

01-16-2001



12/14/00

101581756

9/736997

**RECORDATION FORM COVER SHEET
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PD-00W056

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

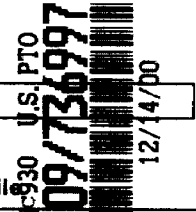
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Document ID#
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Conveyance Type

☐ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
☐ Merger ☐ Other

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☒ Mark if additional names of conveying parties attached

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Execution Date
Month Day Year

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Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 011414 FRAME: 0796

Correspondent Name and Address

Area Code and Telephone Number

(310) 662-9919

Name

Patent Records Administration

Address (line 1)

HUGHES ELECTRONICS CORP.

Address (line 2)

BLDG. 001, M/S A109

Address (line 3)

PO Box 956

Address (line 4)

El Segundo, California 90245

jc980 U.S. PTO
09/13/97
12/14/00

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

#

3

Application Number(s) or Patent Number(s)

☐

Mark if additional numbers attached

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)

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

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

#

1

Fee Amount

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

40.00

Method of Payment:
Deposit Account

Enclosed

☐

Deposit Account

☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

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50-0616

Authorization to charge additional fees:

Yes

☒

No

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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.

Colin M. Raufer, Reg. No. 40,781

Name of Person Signing

Signature

Colin M. Raufer

Date

12/14/00

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) DAVID S. SUMIDA

Execution Date
Month Day Year
11-15-2000

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

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)

U.S. PTO
JC-930
09/736997
12/14/00

ASSIGNMENT


Page 1 of 2
PD-00W056

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a(an) **HIGH GAIN LASER AMPLIFIER** for which application for Letters Patent of the United States has been executed by me on this day, or (if the following is completed) filed on _____ as Serial No. _____ ; and

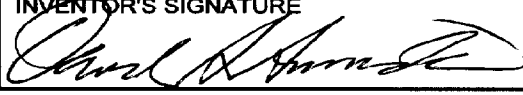
WHEREAS, **HUGHES ELECTRONICS CORPORATION**, (hereinafter referred to as **HUGHES**), a Delaware Corporation, having its principal place of business in El Segundo, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to **HUGHES**, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in- part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said **HUGHES**, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to **HUGHES**, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by **HUGHES**, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of **HUGHES**, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in **HUGHES**, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR Hans W. Bruesselbach	INVENTOR'S SIGNATURE 	DATE 11-15-2000
RESIDENCE (CITY AND STATE) Calabasas, CA 91302		INVENTION AGREEMENT DATE September 25, 1972

FULL NAME OF SOLE OR JOINT INVENTOR Alexander A. Betin	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE) Manhattan Beach, CA 90266		INVENTION AGREEMENT DATE March 28, 1994

FULL NAME OF SOLE OR JOINT INVENTOR David S. Sumida	INVENTOR'S SIGNATURE 	DATE 15 Nov. 2000
RESIDENCE (CITY AND STATE) Los Angeles, CA 90066		INVENTION AGREEMENT DATE October 29, 1984

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE

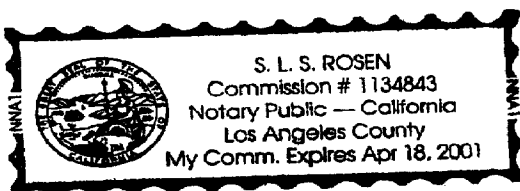
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE

STATE OF Calif.)
COUNTY OF Los Angeles) SS:

On NOV 15 2000 before me, SLS ROSEN, Notary
a Notary Public in and for said State, personally appeared
Hans W. Bruesselbach & David S. Sumida

☒ personally known to me or o 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.



Notary Public SLS ROSEN

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR Hans W. Bruesselbach	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE) Calabasas, CA 91302	INVENTION AGREEMENT DATE September 25, 1972	

FULL NAME OF SOLE OR JOINT INVENTOR Alexander A. Betin	INVENTOR'S SIGNATURE <i>Alexander A. Betin</i>	DATE 11/15/00
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RESIDENCE (CITY AND STATE)	INVENTION AGREEMENT DATE	

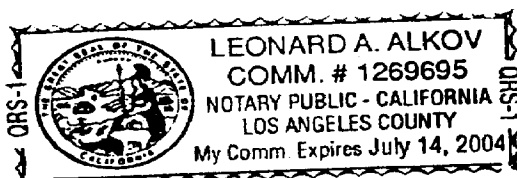
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)	INVENTION AGREEMENT DATE	

STATE OF California)
COUNTY OF Los Angeles) SS:

On November 15, 2000 before me, Leonard A. Alkov,
a Notary Public in and for said State, personally appeared
Alexander A. Betin

o personally known to me or o 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.



Notary Public *Leonard A. Alkov*

RECORDED: 12/14/2000

PATENT
REEL: 011414 FRAME: 0801