						
 _	05-07-2003	DOCUMENT FOR RECORDATION PATENTS ONLY Atty. Docket: BHT-3111-324				
L		nd Trademarks: Please	record the attached original documents or copy thereof.			
1		-30-03	2. Name and address of receiving party(ies): Name: Realtek Semiconductor Corp.			
	Additional name(s) of conveying party(ies) attached?	Foreign Address: No.2, Industry E. Rd., IX Science-Based Industrial Park			
	N		Hsinchu, Taiwan, R.O.C.			
3.	Nature of conveyance: X Assignment	nge of Name	Domestic Address:			
	Execution Date: April 15, 2003 (All of	Them)	City: State ZIP			
			Additional name(s) & address(es) attached? Yes X No			
4.	Application number(s) or patent number If this document is being filed together A. Patent Application No.(s)	with a new application,	the execution date of the application is: April 15, 2003 B. Patent Registration No.(s)			
	Addition	nal numbers attached?	Yes X No			
5.	Name and address of party to whom concerning document should be mailed:		6. Number of applications and patents involved: One (1)			
	Name: TROXELL LAW O	FFICE PLLC				
	5205 Leesburg Pike		7. Total fee (37 CFR 3.41): \$40.00			
	Suite 1404		X Enclosed			
	Falls Church, Virgin	uia 22041-3401	Authorized to be charged to deposit account			
	Telephone No.: (703) 575-2711		8. Deposit account number 501874			
•	Facsimile No.: (703) 575-2707		(Attach duplicate copy of this page if paying by deposit account):			
05/01	/2003 HLE333 00000037 10425969	$\overline{}$				
02 FC:8021 40.00 0P DO NOT USE THIS SPACE						
9.	Statement and signature. To the best of my knowledge and belief, original document. Bruce H. Troxell Name of Person Signing	the foregoing information	on is true and correct and any attached copy is a true copy of the April 30, 2003 Date			
Registration No.26,592 Total number of pages including cover sheet, attachments, and documents:						

BHT/mbh

ASSIGNMENT

WHEREAS. I (we), Jin-Ru Chen; Chun-Feng Liu

whose post office address(es) appear below, hereinafter referred to as ASSIGNOR, is (are) the owner(s) of certain new and useful improvements in

Method and Apparatus for Packet Forwarding in a Switch Controller

(Hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

□ executed on even date herewith

□ executed on:

□ filed on:

Serial No.:

WHEREAS. Realtek Semiconductor Corp

□ established by PCT International Patent Application No.:

whose post office address is No.2, Industry E. Rd., IX, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.

hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world.

NOW. THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to the said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said INVENTION.

ALSO, ASSIGNOR hereby agrees to executed any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE is and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE—expense, to identify and communicate to ASSIGNEE at ASSIGNEE—request documents and information concerning the INVENTION that are within ASSIGNOR—possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument ASSIGNOR—obligations under this instrument shall extend to ASSIGNOR—heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby Reauthorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE—sole use and behoof; and for the use and behoof of ASSIGNEE—legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Troxell Law Office Plle to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Assignor Name Jin-Ru Chen			Address No.15, YingCheng 6 St., TaiChung, Taiwan,	
Where Signed			R.O.C.	
Date APR. 15 2003			Signature In An Chan	
		Ss.	(Notarization preferred but not required)	
Before me personally appeared said			And acknowledged this instrument to be his	
(her) free act and deed this day of		w	. 2000.	

PATENT REEL: 014024 FRAME: 0721

ASSIGNMENT

Page: _____

Assignor Name Chun-Feng Liu	Address 1F, No.24, Ln.50, HuLin St., HsinYi		
Where Signed	Distr	rict, Taipei, Taiwan, R.O.C.	
Date APR. 15 Z003	Signature	Chun Jeen Jin	
	ss.	(Notarization preferred but not required)	
Before me personally appeared saidinstrument to be his (her) free act and deed this	day of	And acknowledged this . 2000.	
•			
		Notary Public My Commission Expires:	
Assignor Name	Address		
Where Signed			
Date	Signature		
	ss.	(Notarization preferred but not required)	
Before me personally appeared said	day of	And acknowledged this , 2000.	
		Notary Public My Commission Expires:	
Assignor Name	Address		
Where Signed			
Date	Signature		
	ss.	(Notarization preferred but not required)	
Before me personally appeared said instrument to be his (her) free act and deed this	day of	And acknowledged this . 2000.	
•		Notary Public	
_	My Commissio	n Expires:	

PATENT REEL: 014024 FRAME: 0722

RECORDED: 04/30/2003