PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kazuhiko NAGATA	07/25/2005
Taisuke OKA	07/25/2005
Ryoichi SUZUKI	07/25/2005
Takashi IKEGAWA	07/25/2005
Hiroyuki ICHIKAWA	07/25/2005
Tadashi ISHIKAWA	07/25/2005

RECEIVING PARTY DATA

Name:	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	
Street Address:	3-1, Otemachi 2-chome, Chiyoda-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	100-8116	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10544483

CORRESPONDENCE DATA

Fax Number: (703)413-2220

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (703) 413-3000 Email: cxiong@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	290826US40PCT
NAME OF SUBMITTER:	Chai Xiong

REEL: 019383 FRAME: 0826

500290057

PATENT

Total Attachments: 2 source=276445usAssignment#page1.tif source=276445usAssignment#page2.tif

PATENT REEL: 019383 FRAME: 0827

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE)	(1) Kazuhiko NAGATA, (2) Taisuke OKA, (3) Ryoichi SUZUKI,	
NSERT NAMES IND RESIDENCE		(4) Takashi IKEGAWA, (5) Hiroyuki ICHIKAWA and	
DDRESS OF THE INVENTORS:		(6) Tadashi ISHIKAWA,	
		residing at (1) Tokorozawa-shi, Saitama Japan,	***************************************
		(2) Toyonaka-shi, Osaka Japan, (3) Kodaira-shi, Tokyo Japan,	
		(4) Shibuya-ku, Tokyo Japan, (5) Hino-shi, Tokyo Japan and	
		(6) Chiba-shi, Chiba Japan	***************************************
		, 1	espectively,
NSERT TITLE OF INVENTION:	have invented certain n	ew and useful improvements in: FIREWALL APPARATUS	-
		-	
NSERT DATE IN- ENTORS SIGNED SCLARATION: NSERT NAME NO ADDRESS OF OMPANY OR THER ASSIGNEE	for which an applicatio	n for Letters Patent was executed on July 25, 2005	
	(Application No.	10/544,483 , filed August 4, 2005), and
		NIPPON TELEGRAPH AND TELEPHONE CORPORATION	
	(hereinafter referred to	as "ASSIGNEE") having a place of business at: 3-1, Otemachi 2-chome,	Name of the State
	Chiyoda-ku, Toky	o_100-8116 Japan	
	is desirous of acquiring	the entire right, title and interest in and to said invention and in and to any Letter	s Patent that

may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

03/03

PATENT REEL: 019383 FRAME: 0828 Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	July	25,	2005	Kazuhiko Nagata
Date: _	July	25,	2005	(Signature of Inventor) Kazuhiko NAGATA Jaisuka Oka (Signature of Inventor) Taisuke OKA
Date: _	July	25,	2005	(Signature of Inventor) Ryoichi SUZUKI
Date: _	July	25,	2005	Johnshi Ingana (Signature of Inventor) Takashi IKEGAWA
Date: _	July	25,	2005	(Signature of Inventor) Hiroyuki ICHIKAWA
Date: _	July	25,	2005	Tadashi Ishikawa (Signature of Inventor) Tadashi ISHTKAWA

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

03/03

RECORDED: 06/05/2007

PATENT REEL: 019383 FRAME: 0829