

12-27-2002

Docket No.: YUSO-185

FC * 1 PTO-1595 (Modified)
(Rev. 03-01)
OMS*. No. 0651-0027 (exp. 5/31/2002)
P05A/REV03



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U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Chang-Lien Wu
Jin-Ru Chen

12/17/02

Additional names(s) of conveying party(ies) Yes No

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

Name: Realtek Semiconductor Corp.

Address: No. 2, Industry E. Road IX

Science-Based Industrial Park

City: Hsinchu State/Prov.: _____

Country: Taiwan, R.O.C. ZIP: _____

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

J1046 U.S. PTO
10/321993
12/17/02

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: December 5, 2002

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

If this document is being filed together with a new application, the execution date of the application is: 12/5/02

Patent Application No. _____ Filing date _____

B. Patent No.(s) _____

Additional numbers Yes No

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

Name: Raymond Sun

Registration No. 35,699

Address: 12420 Woodhall Way

12/26/2002 6TOM11 00000013 10321993

01 FC:0021 40.00 DP

City: Tustin State/Prov.: CA

Country: U.S.A. ZIP: 92782

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ 40.00

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number: _____

(Attach duplicate copy of this page if paying by deposit account)

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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.

Raymond Sun

Name of Person Signing

Signature

12-17-02

Date

3

Total number of pages including cover sheet, attachments, and

ASSIGNMENT

Attorney Docket No. Y050-185

(1-8) Insert Name(s) of Inventor(s) (1) Jin-Ru Chen (5) _____
(2) Chang-Lien Wu (6) _____
(3) _____ (7) _____
(4) _____ (8) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(1-9) Insert name of Assignee (9) Realtek Semiconductor Corp.

(10) Insert state of Incorporation of Assignee (10) Hsinchu, Taiwan
(11) of No.2, Industry E. Rd., IX, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.

(11) Insert address of Assignee (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) Insert identification of Invention, such as Title, Case Number or Foreign Application Number (12) **Apparatus and Method for Bandwidth Control** (Case No. 910430.IE1)
for which the undersigned has (have) executed an application for patent in the United States of America
(13) on 12-5-02

(13) Insert Date of Signing of Application

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

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patens to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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.

6) The undersigned hereby grants RAYMOND SUN, Reg. No.35,699, 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 United States Patent & Trademark Office for recordation of this document.

Date: DEC. 05 2002 Name of Inventor Chang-Lien Wu (SEAL)
Date: DEC. 05 2002 Name of Inventor Jin Ru Chen (SEAL)
Date: _____ Name of Inventor _____ (SEAL)
Date: _____ Name of Inventor _____ (SEAL)
Date: _____ Name of Inventor _____ (SEAL)
Date: _____ Name of Inventor _____ (SEAL)