

Atty. Docket No.

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FORM PTO-1619A
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OMB 0651-0027

U.S. Department of Commerce
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Patent Application Number(s)

Patent Number(s)

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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

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

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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.

Randolph J. Huis, Esquire

October 17, 2001

Name of Person Signing
Reg. No. 34,626

Signature

Date

Express Mail Label No. EL7033879873US

Atty. Docket No. UPG-PT002

ASSIGNMENT

WHEREAS, Karl Joachim Ebeling, residing at Kelternweg 70, Ulm, Germany, D-89075, a citizen of Germany (hereafter the undersigned), is the inventor of

**OPTOELECTRONIC DEVICE HAVING A HIGHLY CONDUCTIVE
CARRIER TUNNELING CURRENT APERTURE**

for which the undersigned executed an application for United States Letters Patent, U.S. Patent Application No. 09 1704,346, filed 11.02., 2000.

The undersigned hereby authorizes assignee or assignee's representative to insert the Application Number and the filing date of this application if they are unknown at the time of execution of this assignment.

AND, WHEREAS, U-L-M Photonics GmbH, a German corporation, having its principal place of business at Albert-Einstein-Allee 45, Ulm, Germany, D-89081 (hereafter referred to as the assignee), is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

NOW, THEREFORE, in consideration of One Dollar (\$1.00), receipt of which is acknowledged by the undersigned, and of other good and valuable consideration, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest in said invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues thereof, throughout the world, including the right to claim priority under the Paris Convention.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrants that the rights and property herein conveyed are free and clear of any encumbrance.

EXECUTED under seal on this 14 day of October, 2000¹
at Ulm, Germany

Witness:

Roger King

Karl Joachim Ebeling (L.S.)
Karl Joachim Ebeling