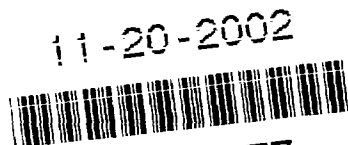


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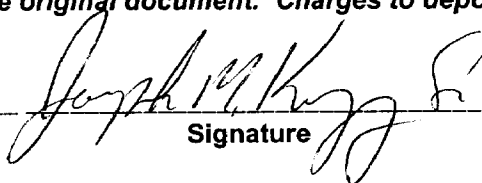
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November 14, 2002

Date

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Tai-Shan Liao

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) Precision Instrument Development Center National Science Council having a place of business at

(3) No. 20, R&D Road VI, Science-based Industrial Park, Hsinchu, Taiwan 300, R.O.C.

(hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

(4) DEVICE HAVING THREE TRANSISTORS FOR DRIVING LIGHT-EMITTING ELEMENT

which application was:

(a) executed by the undersigned on (5a) November 8, 2002

(b) filed on (5b) _____

and assigned Serial No. _____

including any and all United States letters Patents which may be granted on said application, and any and all extensions, divisions, reissues, substitutes, renewals or continuations of said application and patents, and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee, its assigns or its successors in interest or its designee.

Upon said consideration, it is further agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining patent protection as provided herein.

DATE:

November 8, 2002

INVENTOR(S)

Tai-Shan Liao

Tai-Shan Liao

WITNESSES: