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Submission Type  New		Conveyance  Assignment			
Resubmission (Non-Recordation)	1-22-0	Change of			
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Correction of PTO Error		Merger			
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Conveying Party(ies)		Aark if additional n	names are attached	,	
NAME			EXECUTION DATE	E	
			Month, Day, Year (MMDD)	YYYY)	
1. Arthur J. Neufeld			November 6, 2001		
2. Ehren J.D. Van Melle			November 5, 2001		
3. Eric Handojo			November 29, 2001		
Receiving Party		Mark if additional i	names are attached		
Name: QUALCOMM Incorporated					
A Delaware Corporation					
Address (Street number and name					
Address (City, State, Zip Code):	San Diego, Californ	nia, 92121-1714			
Correspondent Name and Address			Talankan Namakan (050) (51 1170		
Name: QUALCOMM Incorporat			<b>Telephone Number:</b> (858) 651-1179 <b>Facsimile:</b> (858) 658-2502		
Attn: Sarah Kirkpatrick, N	Manager, Intellectual Prop	berty Administration	racsimile: (838) 038-2302		
Address: 5775 Morehouse Drive	21 1714				
Address: San Diego, California 921  Pages (Enter the total number of page)	vas of the attached con-	vevance document	including any attachments)		
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Signature:		Date.	. December 6, 2001		
Name: George C. Pappas	F				
Registration No. 35,06	5		_		
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(TRANSASSIGN.VER1.6-9/25/2000)

**REEL: 012604 FRAME: 0920** 

Docket No. 000468 Page 1 of 4

ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which

is hereby acknowledged, be it known that I,

1. Arthur J. Neufeld, a citizen of Canada, having a place of residence at 12161

Middlebrook Square, San Diego, Ca 92128;

2. Ehren J.D. Van Melle, a citizen of Canada, having a place of residence at 9413 Compass

Point Drive South, San Diego, Ca 92126; and

3. Eric Handojo, a citizen of USA, having a place of residence at 5128 Frost Ave...

Carlsbad, CA 92008;

have sold, assigned and transferred and by these presents do sell, assign, transfer and set over

unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775

Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or

assigns, the entire right, title and interest in and to a certain invention relating to a METHOD

AND APPARATUS FOR GENERATING PN SEQUENCES AT ARBITRARY PHASES

by me co-devised and the application for United States Patent therefor filed in the United States

Patent and Trademark Office on July 31, 2001, and assigned Serial No. 09/919,685, and all

original and reissue patents granted thereof, and all divisions, and continuations thereof,

including the subject matter of any and all claims which may be obtained in every such patent,

and all foreign rights to said invention, and covenant that I have full right to do so, and agree that

I will communicate to said corporation or its representatives all facts known to me respecting

said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers,

make all rightful oaths and generally do everything possible to aid said corporation, its

PATENT

REEL: 012604 FRAME: 0921

**PATENT** Docket No. 000468 Page 2 of 4

## **ASSIGNMENT**

successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 6th day of Worther, 2001.

**PATENT** REEL: 012604 FRAME: 0922

## **ASSIGNMENT**

Done at San Diego, California this 5th day of Northe, 2001.

Ehren J.D. Van Melle

PATENT REEL: 012604 FRAME: 0923

## **ASSIGNMENT**

	Eric Handojo
	Eric Handin
Done at San Diego, California this <u>2</u> 4 day	y of <u>Movember</u> , 2001.

**RECORDED: 01/22/2002** 

PATENT REEL: 012604 FRAME: 0924