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Hitoshi TAUCHI, Satoru HORI, Hirotsugu SUGIURA and	Name: AISIN SEIKI KABUSHIKI KAISHA	
Hiroyasu KOJIMA	Address: 1. Asahi-machi 2-chome,	
Additional name(s) of conveying party(ies) attached? □Yes ■No	Kariya-shi, Aichi-ken, Japan	
3. Nature of Conveyance:		
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Execution Date: January 9, 2001	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)	
09/725,570 Additional numbers atta	phod2 TVes No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1	
JAN 1 9 2001 3	7. Total fee (37 CFR 3.41): \$40.00	
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PATENT REEL: 011484 FRAME: 0269

	WHEREAS, I (WE) Hitoshi TAUCHI of Anjo-shi, JAPAN and		
SERT NAMES	Satoru HORI of Nagoya-shi, JAPAN and		
ID RESIDENCE DDRESSES OF IE INVENTORS:	Hirotsugu SUGIURA of Hekinan-shi, JAPAN and		
	Hiroyasu KOJIMA of Toyota-shi, JAPAN		
	, respectively,		
SERT TITLE FINVENTION:	have invented certain new and useful improvements in: A METHOD FOR PRODUCING A		
	THERMOELECTRIC SEMICONDUCTOR ,		
ISERT DATE IN- ENTORS SIGNED ECLARATION:	for which an application for Letters Patent was executed on X January 9, 2001		
	(Application No09/725,570, filedNovember 30, 2000), and		
ISERT NAME ND ADDRESS OF OMPANY OR THER ASSIGNEE:	WHEREAS, AISIN SEIKI KABUSHIKI KAISHA		
	(hereinafter referred to as "ASSIGNEE") having a place of business at: 1, Asahi-machi		
	Aichi-ken JAPAN		
	is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		

NOW, THEREFORE, for good and valuable consideration which is hereby acknowledged, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, 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 by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: X Jan. 9, 2001	x Sitoshi Fauchi
	(Signature of Inventor) Hitoshi TAUCHI
Date: X Jan. 9, 2001	X Satoru Hori (Signature of Inventor) Satoru HORI
Date: X Jan. 9, 2001	X Ourotsugu Suguira (Signature of Inventor) Hirotsugu SUGIURA
Date ^X Jan. 9, 2001	X Aroyasu Jojima (Signature of Inventor) Hirotsugu SUGIURA X Aroyasu Jojima (Signature of Inventor) Hirotsugu SUGIURA
Date ^x our o, 200	(Signature of Inventor) Hiroyasu KOJIMA
Date:	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY

ARLINGTON, VIRGINIA 22202

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PATENT REEL: 011484 FRAME: 0271

RECORDED: 01/29/2001