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Atty Docket No.:

,102022022

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To the Honorable Commissioner of Patents and Trademarks. Pleas	e record the attached original documents or copy thereof.	
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Execution Date: January 9, 11, 2002	Additional name(s) and address(es) attached? □Yes ⊠No	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the	execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
10/050,119		
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22850	7. Total fee (37 CFR 3.41): \$40.00  ⊠ Enclosed □ Authorized to be charged to deposit account  8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)	
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To the best of my knowledge and belief, the foregoing information copy of the original document.  Marvin J. Spivak	his true and correct and any attached copy is a true  ! Scafetta fr. March 14, 2002	
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**PATENT REEL: 012673 FRAME: 0880** 

## ASSIGNMENT

In consideration of value received. I. having a residence and mailing 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 ASSOCIATIVE MEMORY

said application having been filed on and assigned Application No. ; sell and assign to President of Hiroshima University a Japanese government agency, located at 3-2, Kagamiyama 1-chome, Higashihiroshima-shi, Hiroshima, 739-8511 Japanese

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)

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, continuations, 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 Assignee, and I agree that on request and without further consideration. but at the expense of said Assignee. I will communicate to said Assigned 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 Assignee 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.

Otlon, Spivak, McClelland, Maier & Neustadt, P.C., Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202

> PATENT REEL: 012673 FRAME: 0881

## ASSIGNMENT

Inventor: (Signature)	Date	Residence and mailing address
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Jakayuki Dyoten Takayuki Gyoten	JAN. 11, 2002	2-6-15. Miyashita, Nishi-ku, Kobe-shi, Hyogo-ken, Japan

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