U.S. DEPARTMENT OF COMMERCE

	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
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To the Honorable Commissioner of Patents and Trademark	s: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): Stuart A. Golden Jong-Kae Fwu	2. Name and address of receiving party(ies) Name: INTEL CORPORATION Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes V		
Nature of conveyance:	71	
✓ Assignment Merger		
Security Agreement Change of Name	Street Address: 2200 Mission College Blvd.	
Other		
6/22/2004	City: Santa Clara State: CA Zip: 95052	
Execution Date:	Additional name(s) & address(es) attached? Yes 🗸 No	
4. Application number(s) or patent number(s): If this document is being filed together with a new ap A. Patent Application No.(s)	blication, the execution date of the application is: 6/22/2004 B. Patent No.(s)	
Additional numbers attached? Yes V No		
Name and address of party to whom correspondence concerning document should be mailed:		
Name: Intel Corporation	7. Total fee (37 CFR 3.41)\$	
M/S SC4-202	Enclosed	
	Authorized to be charged to deposit account	
Street Address:_PO Box 5326	8. Deposit account number: 50-0221 - Intel Corporation	
City: Santa Clara State: CA Zip: 95056-5326	-	
DO NOT USE THIS SPACE		
9. Signature.		
Lanny L. Parker, Reg. No. 44,281 Name of Person Signing Total number of pages including ∞	June 23, 2004 Signature Date over sheet, attachments, and documents:	

Mail documents to be recorded with required cover sheet information to:

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Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

REEL: 015525 FRAME: 0373

Attorney Docket #: P18375

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Stuart A. Golden; Jong-Kae Fwu

hereby sell, assign, and transfer to:

Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95052 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent entitled:

EFFECTIVE TIME-OF-ARRIVAL ESTIMATION ALGORITHM FOR MULTIPATH ENVIRONMENT

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

ILT/PPG forms Page 1 of 2 P18375_Assignment_LL1/

PATENT REEL: 015525 FRAME: 0374

Sturet a Lolde		signed the accompanying "Declaration and Power of Attorney": 6/22/04
Stuart A. Golden	(Today's Date)	(Date of Declaration)
Jong-Kae Fwu	6/22/04 (Today's Date)	6/22/04 (Date of Declaration)
	(Today's Date)	(Date of Declaration)

(Today's Date)

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RECORDED: 06/23/2004

Note to each inventor: On the line below, please enter the date on which you

(Date of Declaration)