FORM PTO-1619A	12-12-2000	) 	Department of Commerce
Expires 06/30/99 OMB 0651-0027		Pater	and Trademark Office
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Commissioner of	ralenis and fraueniaiks, but Ass	RFFI · 011321 F	

Name       Thomas A. Kulaga         Address (line 1)       Pitts & Brittian, P.C.         Address (line 2)       P.O. Box 51295         Address (line 3)       Knoxville, TN 37950-1295         Address (line 4)	FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office <b>PATENT</b>
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Address (ine 2)       P.O. Box 51295         Address (ine 2)       F.O. Box 51295         Address (ine 2)       Knoxville, TN 37950-1295         Address (ine 4)	Name Thomas A. Kulaga		
Address (ine 3)       Knoxville, TN 37950-1295         Address (ine 4)	Address (line 1) Pitts & Brittian, P	.C.	
Address (tine 4)	Address (line 2) P.O. Box 51295		
Pages       Enter the total number of pages of the attached conveyance document including any attachments.         Application Number(s) or Patent Number(s)       Mark if additional numbers attached         Enter either the Patent Application Number of the Patent Number (DO NOT ENTER BOTH numbers for the same property).         Patent Application Number(s)       Patent Number(s)         Patent Application Number of the Patent Number (DO NOT ENTER BOTH numbers for the same property).         Patent Application Number (s)       Patent Number(s)         Patent Security float       number (s)         Patent Cooperation Treaty (PCT)       PCT         Enter PCT application number       PCT         has not been assigned.       PCT         Number of Properties       Enter the total number of properties involved. #         Method of Payment:       Enclosed       Deposit Account         Deposit Account       Deposit Account       #         Deposit Account Number:       #       16-1910         Method of Payment:       Enclosed Count or the diditional fees:       Yes       No         Statement and Signature       To the best of my knowledge and belief, the for	Address (line 3) Knoxville, TN 3795	0-1295	
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Enter PCT application number       ron         only if a U.S. Application Number       PCT         has not been assigned.       PCT         Number of Properties       Enter the total number of properties involved.       #         Fee Amount       Fee Amount for Properties Listed (37 CFR 3.41)- \$       40         Method of Payment:       Enclosed       Deposit Account         Deposit Account       Deposit Account       #         (Enter for payment by deposit account or if additional fees can be charged to the account.)       #       16-1910         Authorization to charge additional fees:       Yes       No	Patent Cooperation Treaty (PCT)		РСТ
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	Thomas A. Kulaga	Thonas A Kulag	a 11/17/2000
		Signature	Date

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Name (line 1) R	ichard RACINSKAS	; 		11102000
Name (line 2)				Execution Date Month Day Year
Name (line 1)				
Name (line 2)				Execution Date Month Day <sub>O</sub> Year
Name (line 1)			······································	
Name (line 2)				
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Enter additional l	Receiving Party(ies)			
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Address (line 1)				of a domestic representative is attached. (Designation must be a separate
Address (line 2)				document from Assignment.)
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Name (line 1)				If document to be recorded is an assignment and the receiving party is not
Name (line 2)				domiciled in the United States, an appointment of a domestic representative is
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Р	atent Application Number	r(s)		
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PATENT REEL: 011321 FRAME: 0351 1

## ASSIGNMENT

I, the below-identified Inventor, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to

Neptec, Inc., a corporation of Deleware, domiciled in Tennessee

(hereinafter "Assignee"), its successors, assigns, and legal representatives the entire right, title and interest throughout the world in and to all subject matter invented by me and disclosed in the application for a Letters Patent in the United States executed by me on the date hereinafter indicated entitled:

Removable Optical Adapter and Receptor

and in and to all patent and all convention and treaty rights of all kinds, in all countries throughout the world, for all such subject matter or improvements therein. I agree to sign all papers necessary to secure all said patent rights, and request issuance of all said patents to Assignee in accordance with this assignment.

Nou 10 2000

Date

Inventor Richard RACINSKAS 224 Mockingbird Lane Coppell, TX 75019

REEL: 011321 FRAME: 0352

## ASSIGNMENT

I, the below-identified Inventor, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to

Neptec, Inc., a corporation of Tennessee, domiciled in Jefferson, Tennessee

(hereinafter "Assignee"), its successors, assigns, and legal representatives the entire right, title and interest throughout the world in and to all subject matter invented by me and disclosed in the application for a Letters Patent in the United States executed by me on the date hereinafter indicated entitled:

**Removable Optical Adapter and Receptor** 

and in and to all patent and all convention and treaty rights of all kinds, in all countries throughout the world, for all such subject matter or improvements therein. I agree to sign all papers necessary to secure all said patent rights, and request issuance of all said patents to Assignee in accordance with this assignment.

11/14/00

Date

Michael L. SMITH 238 Fieldcrest Drive Jefferson City, TN 37760

IN THE COUNTY OF Jefferson)	
STATE OF	<b>. SMITH</b> , personally known by me, who then he foregoing instrument was duly signed, sealed and at the foot thereof, all of which took place within my
NOTARY PUBLIC My Commission Expires:	November 14, 2000 October 25, 2004
V V Wy Commission 2.4	

PATENT REEL: 011321 FRAME: 0353

## ASSIGNMENT

I, the below-identified Inventor, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to

Neptec, Inc., a corporation of Deleware, domiciled in Tennessee

(hereinafter "Assignee"), its successors, assigns, and legal representatives the entire right, title and interest throughout the world in and to all subject matter invented by me and disclosed in the application for a Letters Patent in the United States executed by me on the date hereinafter indicated entitled:

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Inventor

John CARBERRY 2814 Lake Forest Circle Jefferson City, TN 37877

IN THE COUNTY OF Jefferson )	
STATE OF	
and there was duly sworn by me and under oath acknowledged that	<b>RBERRY</b> , personally known by me, who then the foregoing instrument was duly signed, sealed and at the foot thereof, all of which took place within my
jurisdiction. NOT ARY PUBLIC My Commission Expires:	November 13, 2000 October 25, 2004
NOTARY PUBLIC My Commission Expires:	October 25, 2004

**RECORDED: 11/17/2000**