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## ASSIGNMENT

## TO WHOM IT MAY CONCERN:

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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 we GREGORY G. ROSE, a citizen of Australia having a place of residence at 6 Kingston Avenue, Mortlake, NSW 2137, AUSTRALIA, and PHILIP HAWKES, a citizen of Australia having a place of residence at 2/6-8 Belmore Street, Burwood, NSW 2134 AUSTRALIA, have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto OUALCOMM 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 whole right, title and interest in and to a certain invention relating to a METHOD OF AUTHENTICATING ANONYMOUS USERS WHILE REDUCING POTENTIAL FOR "MIDDLEMAN" FRAUD by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on December 21, 1999, and assigned Serial No. 09/468,557, 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 we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to us 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 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.

PATENT REEL: 010651 FRAME: 0858

Done at San	Diego, California th	is 8th day of February, 2000.
		GREGORY G. ROSE
STATE OF CALIFO	) ss.	
in and for said Stat	e, personally appear	before me, the undersigned, a Notary Public red GREGORY G. ROSE, personally known to
		atisfactory evidence to be the person whose rument and acknowledged that he executed
same.	to the within mst.	rument and acknowledged that he executed
		Kayla R De
Z ( Z	KAYLA R. SEGNIOUS Commission # 1207377 otary Public - California San Diego County Comm. Expires Jan 9, 2003	Notary Public
Done at Bur	wood, NSW 2134, A	ustralia this 12 day of January, 2000.
		PHILIP HAWKES

PATENT REEL: 010651 FRAME: 0859

RECQRDED: 02/28/2000

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