

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 2000/2/1 , Name of Inventor Man Nyo Kim
(signature)

Date _____ , Name of Inventor _____
(signature)

Date _____ , Name of Inventor _____
(signature)

Date _____ , Name of Inventor _____
(signature)

Date _____ , Name of Inventor _____
(signature)

Date _____ , Name of Inventor _____
(signature)

03-09-2000

PATENT APPLICATION

2.22.00

INT



DEMARK OFFICE

101285910

Applicant: Paul Astrachan et al. Examiner:
 Serial No. Art Group:
 Filing Date: Docket No. SIG99009
 Title: Method and Apparatus for INBOUND TELECOMMUNICATION INTERFACING UTILIZING UADSL



To the Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

2/22/2000

ASSIGNMENT COVER SHEET PURSUANT TO 37 CFR 3.28 AND 3.31

The Assignee hereby respectfully requests that the accompanying assignment be recorded by the United States Patent and Trademark Office. The Assignee provides the following information as required by 37 CFR 3.31.

1. Name of the party, or parties, conveying the interest:

Paul Astrachan H. Spence Jackson Mathew A. Rybicki

2. Name and address of the party receiving the interest:

SigmaTel, Inc., 2700 Via Fortuna, Austin, Texas 78746;

3. Description of the interest conveyed: All rights, title, and interest in the above captioned patent application;

4. The above captioned patent application is:

09/512150

03/02/2000 DAVIS No fee to file together with this Assignment Cover Sheet;

04 FC:581 already on file with the US Patent and Trademark Office;

5. Correspondences concerning the recording of the accompanying assignment should be mailed to the undersigned at the provided address;

6. There is only one patent application being recorded and the fee for such recording is \$ 40.00

7. The accompanying assignment was executed on 2/22/00

8. The undersigned states, to the best of his knowledge and belief, that the information contained on this Assignment Cover Sheet is true and correct and any copy submitted is a true copy of the original document.

Respectfully Submitted,

By: Timothy W. Markison
Timothy W. Markison
Registration No. 33,534

SigmaTel, Inc.,
6101 West Courtyard Drive
Building 1
Austin, Texas 78730
Phone: (512) 343-6636 x32
Fax: (512) 343-6199

ASSIGNMENT OF U.S. PATENT APPLICATION

This is an assignment of patent rights between SigmaTel, Inc. having a place of business at 2700 Via Fortuna, Suite 500 Austin, Texas, 78746 (herein after referred to as the Assignee) and the inventor(s)

Paul Astrachan H. Spence Jackson Mathew A. Rybicki

(herein after referred to as the Inventor).

WHEREAS, Inventor has caused to be prepared a United States Patent Application in the Inventor's name entitled: **METHOD AND APPARATUS FOR INBOUND TELECOMMUNICATION INTERFACING UTILIZING UADSL**

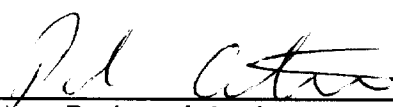
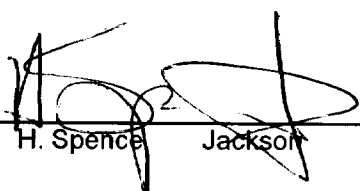
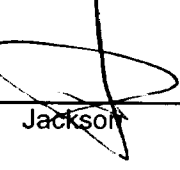
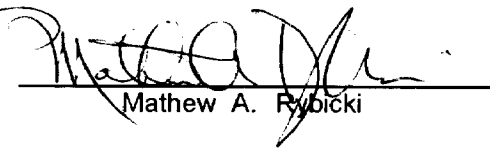
having a docket number of SIG99009 (herein after referred to as the Patented Invention); and

WHEREAS, Assignee has a desire to acquire all rights, title, and interest in the Patented Invention.

NOW, THEREFORE, the parties agree as follows:

1. The Inventor hereby sells, assigns, and transfers its entire rights, title, and interest in the Patented Invention and all patents that may be granted therefrom due to divisions, reissue, substitutions, extensions, continuations, and continuations-in-part to the Assignee.
2. The Inventor hereby sells, assigns, and transfers its entire rights, title, and interest in any foreign (non U.S.) national patent application, invention registration, or equivalent, claiming approximately the same subject matter of the Patented Invention to the Assignee.
3. The consideration for the sale, assignment, and transfer, which both parties acknowledge to be valuable, has been conveyed to the Inventor by the Assignee as at least one of: employment, an independent contractor agreement, monetary payment, or other benefit
4. Inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue the patent for the Patented Invention, and all resulting patents therefrom, insofar as Inventor's interest is concerned, to the Assignee.
5. The Inventor further agrees 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 the Assignee.
6. The Inventor hereby further agrees to communicate with the Assignee any facts its knows regarding any improvements of the Patented Invention.
7. The Inventor hereby yet further agrees to, at the expense of the Assignee: (i) testify in any legal proceedings, (ii) sign all lawful papers, (iii) execute all divisional, continuation, continuation-in-part, reissue and substitute applications, (iv) make all lawful oaths, and generally do everything possible to vest title in the Assignee and to aid the Assignee to obtain and enforce proper protection for the subject matter of the Patented Invention in all countries.

This assignment is executed on the date(s) of which the Inventor has signed.
Inventor:

 _____ Paul Astrachan	2/22/00 _____ date	 _____ H. Spence	 _____ Jackson	_____ date
 _____ Mathew A. Rybicki	2/22/00 _____ date	_____ date	_____ date	_____ date