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Submission Type  New Resubmission (Non-Recordation) Document ID # Correction of PTO Error Reel # Frame # Corrective Document	Conveyance Typ  Assignment License Merger Security Agree Change of Nat	ement	80.26	
Reel # Frame #	1			
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Jeffrey A. Wyand Leydig, Voit & Mayer 700 Thirteenth St., N.W. Suite 300 Washington, D.C. 20005-3960  Pages Enter the total number of pages of the attached conveyance document including any attachments: 2  Application Number(s) or Patent Number(s) Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).				
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Assignment Tml P2

## **ASSIGNMENT**

good ar	n consideration of the sum of One Dollar (\$1.00), and other and valuable consideration, the receipt of which is ledged, the undersigned, Masakazu TAKABAYASHI, Kiichi YOSHIARA, i MATSUMOTO, Junichiro HOSHIZAKI, Takeyuki MAEGAWA, Hajime TAKEYA,			
Sadayuk	i MATSUMOTO, Junichiro HOSHIZAKI, Takeyuki MAEGAWA, Hajime TAKEYA,			
Kiyohid	e SAKAI, Minoru HASHIMOTO and Fusaoki UCHIKAWA			
of <u>c/o MITSUBISHI DENKI KABUSHIKI KAISHA</u> , 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN				
	Old Ruy Tokio 100 0010 01212.			
sells,	assigns, and transfers to			
MITSUB	ISHI DENKI KABUSHIKI KAISHA			
of 2-3,	MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8310 JAPAN			
	ssignee), its successors and assigns, the entire right, and interest in and to:			
(i)	the application for United States Letters Patent entitled:			
WAVEGUIDE GRATING DEVICE AND METHOD OF CONTROLLING BRAGG WAVELENGTH OF				
WAVEGUIDE GRATING				
August	which was executed by the undersigned on August 3, 2000 and 4, 2000 or was filed on and accorded Serial No (the Application);			
(ii)	any and all inventions and improvements that are described in the Application;			
(iii)	any and all United States Letters Patents that may be granted on the Application (the Patent);			
(iv)	any and all divisions, continuations, reexaminations, reissues, or extensions of the Application or the Patent; and			
(v)	all benefits under the International Convention for the Protection of Industrial Property.			
	authorize the Assignee and its agents to insert in this ment the filing date and serial number of the Application.			

I authorize and request the Commissioner of Patents to issue any and all Letters Patent, when granted, to the Assignee.

all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection for any invention described in the Application. Signed at Tokyo, Japan 3rd & this 4th day of August 2000 WITNESS (ES): INVENTOR(S): Skoji Miyaskita. Jeruo Nakanishi Masakuzu Takabayashi Masakazu Takabayashi Michi Goskiara <u>Junichiro</u> Joshizaki Junichiro HOSHIZAKI Takeyuki Magawa
Takeyuki MAEGAWA Hajime Jakeya
Hajime TAKEYA Kiyohide Sakai Kiyohide SAKAI Minoru Hashimoto Fergaph ( ) hisawa

**RECORDED: 12/27/2002** 

Further, it is agreed that, when requested, without charge

writings, including reissue and reexamination papers; and provide

to, but at the expense of, the Assignee, the undersigned will

applications; execute all additional assignments and other

execute all divisional, continuing, or reissue patent