

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Toshio Saito	01/22/2008
Satoshi Moriya	01/22/2008
Morio Nakamura	01/26/2008
Goichi Yokoyama	01/22/2008
Tatsuyuki Saito	01/22/2008
Nobuaki Miyakawa	01/23/2008

## RECEIVING PARTY DATA

Name:	HITACHI, LTD.
Street Address:	6-6, Marunouchi 1-chome
Internal Address:	Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	100-8280

Name:	HONDA MOTOR CO., LTD.
Street Address:	1-1, Minami-Aoyama 2-chome
Internal Address:	Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	107-8556

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12063606

## CORRESPONDENCE DATA

Fax Number: (703)312-6666

500774724

PATENT  
REEL: 022219 FRAME: 0937

OP \$40.00 12063606

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 703-312-6600  
Email: rperez@antonelli.com  
Correspondent Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP  
Address Line 1: 1300 NORTH SEVENTEENTH STREET  
Address Line 2: SUITE 1800  
Address Line 4: ARLINGTON, VIRGINIA 22209-3873

ATTORNEY DOCKET NUMBER:

843.48489X00

NAME OF SUBMITTER:

Gregory E. Montone

Total Attachments: 2  
source=Assignment#page1.tif  
source=Assignment#page2.tif

# ASSIGNMENT

( 譲 渡 証 )

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to us citizen of Japan by HITACHI, LTD. and HONDA MOTOR CO., LTD., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280, Japan and 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD. and HONDA MOTOR CO., LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## SEMICONDUCTOR DEVICE

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 on 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. and HONDA MOTOR CO., LTD., its successors, assigns or other legal representatives, to the full end of 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. and HONDA MOTOR CO., LTD.,

Signed on the date(s) indicated aside signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Toshio Saito</u> (Toshio SAITO)	<u>1 / 22 / 2008</u>
2) <u>Satoshi Moriya</u> (Satoshi MORIYA)	<u>1 / 22 / 2008</u>
3) <u>Morio Nakamura</u> (Morio NAKAMURA)	<u>1 / 26 / 2008</u>
4) <u>Goichi Yokoyama</u> (Goichi YOKOYAMA)	<u>1 / 22 / 2008</u>
5) <u>Tatsuyuki Saito</u> (Tatsuyuki SAITO)	<u>1 / 22 / 2008</u>
6) _____ (Nobuaki MIYAKAWA)	_____
7) _____	_____
8) _____	_____

# ASSIGNMENT

( 譲渡証 )

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to us citizen of Japan by HITACHI, LTD. and HONDA MOTOR CO., LTD., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280, Japan and 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD. and HONDA MOTOR CO., LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## SEMICONDUCTOR DEVICE

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 on 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. and HONDA MOTOR CO., LTD., its successors, assigns or other legal representatives, to the full end of 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. and HONDA MOTOR CO., LTD.,

Signed on the date(s) indicated aside signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) _____ (Toshio SAITO)	_____
2) _____ (Satoshi MORIYA)	_____
3) _____ (Morio NAKAMURA)	_____
4) _____ (Goichi YOKOYAMA)	_____
5) _____ (Tatsuyuki SAITO)	_____
6) <u>Nobuaki Miyakawa</u> (Nobuaki MIYAKAWA)	<u>January 28, 2008</u>
7) _____	_____
8) _____	_____