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3. Masayuki INO		enon Ci	4. Shigeru NAKAJIM	A	
5. Yukio AKAZAWA	/ NOV 1 3	1996 (C)	6. Tsuneo MANO	•	
7. Hiroshi INOKAWA	V.E.	Æ/	8		
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## ASSIGNMENT

In consideration of value received. I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

## SEMICONDUCTOR DEVICE

said application having been filed on August 28, 1998 and assigned Serial No. 09/143,510; sell and assign to NTT Electronics Corporation a corporation of Japan, having a business address at 20-1 Sakuragaoka-cho, Shibuya-ku, Tokyo, 150-0031, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

- X executed concurrently herewith;
- executed separately herefrom;

and in and to all applications for patent and patents for said invention. in all countries of the world, including all divisions, reissues, continnations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignce, and I agree that on request and without further consideration. but at the expense of said Assignee. I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assigned to obtain and enforce proper patent protection for said invension in all countries.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

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PATENT REEL: 9592 FRAME: 0895

## ASSIGNMENT

Residence and post office address (Signature) Date Inventor: 3-19-7. Moridai, Atsugi-shi, Kanagawa-ken, Japan 2-4-4-304, Chigasaki, October 22, 1998 Chigasaki-shi, Kanagawa-ken, Japan Nobuaki leda Masayuki Ini October 22, 1998 1720-4, Sugikubo, Ebina-shi, Kanagawa-ken, Japan Shigeru Nakaji ma October 22, 1998 2-4-5-301. Chigasaki, Chigasaki-shi, Kanagawa-ken, Japan 628-8. Higashiodake. October 22, 1998 Isehara-shi, Kanagawa-ken, Japan 5-38-6. Kami ima i zumi. October 22, 1998 Ebina-shi, Kanagawa ken, Japan

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