MAY-06-2003 11:34 f FORM PTO-1595 1-31-92	05-13-2	U.S. DEPARTMENT OF COMMERCE	
	1024460	95 Attorney Docket No. 10020754-1	
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Gerald L. Esch, Jr.		AGILENT TECHNOLOGIES, INC. Legal Department, DL429	
Richard S. Rodgers		Intellectual Property Administration	
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3. Nature of Conveyance:		·	
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Security Agreement	Other	·	
Execution Date(s): February 14, 2003			
4. Application number(s) or patent numb	er(s);		
If this document is being filed together with a new application, execution date of the application is:			
A. Patent Application No.(s)		B, Patent No.(s)	
Serial No.: 10/355,775 Date Filed: 01/3	31/2003		
Additional numbers attached? NO			
5. Name and address of party to whom o		6. Total number of applications and patents involved: 1	
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Legal Department, DL429

P. O. Box 7599

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P.02/03

PATENT APPLICATION

ATTORNEY DOCKET NO. 10020754-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to AGILENT TECHNOLOGIES, INC., a Delaware corporation having its principal place of business in Palo Alto, California, (hereinafter AGILENT), in furtherance of my/our obligations to AGILENT, and do hereby assign and transfer to AGILENT, its successors and assigns, the entire right, title and interest, including the right of priority, in,

to and under an application for Letters Patent of the	United States entitled:
Integrated Circuit Routing Resource Optimization Alg	porithm For Random Port Ordering
Filing date: 01-31-2003	Serial No.: 10/355,775
continuations-in-part (C-I-P's), divisionals, and rene Letters Patent, and any and all Letters Patent of the	forth therein, and any and all continuations, wals of and substitutes for said application for said United States and of countries foreign thereto which ues, or reexaminations, or extensions of said Letters
country, to be held and enjoyed by AGILENT, its su to the full end of the term or terms for which said	pplications in my/our name for Letters Patent in any ccessors, assigns, nominees or legal representatives, Letters Patent respectively may be granted, reissued ould have been held and enjoyed by me/us had this
that I/we have not executed and will not execute a covenant and agree that I/we will, each time a requestive all such papers as may be necessary or a improvement(s), said application and said Letters Pa or legal representatives, and I/we agree to communerspecting said invention(s) or improvement(s), said legal proceedings, to sign all lawful papers, to ex C-I-P's, reissue and foreign applications, to make all everything possible to aid AGILENT, its successor obtain and enforce, for its or their own benefit.	ght to convey the entire interest herein assigned, and any agreement in conflict herewith, and I/we further uest is made, and without undue delay, execute and desirable to perfect the title to said invention(s) or atent, to AGILENT, its successors, assigns, nominees icate to AGILENT, or to its nominee, all known facts application and said Letters Patent, to testify in any secute all disclaimers and divisionals, continuations, if rightful oaths and declarations, and generally to do its, assigns, nominees and legal representatives to proper patent protection for said invention(s) or the expenses which may be incurred by me/us in AGILENT;
States and any official of any country or countries to patents on applications as aforesaid, to issue to interest, any and all Letters Patent for said invention	mmissioner of Patents and Trademarks of the United foreign to the United States whose duty it is to issue AGILENT, as assignee of the entire right, title and n(s) or improvement(s), including any and all Letters d and granted on or as a result of the application imment.
I/we further authorize and direct AGILENT attorn application now identified by the attorney docket no shall have been made known to them by the United	eys to insert the serial number and filing date of said umber and title set forth above as soon as the same States Patent and Trademark Office.
IN WITNESS WHEREOF, I/we hereunto set my/o	our hand(s) and seal(s):
Municipal Determination (Seal)	Assignment Signed: 2/14/03
,,	Date Application Signed: 2/14/03
nventor's Typed Name: Gerald L Esch. Jr.	Date Application Signed: 4/17/05

Rev 10/02 (Assign)

(Usa Page Two For Additional Inventor(s) Signature(s))

PATENTAPO 1 of 2

REEL: 014047 FRAME: 0649

AGILENT TECHNOLOGIES, INC.

Loveland, Colorado 80537-0599

Intellectual Property Administration

Legal Department, DL429

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IN WITNESS WHEREOF, I we hereunto set my/our hand(s) and seal(s):

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P.03/03

PATENT APPLICATION

ATTORNEY DOCKET NO. 10020754-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

rand S. Rodgers Date Assignment Signed: 2/14/03 Inventor's Typed Name: Richard S. Rodgers Date Application Signed: 21403 _____ Date Assignment Signed: Inventor's Signature (Seal) Date Application Signed: Inventor's Typed Name: ______Date Assignment Signed:______ Inventor's Signature (Seal) Date Application Signed: Inventor's Typed Name: _____ Date Assignment Signed:___ Inventor's Signature (Seal) Date Application Signed: Inventor's Typed Name: Date Assignment Signed:____ Inventor's Signature (Seal) Inventor's Typed Name: _____ Date Application Signed: _____ Date Assignment Signed:______ Inventor's Signature (Seal) Date Application Signed: inventor's Typed Name: _____ Date Assignment Signed:____ Inventor's Signature (Seal)

Date Application Signed:

Date Assignment Signed:

(Use Page Three For Additional Inventor(a) Signature(s))

Inventor's Typed Name: Date Application Signed:

Page 2 of 2

PATENT TOTAL P.03

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Inventor's Typed Name:

Inventor's Signature (Seal)