

04-14-2003

1-31-92

Patent & Trademark Office

To the Honorable Commissioner of Patents and Tr

nal documents or copy thereof.

1. Name of conveying party(ies):

Taylor J. LEAMING

102419024

2. Name and address of receiving party(ies):

Name: STMicroelectronics, Inc.Address: 1310 Electronics DriveCarrollton, Texas 75006

Additional name(s) of conveying party(ies) attached () Yes (X) No

3. Nature of Conveyance:

(X) Assignment

() Merger

() Security Agreement

() Change of Name

() Other _____

Execution Date: March 20, 2003

Additional name(s) and address(s) attached? () Yes (X) No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent application No.(s)

B. Patent No.(s)

NOT YET ASSIGNED**10 403 954**

Additional numbers attached? () Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and patents involved: [1]

Name: Mario Donato, Esq.7. Total fee (37 CFR 3.41).....\$ 40.00Internal Address: STMicroelectronics, Inc.

[X] Enclosed

1310 Electronics Drive

[] Authorized to be charged to deposit account.

Street Address: CarrolltonState: Texas Zip: 75006 - 5039

8. Deposit Account Number:

01-0484

If any additional extension and/or fee is required, or, if any additional fee for claims is required.

04/11/2003 LMUELLER 00000049 10403854

DO NOT USE THIS SPACE

01-FC-0021

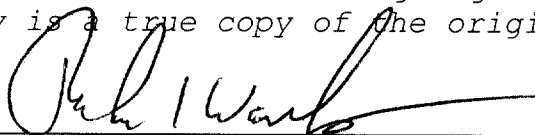
40.00 00

9. Statement and signature.

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.

Richard K. Warther

Name of Person Signing



Signature

March 31, 2003

Date

Total number of pages including cover sheet, attachments and document: [3]

J1132 U.S. PRO

10/403854

03/31/03

A S S I G N M E N T

WHEREAS, Taylor J. LEAMING of Austin, Texas; hereinafter referred to as ASSIGNOR, has made certain improvements or inventions in SMART CARD AND METHOD THAT MODULATES TRAFFIC SIGNALING INDICATIVE OF OPERATIONAL ATTRIBUTES OF THE SMART CARD AND/OR TRANSACTIONS BETWEEN THE SMART CARD AND USB PORT OF A USB HOST, for which ASSIGNOR has executed an application for United States Letters Patent filed herewith in the United States Patent and Trademark Office; and

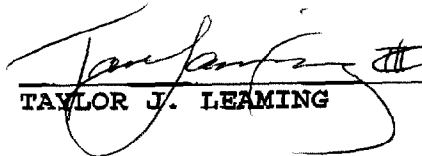
WHEREAS, STMicroelectronics, Inc., Carrollton, Texas, a Delaware corporation, hereinafter referred to as ASSIGNEE, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said ASSIGNOR does hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said ASSIGNOR does hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNOR** for said consideration hereby covenants and agrees that said **ASSIGNOR** is the owner of the full title herein conveyed and has the right to convey the same, and agree that said **ASSIGNOR** will communicate to said **ASSIGNEE** any acts known to said **ASSIGNOR** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

IN WITNESS WHEREOF I have hereunto set my hand on the date indicated below.

3/20/2003
Date


TAYLOR J. LEAMING