VENABLE, BAETJER, HOWARD & CIVILETTI, LLP Including professional corporations

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1.

4.

06-29-2001

101764982

Attorney Docket: 32011-173213

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

BOX ASSIGNMENT

REQUEST FOR RECORDING AND COVER SHEET UNDER 37 C.F.R. §§ 3.28 AND 3.31

Please re	ecord the attached original document or copy	thereof:
1.	Name of parties conveying the interest:	06/20/01

Name of parties conveying the interest:

Masanori UMEDA

2. Name and address of party receiving the interest:

> Oki Electric Industry, Co., Ltd. 7-12, Toranomon 1-chome Minato-ku, Tokyo **JAPAN**

3.	Description of the interest conveyed or transaction to be recorded:

[X] Assignment [] Other: Application Number:

19/883986

- Address correspondence concerning this request to: VENABLE, Post Office Box 34385, Washington, D.C. 5. 20043-9998.
- Number of Applications, Patents or Registrations and total fee: 6.

Patents: 1 patent rights @ \$40 Total: \$40.00

If a greater or lesser fee is required, please charge or credit Deposit Account No. 22-0261 accordingly and notify the undersigned.

Date of execution of document: June 11, 2001 7.

> To the best of the knowledge and belief of the undersigned, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: June 20, 2001

ames R Burdett

Registration No. 31,594

JRB/lrh #295926

62/2001 MIRDONS. 000<mark>00036 09983986</mark>

PATENT

REEL: 011928 FRAME: 0856

Attorney Reference
ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT
WHEREAS Masanori UMEDA
hereinafter referred to collectively as the assignor, has invented a certain improvement relating to
COMMUNICATION NETWORK"
X] the inventor(s) declaration for said application being executed concurrently with the execution of this nstrument; said application to be filed in the United States Patent and Trademark Office;] said application having been filed in the United States Patent and Trademark Office on,authorization being hereby given to my attorneys, George H. Spencer, Robert J. Frank, Norman N. Kunitz, Gabor J. Kelemen, John W. Schneller, Marina V. Schneller, Robert Kinberg, Allen Wood, Ashley J. Wells, Richard D. Schmidt, James R. Burdett, Michael A. Gollin, Leo J. Jennings, Catherine M. Voorhees, Gary L. Shaffer, G. Abe Zachariah, Julie A. Petruzzelli, Catherine A. Ferguson, Michael A. Sartori, Fei-Fei Chao, Charles C. P. Rories and Jeffrey W. Gluck, of VENABLE, Post Office Box 34385, Washington, D.C. 20043-9998, to insert here in parentheses (Application Serial No.) he application serial number of said application when known;
] said application having been filed under the Patent Cooperation Treaty on
Serial No.), the United States of America being designated.
AND WHEREAS Oki Electric Industry Co., Ltd. of 7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan
hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged.

valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

	EXECUTED,	June 11	, 2001.		
WITNESS:	7. }	ASSIGNOR:			
Signature: _	Gosh	Yoshihan Jujumn Signature:	Masanori Vmeda		
	V	Name: <u>Masanori UMEDA</u>			

VENABLE

RECORDED: 06/20/2001

PATENT REEL: 011928 FRAME: 0857