

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shih-Che HUNG</td> <td>02/14/2011</td> </tr> <tr> <td>Hong-Lun LIU</td> <td>02/14/2011</td> </tr> <tr> <td>Yi-Chih YEH</td> <td>02/14/2011</td> </tr> </tbody> </table>		Name	Execution Date	Shih-Che HUNG	02/14/2011	Hong-Lun LIU	02/14/2011	Yi-Chih YEH	02/14/2011		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Micro-Star Int'l Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>No. 69, Lide St., Zhonghe Dist</td> </tr> <tr> <td>City:</td> <td>New Taipei City</td> </tr> <tr> <td>State/Country:</td> <td>TAIWAN</td> </tr> <tr> <td>Postal Code:</td> <td>235</td> </tr> </table>		Name:	Micro-Star Int'l Co., Ltd.	Street Address:	No. 69, Lide St., Zhonghe Dist	City:	New Taipei City	State/Country:	TAIWAN	Postal Code:	235
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CORRESPONDENCE DATA											
<p>Fax Number: (703)205-8050 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-205-8000 Email: tisdale@bskb.com Correspondent Name: Birch, Stewart, Kolasch & Birch, LLP Address Line 1: P. O. Box 747 Address Line 4: Falls Church, VIRGINIA 22040-0747</p>											
ATTORNEY DOCKET NUMBER:	0941-2475PUS1										
NAME OF SUBMITTER:	Paul C. Lewis										
<p>Total Attachments: 1 source=ASSIGNMENT#page1.tif</p>											

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PATENT
REEL: 025933 FRAME: 0849

ASSIGNMENT

WHEREAS, Shih-Che HUNG, Hong-Lun LIU and Yi-Chih YEH
hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements
as described and set forth in the below identified application for United States Letters Patent:

Title: DIRECTION DEVICE AND OPERATION SYSTEM UTILIZING THE SAME

Filed: March 9, 2011 Serial No. 13/044,050

Executed on: February 14, 2011

WHEREAS, Micro-Star Int'l Co., Ltd. of No. 69, Lide St., Zhonghe Dist, New Taipei City 235, Taiwan hereinafter referred to as ASSIGNEE, is desirous
of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S.
Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for
good and valuable consideration, receipt of which is hereby acknowledged by Assignor,
Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign
and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their
rights, title and interest in and to the said invention and application and all future
improvements thereon, and in and to any Letters Patent which may hereafter be granted on
the same in the United States, the said interest to be held and enjoyed by said Assignee as
fully and exclusively as it would have been held and enjoyed by said Assignor had this
Assignment and transfer not been made, to the full end and term of any Letters Patent which
may be granted thereon, or of any division, renewal, continuation in whole or in part,
substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said
Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said
application and/or applications, execute, verify, acknowledge and deliver all such further
papers, including applications for Letters Patent and for the reissue thereof, and instruments
of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may
request, to obtain or maintain Letters Patent for said invention and improvement, and to vest
title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the
date(s) indicated.

Shih-Che HUNG
Shih-Che HUNG

Feb. 14 / 2011
Date

Hong-Lun LIU
Hong-Lun LIU

Feb. 14 / 2011
Date

Yi-Chih YEH
Yi-Chih YEH

Feb. 14 / 2011
Date