FROM: TSI LEGAL (813)273-3430

PATENT REEL: 012735 FRAME: 0065

Mar. 14 2002 04:18PM

PATENTS

Patent or Application	
<u>Number</u>	<u>Title</u>
Patent 5,822,410	Churn Amelioration System and Method Therefor
Patent 6,049,599	Churn Amelioration System and Method Therefor
Patent 5,497,412	Enhanced Call Delivery System for Roaming Cellular Subscribers
Patent 4,901,340	System for the Extended Provision for Cellular Mobile Radiotelephone Service
Appln. 09/512,803	International Signaling Gateway
Appln. 09/330,119	International Temporary Local Directory Number (TLDN) Translator
Appln. 09/026,903	Method and System for Authorization, Routing and Delivery of Transmissions

03/28/01 12:20

State of Delaware Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HERREY CERTIFY THE ATTACHED IS A TRUE AND CORSECT COPY OF THE CERTIFICATE OF AMENDMENT OF "GTE TELECOMMUNICATION SERVICES INCORPORATED", CHANGING ITS MAKE FROM "GTE TELECOMMUNICATION SERVICES INCORPORATED" TO "TSI TELECOMMUNICATION SERVICES INC.", FILED IN TRIS OFFICE ON THE TWENTY-FIRST DAY OF NOVEMBER, A.D. 2000, AT 1:30 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS SEEN FORWARDED TO THE MRW CASTLE COUNTY RECORDER OF DEEDS.

2187578 8100 001585429

RECORDED: 03/14/2002

Edward J. Freel, Secretary of State
AUXEUNZICATION: 0807746

DATE: 11-21-00

PATENT REEL: 012735 FRAME: 0067