| | Docket No.: CIRC.001C |
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| | U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office |
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| | 5. Please record the care original documents of copy thereof. |
| 1. Name of conveying party(ies): Jorge Eduardo FRANKE John Sargent FRENCH Sheldon Louis SUN William Joseph THOMPSON | 2. Name and address of receiving party(ies): Name: Circadiant Systems, Inc. Address: 7660 Imperial Way, Suite C-103 |
| Additional names(s) of conveying party(ies) | |
| 3. Nature of conveyance: | |
| 🛛 Assignment 🗌 Merger | |
| Security Agreement Change of Name | City: Allentown State/Prov.: PA |
| Other | Country: USA ZIP: 18195-1016 |
| Execution Date: October 1, 2002 | Additional name(s) & address(es) |
| 4. Application number(s) or patent numbers(s):If this document is being filed together with a new application | n, the execution date of the application is: October 1, 2002 |
| Patent Application No. Filing date | B. Patent No.(s) |
| Patent Application No. Filing date NEW 0/09/2002 RHARIS1 00000049 10265703 3 FC:581 C Additional numbers | |
| NEW October 8, 2002 0/09/2002 RHARISI 00000049 10265703 3 FC:581 E 40.00 00 | |
| NEW October 8, 2002 0/09/2002 RHARISI 00000049 10265703 3 FC:581 E 40.00 09 Additional numbers 5. Name and address of party to whom correspondence | Yes No 6. Total number of applications and patents involved: 1 |
| NEW O/09/2002 RHARISI 00000049 10265703 Additional numbers 5. Name and address of party to whom correspondence concerning document should be mailed: | |
| NEW O/09/2002 RHARISI 00000049 10265703 3 FC:581 C Additional numbers 5. Name and address of party to whom correspondence concerning document should be mailed: Name: ANDREW J. TELESZ, JR. Registration No. 33,581 | Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):\$ 40.00 Z Enclosed - Any excess or insufficiency should be |
| NEW O/09/2002 RHARISI 00000049 10265703 3 FC:581 C 40.00 09 Additional numbers 5. Name and address of party to whom correspondence concerning document should be mailed: Name: ANDREW J. TELESZ, JR. Registration No. 33,581 Address: VOLENTINE FRANCOS, P.L.L.C. | Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):\$ 40.00 Z Enclosed - Any excess or insufficiency should be credited or debited to deposit account |
| NEW O/09/2002 RHARISI 00000049 10265703 3 FC:581 C 40.00 09 Additional numbers 5. Name and address of party to whom correspondence concerning document should be mailed: Name: ANDREW J. TELESZ, JR. Registration No. 33,581 Address: VOLENTINE FRANCOS, P.L.L.C. | Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):\$ 40.00 Z Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account |
| NEW October 8, 2002 Additional numbers Additional numbers Additional numbers S. Name and address of party to whom correspondence concerning document should be mailed: Name: ANDREW J. TELESZ, JR. Registration No. 33,581 Address: VOLENTINE FRANCOS, P.L.L.C. 12200 SUNRISE VALLEY DRIVE, SUITE 150 | Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):\$ 40.00 Z Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account 8. Deposit account number: |
| NEW October 8, 2002 Additional numbers 5. Name and address of party to whom correspondence concerning document should be mailed: Name: ANDREW J. TELESZ, JR. Registration No. 33,581 Address: VOLENTINE FRANCOS, P.L.L.C. 12200 SUNRISE VALLEY DRIVE, SUITE 150 City: RESTON City: RESTON City: USA State/Prov.: VA Country: USA 9. Statement and signature. | Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):\$ 40.00 Z Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account 8. Deposit account number: 50-0238 |

of Application

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each

of the undersigned

| Insert Name(s) | Jorge Eduardo FRANKE William Joseph THOMPSON |
|----------------------------------|--|
| of Inventor(s) | John Sargent FRENCH |
| | Sheldon Louis SUN |
| | the undersigned hereby sell(s) and assign(s) to |
| Insert Name(s) of Assignee(s) | Circadiant Systems, Inc. |
| Address | of 7660 Imperial Way, Suite C-103, Allentown, PA 18195-1016 |
| 71001035 | (hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC |
| | 100, in the invention known as |
| | UNITARY TESTING APPARATUS FOR PERFORMING BIT ERROR RATE MEASUREMENTS ON |
| Title of Invention | OPTICAL COMPONENTS |
| | for which an application for patent in the United States of America has been executed by the undersigned |
| Date of Signing | an October 1 2002 |

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.



The undersigned hereby grant(s) to Adam C. Volentine, Reg. No. 33,289 and William S. Francos, Reg. No. 38,456, and the firm of VOLENTINE FRANCOS, P.L.L.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

| Date | 10/1/02 | , Name of Inventor | Josge & Frankle |
|--------|-----------|----------------------|-------------------------|
| Date | 11 | , Name of Inventor _ | Jorge Eduardo Franke |
| | | , Name of Inventor _ | John Sargent French |
| | 101 12000 | , Name of Inventor _ | Sheldon Louis Sun |
| Date _ | | , Name of Inventor | William Joseph Thompson |

(Note regarding Witnessing and/or Acknowledgment: Acknowledgment before a United States Consul is preferred but not required. If not acknowledged, then it is recommended that the execution by the Inventor(s) be witnessed by at least two witnesses who sign here. However, the current practice of the U.S. Patent and Trademark Office is to record an Assignment even if it has not been acknowledged and/or witnessed.)

| Witne | ss Const & Jerguna | act 1, 2002 | | | | | |
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| Witne | ss Such a Jergum | 10/01/02- | | | | | |
| ACKNOWLEDGMENT | | | | | | | |
| | <pre>> ss</pre> | | | | | | |
| This | day of | , 19, before me personally ca | me the above-named | | | | |
| foregoing assignment, w set forth. | ho did acknowledge to me that he (they) exe | to me personally known as the individuate the same of his (their) own free will for | | | | | |
| SEAL | | Official Signature | | | | | |
| | | Official Title | | | | | |
| * | * | * | * * * * | | | | |
| Applicant Reference No | .: <u>Unknown</u> Atty Dock | et No.: <u>CIRC.001C</u> | : | | | | |
| Serial No.: | Filing Date | 3: | <u></u> | | | | |

RECORDED: 10/08/2002