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Submission Type New Resubmission (Non-Recordation) Document ID # Correction of PTO Error Reel # Frame # Corrective Document Reel # Frame #		Conveyance Type Assignment License Merger Security Agreer Change of Nam Other:	ment	10/627611
Conveying Party(ies)			Execution Date(s	3) 📅
 Hiroshi WATANABE Koji KISE Kenji ITOGA S Mark if Additional Names of Convey 	ying Parties Attache	d	July 1, 2003 July 1, 2003 July 1, 2003	,
Receiving Party				
Name Mitsubishi Denki Kab Name Address 2-3, Marunouchi 2-ch Address Chiyoda-ku Address <u>Tokyo</u> City Mark if Additional Names of Receiv	nome <u>Japan</u> State/Cou		100-8310 Zip Code	
Correspondent Name and Address	ing ranics radone			
Jeffrey A. Wyand Leydig, Voit & Mayer 700 Thirteenth St., N.W. Suite 300 Washington, D.C. 20005-3960			Facsimil Attorney Docket No	
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Enter PCT application number <i>only if</i> a Number has not been assigned.	U.S. Application	PCT	PCT	PCT
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Fee Amount		Littor the t	otal Hallbor of prop	0,1,00 11,101,100,1
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To the best of my knowledge and bellef, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.				

deffrey A. Wyand

FE:8021

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Assignment Tml P1 00000206 121216 10627611 06/05/2003 GTBW11

PATENT

REEL: 014338 FRAME: 0867

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ATTORNEY	DOCKET	NO.

ASSIGNMENT

	Application No Filed	
Insert Name(s) of Inventor(s)	WHEREAS, Hiroshi WATANABE, Koji KISE and Kenji ITOGA	
		—
Insert Title	(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in	
of Invention	METHOD OF FABRICATING X-RAY MASK AND METHOD OF FABRICATING	
	SEMICONDUCTOR DEVICE WITH X-RAY MASK FABRICATED BY THIS METHOD	
	for which an application for Letters Patent of the United States of America has been executed by the undersign (except in the case of a provisional application).	ed
Insert Date of Signing of Application	→ on	ıd
^ Insert Name of Assignee	➡ WHEREAS, Mitsubishi Denki Kabushiki Kaisha	
Insert Address of Assignee	→ of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN	_
CHECK BOX f appropriate	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) the may be granted therefor in the United States of America and X in any and all foreign countries.	
	NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in har paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto sa Assignee the full and exclusive right to the said invention in the United States of America, its territoried dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent (which may be granted therefor in the United States of America, its territories, dependencies and possessions	ed id es, s)

and if the box above is designated, in any and all foreign countries;

terms for which the same may be granted.

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or

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The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Leydig, Voit & Mayer 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.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date July 1, 2003.	Name of Inventor Hiroshi Watanabe Hiroshi WATANABE
	Name of Inventor Koji Kise Koji KISE
	Name of Inventor Kenji ITOGA
	Name of Inventor
Date	Name of Inventor
Date,	Name of Inventor
Date,	Name of Inventor
Date	Name of Inventor
Date ,	Name of Inventor

RECORDED: 07/28/2003

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