	12-02-2003 U.S. DEPARTMENT OF COMMERCE
©2001	DRM PTO-1595 R 1. Staas & Halsey LLP The Honorable Commissioner of Patents & 102612258 attached original documents or copy thereof.
NATIONAL OFFICE LAND	Name of conveying party(ies): Lusheng JI Jonathan AGRE Arunesh MISHRA Sohil THAKKAR
2.	Name and Address of receiving party(ies):
	FUJITSU LIMITED 1-1, Kamikodanaka, 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 Japan
3.	Nature of conveyance: X Assignment
4.	Application number(s) or patent number(s): This document is being filed together with a new application: (a) The execution date(s) of the application is/are: (b) The title is: METHODS AND APPARATUS FOR SECURE, PORTABLE, WIRELESS AND MULTI-HOP DATA NETWORKING OR This document is being filed after filing of the application: (a) Patent Application No(s). 10/463,857, filed June 18, 2003; or (b) Patent No(s)., issued.
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1634.1008 Attention: Gene M. Garner II 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005
6.	Total number of applications and patents involved:1
7.	Total fee (37 CFR 3.41) (\$ 40.00 per Patent or Application in Assignment) Enclosed Authorized to be charged to deposit account.
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)

12/01/2003 GTOW11 01 FC:8021

40.00 DP

Gene M. Garner II, Reg. No. 34,172 Name of Person Signing

Signature

Total number of pages including cover sheet: 2

U.S. ASSIGNMENT

S&H 1/00

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))

> **FUJITSU LIMITED** 1-1, Kamikodanaka, 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588, JAPAN

RECORDED: 11/24/2003

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

METHODS AND APPARATUS FOR SECURE, PORTABLE, WIRELESS AND MULTI-HOP DATA **NETWORKING**

relating to International Patent Application PCT/JP executed on even date herewith or, if not so executed,		plication for Letters Patent of the United States was		
(a) executed on	; (Insert date of execution	on of application, if not concurrent)		
(b) filed on <u>June 18, 2003</u> , Serial No. <u>10/463,857</u> ;	N.W., Suite 700, Wash	Any registered attorney of STAAS & HALSEY ILP, 1201 New York Ave., N.W., Suite 700, Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.		
and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.				
IN WITNESS WHEREOF, the undersigned inventor (Typed Name & Signature of Inventor(s))	r(s) has (have) affixed his/her/their (Date)	signature(s). (Typed Name & Signature of Witness(es))		
1) Lusheng JI	11/13/03	laterie L. andres		
2) Jonathan AGRE	11/13/03	Valeried andres		
3) Auneh Michael Arunesh MISHRA	11/16/03	Valeried andres		
4) Sohil THAKKAR	11/13/03	Valerie I. Undres		

PATENT REEL: 014735 FRAME: 0840