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PATENT REEL: 013327 FRAME: 0599 平田特許事務所

U.S. ASSIGNMENT - (SOLE OR JOINT) OFCS FILE NO. LETTERS OR DESIGN PATENT APPLICATION EXECUTED OUTSIDE U.S.A.

P/1139-78

WHEREAS, I (We) Akihiko SATO of Minagi, Japan

as assignor(s), have invented certain improvements in

"DEVICE FOR CONVERTING SONET DATA INPUT INTO DS-N DATA OUTPUT"

for which an application for United States Patent has been executed by me (us) of even date herewith

NEC Corporation

7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be

granted therefor

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledge, I, as assignor, hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents is hereby authorized and requested to issue all patents on said invention or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said invention and all assignments thereof to said assignee or its assigns, to communicate to said assignce or its representatives all facts known to the undersigned respecting said invention, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid said assignce, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all countries, the expenses incident to said applications to be borne and paid by said assignee.

Dated: June 2, 1999

Akihiko 3ATO

Witness:

akira Takuda

PATENT REEL: 013327 FRAME: 0600

RECORDED: 09/25/2002