

NAK1-BA81

CONTINUED ...

LIST OF CONVEYING PARTIES:

Yoshiyuki Miyabe
Kazuo Okamura
Takashi Kakiuchi
Junichi Hirai
Naoya Takao
Toshiya Mori
Ikuo Mnakata

CONTINUED ...

LIST OF CONVEYING PARTIES:

Yoshiyuki Miyabe
Kazuo Okamura
Takashi Kakiuchi
Junichi Hirai
Naoya Takao
Toshiya Mori
Ikuo Makata

141

ASSIGNMENT

WHEREAS, we, Shigeaki WATANABE, Kazutoshi SUMIYA, Kiyokazu YAMANAKA, Yuki KUSUMI, Masahiro OASHI, Tatsuya SHIMOJI, Masayuki KOZUKA, Yoshihiro MIMURA, Yoshiyuki MIYABE, Kazuo OKAMURA, Takashi KAKIUCHI, Junichi HIRAI, Naoya TAKAO, Toshiya MORI, Ikuo MINAKATA citizens of Japan, have invented certain new and useful improvements in an DATA DISPLAY CONTROL APPARATUS FOR CONTROLLING THE DISPLAY OF DATA, A DATA TRANSMISSION APPARATUS FOR TRANSMITTING INFORMATION WHICH IS USED TO CONTROL THE DISPLAY OF DATA, AND A DATA DISPLAY CONTROL INFORMATION EDITING APPARATUS FOR EDITING INFORMATION USED TO CONTROL THE DISPLAY OF DATA for which we have executed application for Letters Patent of the United States, U.S. Serial No. 08/928,010, filed on September 11, 1997, and

WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a corporation of Japan, having a principal place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu, Japan, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application,

NOW, THEREFORE, in consideration of the sum of One Hundred Yen (100 ¥) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Shigeaki WATANABE, Kazutoshi SUMIYA, Kiyokazu YAMANAKA, Yuki KUSUMI, Masahiro OASHI, Tatsuya SHIMOJI, Masayuki KOZUKA, Yoshihiro MIMURA, Yoshiyuki MIYABE, Kazuo OKAMURA, Takashi KAKIUCHI, Junichi HIRAI, Naoya TAKAO, Toshiya MORI, and Ikuo MINAKATA

have sold, assigned, transferred and set over, unto said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, the entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals and continuations thereof, and all Letters Patents of the United States, which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every country of the Union, and all applications for Letters Patents which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patents which may be granted for said improvements in any country or countries foreign to the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents, on applications as aforesaid, to issue all Letters Patents for said improvements to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its

successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 5th
day of September, 1997.

Shigeaki Watanabe
Shigeaki WATANABE

IN TESTIMONY WHEREOF, I hereunto set my hand this 5th
day of September, 1997.

Kazutoshi Sumiya
kazutoshi SUMIYA

IN TESTIMONY WHEREOF, I hereunto set my hand this 5th
day of September, 1997.

Kiyokazu Yamana
Kiyokazu YAMANAKA

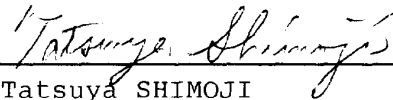
IN TESTIMONY WHEREOF, I hereunto set my hand this 5th
day of September, 1997.

Yuki Kusumi
Yuki KUSUMI

IN TESTIMONY WHEREOF, I hereunto set my hand this 5th
day of September, 1997.

Masahiro Oashi
Masahiro OASHI

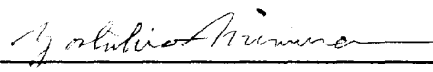
IN TESTIMONY WHEREOF, I hereunto set my hand this 5th
day of September, 1997.


Tatsuya SHIMOJI

IN TESTIMONY WHEREOF, I hereunto set my hand this 5th
day of September, 1997.


Masayuki KOZUKA

IN TESTIMONY WHEREOF, I hereunto set my hand this 5th
day of September, 1997.


Yoshihiro MIMURA

IN TESTIMONY WHEREOF, I hereunto set my hand this 5th
day of September, 1997.


Yoshiyuki MIYABE

IN TESTIMONY WHEREOF, I hereunto set my hand this 5th
day of September, 1997.


Kazuo OKAMURA

IN TESTIMONY WHEREOF, I hereunto set my hand this 5th
day of September, 1997.

Takashi Kakiuchi
Takashi KAKIUCHI

IN TESTIMONY WHEREOF, I hereunto set my hand this 5th
day of September, 1997.

Junichi Hirai
Junichi HIRAI

IN TESTIMONY WHEREOF, I hereunto set my hand this 5th
day of September, 1997.

Naoya Takao
Naoya TAKAO

IN TESTIMONY WHEREOF, I hereunto set my hand this 5th
day of September, 1997.

Toshiya Mori
Toshiya MORI

IN TESTIMONY WHEREOF, I hereunto set my hand this 5th
day of September, 1997.

Ikuo Minakata
Ikuo MINAKATA