Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | | | NEW ASSIGNMENT | |
|--|------------------------|-------|------------------|----------------|
| NATURE OF CONVEYANCE: | | | ASSIGNMENT | |
| CONVEYING PARTY DATA | | | | |
| N | | | lame | Execution Date |
| Andrew Moore | | | | 08/08/2000 |
| Susan Tower | | | | 08/04/2000 |
| Bryan E. Yunker | | | | 08/07/2000 |
| RECEIVING PARTY DATA | | | | |
| Name: | Picolight Incorporated | | | |
| Street Address: | 1480 Arthur Avenue | | | |
| City: | Louisville | | | |
| State/Country: | COLORADO | | | |
| Postal Code: | 80027 | | | |
| PROPERTY NUMBERS Total: 1 | | | | |
| Property Type | | | Number | |
| Application Number: 10 | | 10795 | Number 5423 | |
| CORRESPONDENCE DATA | | | | |
| Fax Number:(705)591-5907Correspondence will be sent via US Mail when the fax attempt is unsuccessful.Phone:703-591-2664Email:janet.wright@jagtiani.comCorrespondent Name:Ajay A. JagtianiAddress Line 1:10363-A Democracy LaneAddress Line 4:Fairfax, VIRGINIA 22030 | | | | |
| ATTORNEY DOCKET NUMBER: | | | PICO-0032-DV1 | |
| NAME OF SUBMITTER: | | | Ajay A. Jagtiani | |
| Total Attachments: 3 source=PICO-0032-DV1 10,795,423 (AM)#page1.tif source=PICO-0032-DV1 10,795,423 (BY)#page1.tif | | | | |

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ASSIGNMENT

WHEREAS, ANDREW MOORE, whose post office addresses appear below (hereinafter referred to as Assistion), have invented centain new and useful improvements in an PLUGGABLE SMALL FORM FACTOR TRANSCEIVERS (hereinafter referred to as Thm Invention) for which an application for United States Letters Patent was filed concurrently herewith, Serial Number: _____;

WHEREAS, PICOLIGHT INCORPORATED, whose post office address is 4665 Nautilus Court South, Suite 3, Boulder, Colorado 80-80301, (hereinafter referred to as Assigner), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world,

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, Assionon, by these presents do sell, assign and transfer until said Assionen, the entire right, tile and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application, and the entire right, tile and interest in and to said invention throughout the world, including the right tile and interest in and to said invention throughout the world, including the right to apply for patents and unventor certificates in respect thereof and to claim priority pursuant to rights accorded Assioned under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said unventor.

ALSO, Assesses hereby agrees to execute any documents that legally may be required in connection with the filing, prosession and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said inventor, including additional documents that may be required to affirm the rights of Assionze in and to said invention, all without further consideration. Assionce also agrees, without further consideration and at Assionze's expense, to identify and communeate to Assionze at Assionce's request documents and information concerning the invention that are within Assionce's possession or control, and to provide further assurances and testimony on behalf of Assionze that lawfully may be required of Assionce in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

Assigner, also agrees, without further consideration and at Assigner's expense, to transfer the right to sue for past infringement to Assigner and at Assigner's request documents and information concerning the enforcement of the right to sue within Assigner's possession or control, and to provide further assurances and testimony on behalf of Assigner that lawfully may be required of Assigner in respect of the right to sue of any patent encompassed within the terms of this instrument.

Assumer's obligations under this instrument shall extend to Assumer's heirs, executors, administrators and other legal representatives.

Assigner hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to Assigner of the entire right, tile and interest in and to the same, for Assigner's sole use and behalf, and for the use and behalf of Assigner's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by Assigned had this assignment and sale not performed.

Andrew Moore 1313 Iris Circle Bioomfield, Colorado - 80020 -

12, 2000 555 550 -92-2367 Marina property but not required

Before me personally appeared said ______ und acknowledges this instrument to be his theri free act and deed this ______ day of ______ 2000.

Notary Public

ULLIY SLASSWART VOMER

ASSIGNMENT

WHEREAS, BRYAN YUNKER, whose post office addresses appear below (hereinafter referred to as Assistance), have invented certain new and useful improvements in an PLUGGABLE SMALL FORM FACTOR TRANSCEIVERS (hereinafter referred to as The Erverstual) for which an application for United States Letters Patent was filed concurrently herewith, Serial Number: _____;

WHEREAS, PICOLIGHT INCORPORATED, whose post office address is 4665 Nautilus Court South, Suite 3, Boulder, Colorado 80-80301, (hereinafter referred to as Assigner), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, Assonad, by these presents do sell, assign and transfer until said Assonage, the entire right, tile and interest in and to said invention and application throughout the United States of America, including any and all United States Latters Patent granted on any division, continuation, confinuation-part and reissue of said application, and the entire right, tile and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded Assonage under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and to may and all patents of addition, ubbity models, patents of importance, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO, Assistion hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said avention, including additional documents that may be required to affirm the rights of Assistance in and to said invention, all without huther consideration. Assistance also agrees, without further consideration and at Assistance's expense, to identify and communicate to Assistance's request documents and information concerning the invention that are within Assistance's possession or control, and to provide further assistances and testimony on behalf of Assistance that lawfully may be required of Assistance in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

Assigner also agrees, without further consideration and at Assigner's expense, to transfer the right to sue for past infingement to Assigner and at Assigner's request documents and information concerning the enforcement of the right to sue within Assigner's possession or control, and to provide further assurances and testimony on behalf of Assigner that lawfully may be required of Assigner in respect of the right to sue of any patent encompassed within the terms of this instrument.

Assionor's obligations under this instrument shall extend to Assionor's heirs, executors, administrators and other legal representatives.

Asstonor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to Asstonice of the entire right, the and interest in and to the same, for Asstonice's sole use and behalf, and for the use and behalf of Asstonice's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by Asstonice held by Asstonice and sale not been made.

Bryan Yunker 1194 Twin Peaks Circle Longmont, CO 80503-2170

Signature

Date: 8-7-00

(Notorstanon preferred but not required.

Before me personally appeared said BRANKE TUNKER act and deed this _ 7 D day of Alegust _____ 2000. and acknowledges this instrument to be his (her) free

5571

Notary Public Harte

My Commission Expires

PATENT REEL: 019692 FRAME: 0021





ASSIGNMENT

WHER-NS, SUSAN TOWER, whose post office addresses appear below (hereinafter referred to as Automatch have inventiocentant new and useful nanovements in an PLUGCARLE SMALL FORM FACTOR TRANSCEIVERS (hereinatter referred to as fur (xymetrics) for which an application for United States Letters Patent was filed concurrently herowith, Serial Number:

Will-REAS, PICOLEUR INCORPORATED, whose post office address is 4665 Naufilus Court South, Suite 3, Boulder, Colorador 80-80301, theremater referred to as Assume), is desirous of acquining the entire right, title and interest in and to the same in the United States and Buomahout the world

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, Asstonor, by these presents do sell, assign and transfer until said Assisiver, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application, and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded Assionors under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of sud invention.

ALSO, Assume hereby agrees to execute any documents that legally may be required at connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for and invention, including additional documents that may be required to affirm the rights of Asstonian in and to said invention, all without further consideration. Asstoner also agrees, without further consideration and at Assignments expense, to identify and communicate to Automate at Associate's request documents and information concerning the invention that are within Austemore's possession or control, and to provide initial assurances and instantony on behalf of Assurance that lawfully may be required of Assurance in respect of the prosecution maintuitances of definition of one pident application or patient endous passed within the tennic of this instrument.

Assistance also agrees, without further consideration and at Assistance's expense, to transfer the right to say for past infringement to ASSIGNEE and at ASSIGNEE'S request documents and information concerning the enforcement of the right to sue within Assigned 3 possession or control, and to provide further assurances and testimony on behalf of Assistance that lawfully may be required of Assistance in respect of the right to sue of any patent encompassed within the terms of this instrument.

Assignous's obligations under this instrument shall extend to Assignous's heirs, executors, administrators and other legal representatives

Asstanoa hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and al! United States Letters Patent referred to above to Asstonme of the entire right, title and interest in and to the same, for Asstonmen's sole use and behalf; and for the use and behalt of Abstorna s legal representatives and successors, to the full end of the term for which such Letters Patent may be granterly as fully and entirely as the same would have been held by Assisnor had this assignment and sale not been made

Susan Tower 136 South Filden Nederlend, CO 80466

Sustance Tower Date: 8/4/00

SSN. S. 3-94-2038 - Wassersunan professed has and construction

Before me personally appeared said Before me presonally appeared suid act and deed this _____ day of _____

2000

and acknowledges this instrument to be a subert free

Notury Public

PATENT REEL: 019692 FRAME: 0022

RECORDED: 08/14/2007