04-14-2004

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1. Toru OKA 2. Yoichi OHMURA 3. 4. 5.		March 30, 2004 March 30, 2004	~ ~ ~ *	
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PATENT REEL: 015198 FRAME: 0499

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is acknowledged, the undersigned, Toru OKA and Yoichi OHMURA				
of C/	o Mitsubishi Denki Kabushiki Kaisha,			
2-	-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN			
sells,	assigns, and transfers to			
MITSUBISHI DENKI KABUSHIKI KAISHA				
of 2-3	, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8310 JAPAN			
(the Astitle,	ssignee), its successors and assigns, the entire right, and interest in and to:			
(i)	the application for United States Letters Patent entitled:			
	OPTICAL ROTARY ENCODER			
				
	which was executed by the undersigned on March 30, 2004, 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.

PATENT REEL: 015198 FRAME: 0500 Further, it is agreed that, when requested, without charge to, but at the expense of, the Assignee, the undersigned will execute all divisional, continuing, or reissue patent applications; execute all additional assignments and other writings, including reissue and reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection for any invention described in the Application.

DATE(S):	INVENTOR(S):
March 30, 2004	Jorn Oka
March 30, 2004	Yoichi Ohmura
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RECORDED: 04/08/2004

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