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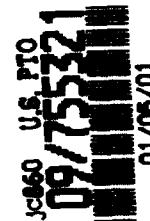
Atty. Ref.: OPS Case 517

Please record the attached original document or copy thereof.

Name of Conveying Party(ies): 1) Yuuji KAWANISHI and 2) Yoshiaki UCHINO

Name and Address of Receiving Party(ies):
ANDO ELECTRIC CO., LTD.
19-7, Kamata 4-chome, Ota-ku
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9/755321



Nature of Conveyance:

Assignment Security Agreement Merger License
 Change of Name Other:

Execution Date of Document: December 22, 2000

If this document is being filed together with a new application, the execution date of the application is: December 22, 2000

Patent Application Numbers:
N/A

Patent Numbers:
N/A

Total Number of Applications and Patents Involved: 1. An enclosed check includes the recording fee of \$40.00. The Commissioner is hereby authorized to credit any overpayment, or to charge any additional recording fee required by this paper, to Deposit Account No. 06-1382.

Mail correspondence concerning the document to:

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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.

Respectfully submitted,

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PATENT
REEL: 011434 FRAME: 0415

ASSIGNMENT

United States (Joint)
(Excluding Foreign Rights)

WHEREAS, We, (1) Yuuji KAWANISHI and (2) Yoshiaki UCHINO

residing at respectively c/o Ando Electric Co., Ltd.
19-7, Kamata 4-chome, Ota-ku, Tokyo 144-0052, Japan

have invented certain new and useful improvements in
CARRIER IDENTIFICATION SYSTEM, CARRIER
IDENTIFICATION METHOD AND STORAGE MEDIA

for which an application for Unites States Letters Patent was signed on even date.

WHEREAS, Ando Electric Co., Ltd.

having a place of business at
19-7, Kamata 4-chome, Ota-ku, Tokyo 144-0052, Japan

hereinafter called the "Assignee" is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor, in the United States and its territorial possessions.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other valuable considerations, the receipt whereof is hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign, transfer and confirm in and to said Assignee our full and exclusive right to the said invention in the United States and its territorial possessions and our entire right, title and interest in and to said application and any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States to issue any and all of said Letters Patent, when granted, to said Assignee for the sole use and behoof of the said Assignee, their successors and assigns.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

Witnessed by:

Tatsuya Okazaki
Tatsuya OKAZAKI

Inventors:

Yuuji Kawanishi
Yuuji KAWANISHI

Yoshiaki Uchino
Yoshiaki UCHINO

Date:

December 22, 2000

December 22, 2000