

**PATENT ASSIGNMENT**

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<b>NATURE OF CONVEYANCE:</b>		ASSIGNMENT
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
Chih-Hsu Yen		09/19/2007
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	Industrial Technology Research Institute	
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<b>Internal Address:</b>	Chutung	
<b>City:</b>	Hsinchu	
<b>State/Country:</b>	TAIWAN	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
Application Number:	11858906	
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### ASSIGNMENT

WHEREAS, I/we, CHIH-HSU YEN, whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful improvements in LOW-LATENCY METHOD AND APPARATUS OF GHASH OPERATION FOR AUTHENTICATED ENCRYPTION GALOIS COUNTER MODE (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. \_\_\_\_\_;
- filed as PCT International Application No. \_\_\_\_\_ on \_\_\_\_\_, designating The United States of America;
- Patent number \_\_\_\_\_, issue on \_\_\_\_\_.

WHEREAS, Industrial Technology Research Institute whose post office address is No. 195, Sec. 4, Chung Hsing Road, Chutung, Hsinchu, Taiwan hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

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 Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's 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's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Director of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof, and for the use and behoof of ASSIGNEE's 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: **CHIH-HSU YEN**  
No. 38, Lane 10, Sec. 4,  
Cheng-Te Road, Shih-Lin Dist.,  
Taipei City, Taiwan

Dated this 19th day of Sep., 2007 at Taiwan

Chih Hsu Yen

Signature

Assignor:

Dated this \_\_\_\_\_ day of \_\_\_\_\_ at \_\_\_\_\_

Signature

Assignor:

Dated this \_\_\_\_\_ day of \_\_\_\_\_ at \_\_\_\_\_

Signature