



**ASSIGNMENT  
NORTHERN TELECOM LIMITED**

For value received, I (we) the undersigned, whose full post office address(es) is (are) adjacent my (our) name(s), hereby sell, assign and transfer to:

whose full post office address is: **NORTHERN TELECOM LIMITED**  
P.O Box 6123, Station A, Montreal,  
Quebec, Canada H3C 3J5


its successors, assigns and legal representatives, the entire right, title and interest, including priority rights, for all countries, in and to certain inventions relating to:

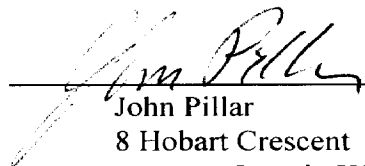
**SCHEDULER IMPLEMENTING WEIGHTED FAIR QUEUING BY A WEIGHT LIMITED FIRST IN-FIRST OUT METHODOLOGY**


set forth in an application for letters patent of **the UNITED STATES OF AMERICA**

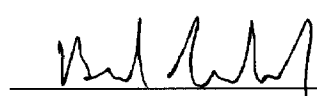
executed concurrently herewith,


and all rights and privileges under any and all letters patent that may be granted for said inventions.

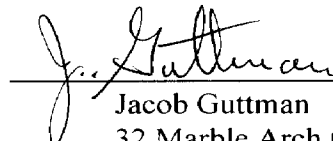
  
Witness Signature  
PIERRE DUGAS  
Witness Name (print)

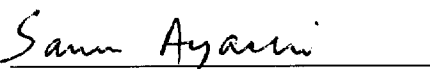
  
Date April 20, 1999  
Assignor  
John Pillar  
8 Hobart Crescent  
Nepean, Ontario K2H 5S4  
Canada

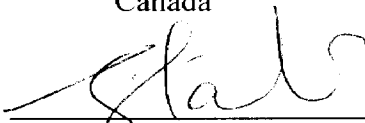
  
Witness Signature  
PIERRE DUGAS  
Witness Name (print)

  
Date APR 20, 1999  
Assignor  
Bernard Marchand  
16 Rue Lavergne  
Cantley, QC J8V 3P4  
Canada

  
Witness Signature  
MARK SCHELLHORN  
Witness Name (print)

  
Date April 20, 1999  
Assignor  
Jacob Guttman  
32 Marble Arch Crescent  
Nepean, Ontario K2G 5S3  
Canada

  
Witness Signature  
SAMIR AYACHI  
Witness Name (print)

  
Date April 20, 1999  
Assignor  
Sitaram Patro  
710-230 Woodridge Crescent  
Nepean, Ontario K2B 8G2  
Canada

Additional Assignors on attached Page 2  
Form NTP (03/95)  
FAWPDATA\NTL\1887\ASSIGN.NTL