FORM PTO-159 (Rev. 6-93) OMB No. 0651-00	1	I 06-16-1998		? SHEET			NT OF COMME nd Trademark (	
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	Honorable Commissioner	10073847	77	attached origin	nal documents or	copy the	ereot.	
Thomas Stephe Michae	f conveying party(ies):  M. Chen n S. Liu l J. Procanik ne(s) of conveying party(ies) al	itached? □ Yes SaNo	Name:	al Address:	atories Inc	orpor	ated	
				MS 31			39.c	
3. Nature o	of conveyance: gnment	☐ Merger	Street	Address: 40 S	Sylvan Road	≥		
	urity Agreement	☐ Change of Name		Waltham	State: MA	· Z	P: <sup>0225</sup>	
	f5/29/98 and Date:	6/2/98		al name(s) & addre				
• •	tion number(s) or patent i		on, the execut	ion date of the a	application is:	,	,	
If this d		gether with a new application	B. Pa	itent No.(s)	application is: _	,	,	
If this d  A. Pate	locument is being filed together togeth	gether with a new application Additional numbers a norm correspondence	B. Pa	itent No.(s)		6/2	/98	
A. Pate 5. Name a	ent Application No.(s)  O9/092605  and address of party to whing document should be Leonard C. Suchy	Additional numbers a mailed:	B. Pa	atent No.(s) s 회 No number of applic	ations and pater	6/2,	ved: 1	
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## ASSIGNMENT

For good and valuable consideration which we hereby acknowledge, we,

Thomas M. Chen Stephen S. Liu Michael J. Procanik

residing at

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sell and assign to *GTE LABORATORIES INCORPORATED*, a Delaware corporation, its successors and assigns, our invention in

## METHOD AND SYSTEM FOR MONITORING BROADBAND QUALITY OF SERVICES

and the application for United States Patent therefor executed concurrently herewith, and all Patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents to issue all Patents on said invention or resulting therefrom to said Company as assignee of the entire interest, and covenant that we have full right so to do and agree that we will communicate to said Company or its representatives any facts known to us respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said invention, in the United States and all foreign countries.

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PATENT REEL: 9232 FRAME: 0903 Attorney's Docket No: 97-816

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