest (Assignee) is as follows:

Name: NORITAKE CO., LTD.
Address: 1-36, Noritake Shinmachi 3-chome, Nishi-ku, Nagoya-shi, Aichi, JAPAN

The Assignment was executed on August 8, 2001.

The recordation fee of \$40.00 for the recordation of one (1) Assignment is submitted herewith. Please charge any additional amounts due or credit any over-payment to Deposit Account 02-2666.

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. Correspondence concerning this document should be directed to the undersigned.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

By:

Eric S. Hyman
Reg. No. 30439

Dated: 8/8, 2001

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12400 Wilshire Boulevard, Seventh Floor
Los Angeles, California 90025
(310)207-3800

Total number of pages including cover sheet, attachments and document: 3

ASSIGNMENT

Know all men by these presents

THAT WHEREAS:....., we, Sashiro Uemura, Takeshi Nagasako, Junko Yotani, Hiroyuki Kurachi, Hiromu Yamada, and Tomotaka Ezaki, citizens of Japan and engineers, all residing at c/o ISE ELECTRONICS CORORATION, 700, Aza-Wada, Ueno-cho, Ise-shi, Mie, Japan

have made an invention in certain improvements in

Vacuum Fluorescent Display

described in an application executed by us on August 8, 2001 and about to be filed in the United States Patent Office on Serial Number ; and

WHEREAS, ISE ELECTRONICS CORPORATION, and NORITAKE CO., LTD

corporations duly organized and existing under the laws of ~~the~~ State of ~~the~~ Japan and having places of business at ~~Commonwealth of~~ 700, Aza-Wada, Ueno-cho, Ise-shi, Mie, Japan and 1-36, Noritake Shinmachi 3-chome, Nishi-ku, Nagoya-shi, Aichi, Japan respectively

for the benefit of itself, its successors and assigns, all inclusively hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to the said invention, the said application, all inventions disclosed in said application, and any and all Letters Patent of the United States and of all other countries which may be granted for the said invention or inventions, or any of them;

Now, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations to us paid by the said Assignee, the receipt whereof is hereby acknowledged, we do hereby sell, assign and transfer to the said Assignee the entire right, title and interest in and to the said invention, inventions, and application, including all priority rights arising therefrom, all inventions disclosed in said application, and any and all Letters Patent of the United States, and of all other countries, together with the right to apply for such Letters Patent, which may be granted for the said invention, inventions or any of them.

To HAVE, HOLD AND ENJOY the said inventions, the said application, and the said Letters Patent, to said ISE ELECTRONICS CORPORATION, and NORITAKE CO., LTD

its successors and assigns, to its and their own use and behoof to the full end of the term or terms for which the said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by ourselves had this assignment and sale not been made.

AND we HEREBY authorize and request the Commissioner of Patents of the United States and the appropriate officers of all foreign patent offices to issue any and all Letters Patent which may be granted on the said application or applications above referred to, or for the said inventions, or any of them, to the said Assignee in accordance with the terms of this instrument.

AND we hereby agree to execute and sign without further consideration any other legal document and any other assignments and any divisional, continuing, renewal, reissue or other application in and for all patents that may be appropriate and may be deemed necessary by the Assignee fully to secure to the said Assignee its interests as aforesaid in and to the said invention or any part thereof and in and to the said patents or any of them.

AND we further covenant and agree that we will at any time upon request communicate to the said Assignee, its successors, assigns or other legal representatives, any facts known to us relating to the said invention and any patent that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so.

AND we do hereby covenant for us and our legal representatives that we have not hitherto assigned or granted any license to make, use or sell said invention, and that we will not henceforth purport to assign, license or execute any instrument to that effect in conflict with this assignment.

IN WITNESS WHEREOF we have hereunto set our hands and seal this 8th day of August 2001 .

Sashiro Uemura
Sashiro Uemura

Takeshi Nagasako
Takeshi Nagasako

Junko Yotani
Junko Yotani

Hiroyuki Kurachi
Hiroyuki Kurachi

Hiromu Yamada
Hiromu Yamada

Tomotaka Ezaki
Tomotaka Ezaki

UNITED STATES OF AMERICA

Commonwealth of Massachusetts } ss.
County of }

Then personally appeared the above-named _____, this _____ day of _____ 19____, to me personally known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be _____ own free act and deed, before me.

.....
Notary Public

Commonwealth of Massachusetts } ss.
County of }

Then personally appeared the above-named _____, this _____ day of _____ 19____, to me personally known and known by me to be the person described in and who executed the foregoing instrument and acknowledged the same to be _____ own free act and deed, before me.

.....
Notary Public