

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENCE
CONVEYING PARTY DATA	
Name	Execution Date
Massachusetts Institute of Technology	06/18/1999
RECEIVING PARTY DATA	
Name:	National Science Foundation
Street Address:	4201 Wilson Blvd.
Internal Address:	rm 1265
City:	Arlington
State/Country:	VIRGINIA
Postal Code:	22230
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	09049429
Application Number:	09049814
CORRESPONDENCE DATA	
Fax Number:	(703)292-9041
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	703-292-8060
Email:	sbattle@nsf.gov
Correspondent Name:	Robin C. Fritsch
Address Line 1:	4201 Wilson Blvd.
Address Line 2:	rm 1265
Address Line 4:	Arlington, VIRGINIA 22230
NAME OF SUBMITTER:	R. Fritsch
Total Attachments: 2 source=Conf_lic58016#page1.tif source=Conf_lic58017#page1.tif	

500364630

PATENT
REEL: 019896 FRAME: 0874

LICENSE TO THE UNITED STATES GOVERNMENT

WHEREAS, Kai-Yeung S. Siu has invented "Virtual Queuing Techniques For UBR Plus Service in ATM" and filed a patent application thereon in the United States, entitled "Network Switching System Supporting Guaranteed Data Rates" and bearing Serial Number 09/049,429 and filing date March 27, 1998; and

WHEREAS, invention was made in the course of research supported by the National Science Foundation under N.S.F. Grant Number MIP-9357553; and

WHEREAS, the United States Government is entitled to certain rights in and to said invention and application by reason of the terms relating to such support; and

WHEREAS, the Massachusetts Institute of Technology, hereinafter called the "Licensor" has acquired by assignment from the inventors the entire right, title and interest of the inventors to such invention;

NOW, THEREFORE:

1. The Licensor, in consideration of the premised and other good and valuable consideration, hereby grants and conveys to the United States Government a non-exclusive, non-transferable, paid-up license to make, use and sell the invention throughout the world by or on behalf of the Government of the United States and states and domestic municipal governments under the aforesaid patent application and any and all divisions or continuations, and in any and all patents or reissues which may be granted thereon during the full term or terms thereof.

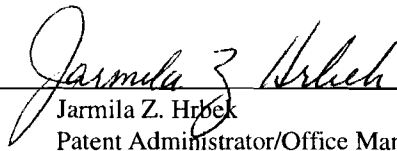
2. The Licensor covenants and warrants that he has the right to grant the foregoing license, and that any assignment or license which he may make of the invention or the said patent application or patents thereon, shall expressly be made subject to this license.

3. The Licensor agrees that the Government shall not be estopped at any time to contest the enforceability, validity, scope of or title to any patent or patent application herein licensed.

4. This License shall not limit the rights reserved to the Government under the contract(s), grant(s), or other arrangement(s) under which said invention was made.

Signed this 18 day of June, 1999 .

MASSACHUSETTS INSTITUTE OF TECHNOLOGY


Jarmila Z. Hrbek
Patent Administrator/Office Manager

Accepted for the benefit of the Government this _____

Patent Paralegal
NATIONAL SCIENCE FOUNDATION

LICENSE TO THE UNITED STATES GOVERNMENT

WHEREAS, Kai-Yeung S. Siu has invented "An Acknowledgement Bucket Scheme For Regulating TCP Flow Over ATM" and filed a patent application thereon in the United States, entitled "Method for Regulating TCP Flow Over Heterogeneous Networks" and bearing Serial Number 09/049,814 and filing date March 27, 1998; and

WHEREAS, invention was made in the course of research supported by the National Science Foundation under N.S.F. Grant Number MIP-9357553; and

WHEREAS, the United States Government is entitled to certain rights in and to said invention and application by reason of the terms relating to such support; and

WHEREAS, the Massachusetts Institute of Technology, hereinafter called the "Licensor" has acquired by assignment from the inventors the entire right, title and interest of the inventors to such invention;

NOW, THEREFORE:

1. The Licensor, in consideration of the premised and other good and valuable consideration, hereby grants and conveys to the United States Government a non-exclusive, non-transferable, paid-up license to make, use and sell the invention throughout the world by or on behalf of the Government of the United States and states and domestic municipal governments under the aforesaid patent application and any and all divisions or continuations, and in any and all patents or reissues which may be granted thereon during the full term or terms thereof.

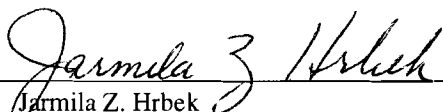
2. The Licensor covenants and warrants that he has the right to grant the foregoing license, and that any assignment or license which he may make of the invention or the said patent application or patents thereon, shall expressly be make subject to this license.

3. The Licensor agrees that the Government shall not be estopped at any time to contest the enforceability, validity, scope of or title to any patent or patent application herein licensed.

4. This License shall not limit the rights reserved to the Government under the contract(s), grant(s), or other arrangement(s) under which said invention was made.

Signed this 18 day of June, 1999 .

MASSACHUSETTS INSTITUTE OF TECHNOLOGY



Jarmila Z. Hrbek
Patent Administrator/Office Manager

Accepted for the benefit of the Government this _____

Patent Paralegal
NATIONAL SCIENCE FOUNDATION