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1. Name of conveying party(ies)/Execution Date(s):
Muralidhar Karthik
Ser Wah

Execution Date(s) March 2, 2005, respectively
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: STMicronics Asia Pacific Pte. Ltd.
Internal Address: _____

Street Address: 5A, Serangoon North Avenue 5

City: _____
State: _____
Country: Singapore Zip: 554574

Additional name(s) & address(es) attached? Yes No

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3. Nature of conveyance:
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4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
10/999,370
B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: Docket Clerk
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Street Address: P.O. Box 802432

City: Dallas
State: Texas Zip: 75380
Phone Number: 972-628-3600
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6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
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9. Signature: [Signature] 4-28-05
Signature Date

Daniel E. Venglarik, Reg. No. 39,409
Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 3

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PATENT
REEL: 016509 FRAME: 0375

ASSIGNMENT

WHEREAS, We, Muralidhar Karthik, a resident of India, and citizen of India, and Ser Wah Oh, a resident of Malaysia, and a citizen of Malaysia, have invented certain new and useful improvements in "METHOD AND SYSTEM FOR ESTIMATING THE SPEED OF A MOBILE DEVICE IN A NETWORK" disclosed in an application for United States Letters Patent Application No. 10/999,370, filed November 30, 2004, said application having been executed concurrently herewith;

WHEREAS, STMICROELECTRONICS ASIA PACIFIC PTE. LTD., a corporation organized under the laws of Singapore, having a place of business at 5A, Serangoon North Avenue 5, Singapore 554574, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;


NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; we authorize Lisa K. Jorgenson of STMICROELECTRONICS, Inc. and William A. Munck, John T. Mockler and Daniel E. Venglarik of Davis Munck, P.C. to insert in the parenthesis above the application number and filing date of said application when known; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.


We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all

divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date: March 02 - 2005


Muralidhar Karthik

Date: Mar. 02, 2005.


Ser Wah Oh