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1996 U.S. PTO
10/086016

02/28/02

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Name (line 1) John T. Torvik

2/27/02

Name (line 2)

Second Party

Name (line 1)

Name (line 2)

Execution Date
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Receiving Party

- ☐ Mark if additional names of receiving parties attached

Name (line 1) Astralux, Inc.

Name (line 2) 2500 Central Avenue

Address (line 1)

Address (line 2)

Address (line 3) Boulder Colorado 80302

City

State/Country

Zip Code

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Correspondent Name and Address

Area Code and Telephone Number **303-473-2708**

Name **Earl C. Hancock**

Address (line 1) **Holland & Hart LLP**

Address (line 2) **P.O. Box 8749**

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Address (line 4)

Pages

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Patent Application Number(s)

60/272,532

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
02/27/02

Patent Cooperation Treaty (PCT)

Enter PCT application number
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Number of Properties

Enter the total number of properties involved.

1

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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.

Earl C. Hancock

Name of Person Signing

Signature

Date

2/27/02

A S S I G N M E N T

WHEREAS, I, JOHN TARJE TORVIK, having a residence address of 1025 Turnberry Circle, Louisville, Colorado 80027, have made a certain new and useful invention relating to a METHOD OF MAKING A HYBRIDE SUBSTRATE HAVING A THIN SILICON CARBIDE MEMBRANE LAYER, for which I am making or I have made application for Letters Patent of the United States, said application being identified by Docket No. 36520.830011.001 in the law firm of Holland & Hart LLP, 555 Seventeenth Street, Suite 2900, Denver, Colorado, and which claims priority from the provisional application filed in the U.S. Patent Office on March 1, 2001, as Serial No. 60/272,532 and

WHEREAS, I now own the entire right, title and interest therein; and

WHEREAS, Astralux, Inc. (hereinafter "Assignee"), a Colorado corporation, whose post office address is 2500 Central Avenue, Boulder, Colorado 80301, is desirous of acquiring the entire interest in and to said invention, said application, and the Letters Patent to be obtained therefor;

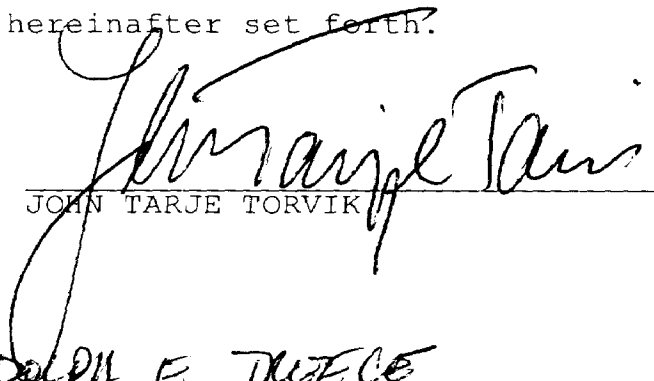
NOW THEREFORE for valuable consideration, receipt and adequacy of which is hereby acknowledged, I have sold, assigned, and set over, and by these presents do hereby sell, assign, and set over, unto the said Astralux, Inc., and said Assignee's legal representatives, successors, and assigns, the entire right, title, and interest in and to said invention,

said application, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the above-mentioned Assignee, consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, I do hereby covenant and agree with the said Assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuation, continuation-in-part, continuing, renewal, reissued or extended Letters Patent of the United States, or of any and all foreign countries, on said invention, and in enforcing any rights or chose in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, and having read this entire document including all prior pages, I have hereunto set my hand and affixed my seals on the date hereinafter set forth.

✓ Date: 2/27/2002


JOHN TARJE TORVIK

✓ Witness printed name: RANDOLPH E TWEECE

✓ Witness signature:  2/27/02