

03-23-2000

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Name (line 1) ROBERT C. LEIF

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Address (line 2) 5648 TOYON RD.

Address (line 3) SAN DIEGO CALIFORNIA 92115
City State/Country Zip Code

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text" value="60/116,316"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="5,373,093"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="60/158,718"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="5,969,240"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT

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Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

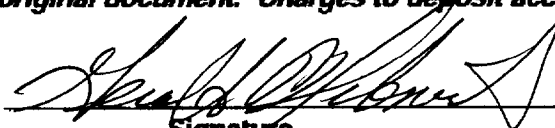
Deposit Account
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Statement and Signature

To the best of my knowledge and belief, 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.

GERALD R. HIBNICK  FEB. 10, 2000

Name of Person Signing **Signature** **Date**

Whereas, I Robert C. Leif of 5648 Toyon Road San Diego, CA 92115, hereinafter referred to as Assignor, own the below-listed properties.

Issued Patents:

Country	Patent #	Issue Date	Title
US	5,373,093	December 13, 1994	Macrocyclic complexes of Yttrium, the Lanthanides and the Actinides having Peripheral Coupling Functionalities
US	5,696,240	December 9, 1997	Macrocyclic complexes of Yttrium, the Lanthanides and the Actinides having Peripheral Coupling Functionalities Continuation in part
Canadian	1,340,527	May 4, 1999	Macrocyclic complexes of Yttrium, the Lanthanides and the Actinides having Peripheral Coupling Functionalities
European	0369000	April 21, 1999 (Filed May 30, 1989)	Macrocyclic complexes of Yttrium, the Lanthanides and the Actinides having Peripheral Coupling Functionalities
England	0369000	“ “ “	“ “
Switzerland	0369000	“ “ “	“ “
France	0369000	“ “ “	COMPOSES MACROCYCLIQUES D'YTTRIUM, DE LANTHANIDES ET D'ACTINIDES A FONCTIONS PERIPHERIQUES DE LAISON
Germany	0369000	“ “ “	MAKROCYCLISCHE KOMPLEXE VON YTTRIUM, DEN LANTHANIDEN UND DEN ACTINIDEN MIT PERIPHEREN KUPPLUNGSFUNKTIONALITATEN
Italy	0369000	“ “ “	Composti macroclici di ittrio, di lantanidi e di attinidi aventi funzionalita periferiche di accoppiamento

Patent Applications:

Country	Application #	Filing Date	Title
Japan	506,844/89	May 30, 1989	Macrocyclic complexes of Yttrium, the Lanthanides and the Actinides having Peripheral Coupling Functionalities

Provisional Applications for Patents:

Country	Application #	Filing Date	Title
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US 60/116,316 January 19, 1999 The Addition of a Second Lanthanide Ion to Increase the Luminescence of Europium(III) Macrocyclic Complexes

US 60/158,718 October 8, 1999 Processes Using Polymers to Form Dye Complexes

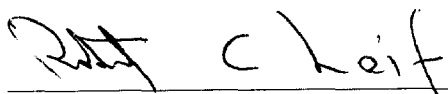
Whereas, Newport Instruments, hereinafter referred to as "Assignee" whose post office address is 5648 Toyon Road, San Diego, CA 92115 is desirous of acquiring the entire right, title, and interest in said Properties,

Now, therefore, in consideration of the sum of ten dollars (\$10), the receipt of which is acknowledged, and other good and valuable considerations. I, Assignor, by these presents do assign to Assignee my entire right, title, and interest in the applications, patents, and said properties, and to all rights of priority thereto and in any patents that may be granted in the United States, Canada, or any foreign county, including each patent granted on any patent application which is a division, substitution, continuation of any application specifically identified herein, and in each reissue or extension of the patents identified herein or issuing patents identified herein.

The terms, covenants, and provisions of this assignment shall inure to the benefit of Assignee, its successors, assigns and/or other legal representatives, and shall be binding on Assignor, his heirs, assignees and other legal representatives.

Executed this ¹ ~~July~~ ^{December} day of ^{RCL} 1999 at San Diego, California.

ASSIGNOR:



Robert C. Leif

(General Acknowledgement)

State of California

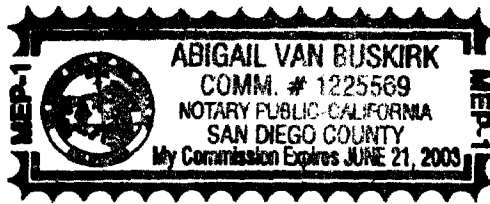
County of San Diego

On December 1, 1999 before me, the undersigned, a Notary Public in and for said State,

Personally appeared Robert C. Leif

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) ~~is~~ are subscribed to the within instrument and acknowledged to me that ~~he~~ / she / they executed the same in ~~his~~ / her / their authorized capacity(ies), and that by ~~his~~ / her / their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Abigail Van Buskirk -

Signature

- Notarization of Robert C. Leif
Assignment of rights to patents
12-1-99