. 11/09/04					
Form PT 0 505 (P. F.00.00) 11-16-	2004 U.S. DEPARTMENT OF COMMERCE				
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To the Director Office U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.					
Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)				
Syunji Usui (09/22/2004) and Masayuki Hori	Name: Denon, Ltd.				
(09/22/2004)					
5 5 - 8-4 (s) is seen the seed to see the seed to see	Internal Address:				
Execution Date(s): in parentheses after inventor name Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:				
Additional name(s) of conveying party(les) attached? Yes X No	16-11, Yushima 3-chome Bunkyou-ku Tokyo 113-0034				
3. Nature of Conveyance:					
x Assignment Merger	JAPAN				
Security Agreement Change of Name	City:				
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4. Application or patent number(s):	This document is being filed together with a new application.				
A. Patent Application No.(s)	B. Patent No.(s)				
10/950,659					
Additional numbers attached?	Yes X No				
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:				
Name: Mark J. Thronson	\\				
DICKSTEIN SHAPIRO MORIN & OSHINSKY					
LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00				
Internal Address: Atty. Dkt.: T4025.0039/P039	X Authorized to be charged by credit card				
Street Address: 2101 L Street NW	Authorized to be charged to deposit account				
	Enclosed				
	None required (government interest not affecting title)				
Markington					
City: Washington	8. Payment Information				
State: DC Zip: 20037-1526 Phone Number: (202) 775-4742	a. Credit Card Last 4 Numbers 1008 Expiration Date 02/28/06				
Phone Number: (202) 775-4742 Fax Number: (202) 887-0689	b. Deposit Account Number				
Email Address: ThronsonM@DSMO.com	Authorized User Name				
9. Signature:	l				
October 26, 2004 Signature Date					
Mark J. Thronson - 33,082	Total number of pages including cover				
Name of Person Signing Sheet, attachments, and documents:					
					

11/10/2004 SDENBOB1 00000047 10950659 01 FC:8021 40.00 DF

Assignment

譲渡証 (Transia	tion/日本語訳)	
下記に署名した私/私達、	For good and valuable consideration, the receipt of which is hereby acknowledged, I/WE, the undersigned,	
	Syunji USUI, Masayuki HORI	
ある発明を創出し、これについて合衆国特許出顧は	who have created a certain invention for which an application for United States Letters Patent	
ここに私/私達により署名され,	executed by ME /US on even date herewith,	
に私/私達により(それぞれ)署名され、	executed by ME/US on, (respectively),	
L C C C C C C C C C	filed on and assigned Serial No	
PCT国際出願 として に出願され,	filed as International Application No filed on	
その発明は	and entitled:	
	OPTICAL DISC REPRODUCING APPARATUS AND METHOD	

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Japan, having a place of business at 16-11, Yushima 3-chome, Bunkyou-ku, Tokyo 113-0034 Japan, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and 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, its territorial possessions and all foreign countries; and in and to any and all continuations—in—part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treatie

Do hereby sell, assign and transfer to DENON, Ltd, a corporation of

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Agree that DENON, Ltd, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invenpatents on said invention in said Assignee, its successors, assigns, or legal representatives; and

子して、私/私達は、この書面に上し	謹渡された権利や財	Covenant with said Assigned its successor	s assigns or legal	
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上記を証明するため、私/私達は下記日付で署名する。		IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature seal on the date indicated below.		
唯一または第一発明者名		Full name of sole or first inventor Syunji USUI		
発明者の署名	日付	Inventor's signature Synnji Usui	Date Sep. 22.04	
第二共同発明者(いる場合)	····	Full name of second joint inventor, if any Masayuki HORI	77.77	
第二共同発明者の署名日	付	Second Inventor's signature	Date	
		Masayaki Hori	Sep. 22, 04	
第三共同発明者(いる場合)		Full name of third joint inventor, if any		
第三共同発明者の署名日	付	Third Inventor's signature	Date	
第四共同発明者(いる場合)		Full name of fourth joint inventor, if any		
第四共同発明者の署名日	付	Fourth Inventor's signature	Date	
第五共同発明者(いる場合)		Full name of fifth joint inventor, if any		
第五共同発明者の署名日	付	Fifth Inventor's signature	Date	
第六共同発明者(いる場合)		Full name of sixth joint inventor, if any		
第六共同発明者の署名日	付	Sixth Inventor's signature	Date	
第七共同発明者(いる場合)	· · · · · · · · · · · · · · · · · · ·	Full name of seventh joint inventor, if any		
第七共同発明者の署名日	付	Seventh Inventor's signature	Date	
第八共同発明者(いる場合)		Full name of eighth joint inventor, if any		
第八共同発明者の署名日	付	Eighth Inventor's signature	Date	

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PATENT REEL: 015975 FRAME: 0742