

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hyun Ick Shin</td> <td>07/05/2007</td> </tr> <tr> <td>Jae Gon Seo</td> <td>07/05/2007</td> </tr> <tr> <td>Sang Yong Lee</td> <td>07/03/2007</td> </tr> </tbody> </table>		Name	Execution Date	Hyun Ick Shin	07/05/2007	Jae Gon Seo	07/05/2007	Sang Yong Lee	07/03/2007
Name	Execution Date								
Hyun Ick Shin	07/05/2007								
Jae Gon Seo	07/05/2007								
Sang Yong Lee	07/03/2007								
RECEIVING PARTY DATA									
Name:	National Semiconductor Corporation								
Street Address:	2900 Semiconductor Drive								
City:	Santa Clara								
State/Country:	CALIFORNIA								
Postal Code:	95051-8090								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11754137</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11754137				
Property Type	Number								
Application Number:	11754137								
CORRESPONDENCE DATA									
Fax Number:	(206)342-6201								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	206.342.6200								
Email:	abaum@merchantgould.com								
Correspondent Name:	Merchant & Gould P.C.								
Address Line 1:	701 Fifth Avenue								
Address Line 2:	Suite 4100								
Address Line 4:	Seattle, WASHINGTON 98104								
ATTORNEY DOCKET NUMBER:	50019.326US01/P06817								
NAME OF SUBMITTER:	Brett A. Hertzberg								

Total Attachments: 4
 source=P06817Assignment#page1.tif

500336336

**PATENT
 REEL: 019707 FRAME: 0089**

CH \$40.00 11754137

source=P06817Assignment#page2.tif
source=P06817Assignment#page3.tif
source=P06817Assignment#page4.tif

ASSIGNMENT

WHEREAS, we, Hyun-Ick Shin, residing at Ganari APT 42-204, YeokSam2-dong, KangNam-gu, Seoul, Korea, Jae-Gon Seo, residing at JookJeon-Eyevuew APT 103-1004, JookJeon-dong, SuJi-gu, Yongin, Kyunggi-do, Korea, and Sang-Yong Lee, residing at 3rd Floor, 56-45, Suyu-1-dong, Kangbuk-gu, Seoul, Korea, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on May 25, 2007, Application No. 11/754,137 which is entitled REVERSE RECOVER CURRENT ASSISTED BODY-CONTROLLED SWITCH.

AND WHEREAS, National Semiconductor Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 2900 Semiconductor Drive, Santa Clara, California 95051-8090 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;


NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions,

applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Signed at Bundang, Seongnam, Korea, this 5th day of July, 2007.



Hyun-Ick Shin

Witnessed by: _____
Name: _____

Signed at Bundang, Seongnam, Korea, this 5th day of July, 2007.



Jae-Gon Seo

Witnessed by: _____
Name: _____

Signed at _____, Korea, this _____ day of _____, 2007.

Sang-Yong Lee

Witnessed by: _____
Name: _____

ASSIGNMENT

WHEREAS, we, Hyun-Ick Shin, residing at Ganari APT 42-204, YeokSam2-dong, KangNam-gu, Seoul, Korea, Jae-Gon Seo, residing at JookJeon-Eyevuew APT 103-1004, JookJeon-dong, SuJi-gu, Yongin, Kyunggi-do, Korea, and Sang-Yong Lee, residing at 3rd Floor, 56-45, Suyu-1-dong, Kangbuk-gu, Seoul, Korea, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on May 25, 2007, Application No. 11/754,137 which is entitled REVERSE RECOVER CURRENT ASSISTED BODY-CONTROLLED SWITCH.

AND WHEREAS, National Semiconductor Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 2900 Semiconductor Drive, Santa Clara, California 95051-8090 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions,

applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Signed at _____, Korea, this _____ day of _____, 2007.

Hyun-Ick Shin

Witnessed by: _____
Name: _____

Signed at _____, Korea, this _____ day of _____, 2007.

Jae-Gon Seo

Witnessed by: _____
Name: _____

Signed at Phoenix, Arizona, USA, ^{Lee}~~Korea~~, this 3rd day of July, 2007.

Sang-Yong Lee

Witnessed by: _____
Name: CRAIG VANCE