

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiromichi ITOH	12/24/1992
Keiichi NAKANE	12/24/1992
Naomichi NONAKA	12/24/1992
Yoshinori WATANABE	12/24/1992

RECEIVING PARTY DATA

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City:	Chiyoda-ku, Tokyo
State/Country:	JAPAN

PROPERTY NUMBERS Total: 7

Property Type	Number
Patent Number:	5721932
Patent Number:	5968186
Patent Number:	6502207
Patent Number:	6662311
Patent Number:	7366950
Patent Number:	7661029
Application Number:	12629183

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NAME OF SUBMITTER:	John R. Mattingly
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Total Attachments: 1 source=Assignment-InventorstoHitachiLtd#page1.tif

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to HITACHI, LTD., a corporation organized under the laws of Japan, of 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

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invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed by me even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD.

its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

- | | (Full Name) | (Signature) |
|--|--------------------------|---------------------------|
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Witness(es)

All) Katsumi Kosuge 2) _____ 4) _____ JAN -6 1993
1) _____ 3) _____ 5) _____

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PATENT AND TRADEMARK
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