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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof		
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)	
Hideki AKASHIKA, Shinichi HIRATA, Nagaaki OHYAMA and Akio KOKUBU	Name: NIPPON TELEGRAPH AND TELEPHONE CORPORATION	
Additional name(s) of conveying parties attached? □ Yes ⊠ No	Internal Address: 3-1 Otemachi, 2-chome, Chiyoda-ku, Tokyo 100-8116, Japan	
3. Nature of conveyance:	Additional name(s) & address(es) attached? □ Yes ⊠ No	
Execution date: All on August 22, 2000		
4. Application numbers or patent numbers: If this document is being filed together with a new application	t, the execution date of the application is: All on August 22, 2000	
A. Patent Applications: To be assigned	B. Patent No.(s)	
A. Patent Applications: To be assigned  Additional Number		
Additional Numbers attached? □ Yes □ No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: Edward W. Greason Internal Address: KENYON & KENYON	7. Total fee (37 C.F.R. 3.41) \$ 40.00  □ Enclosed  ■ Authorized to be charged to deposit account	
Street Address: One Broadway City: New York State: New York ZIP: 10004	8. Deposit account number:  11-0600	
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Edward W. Greason, (Reg. No. 18,918) Name of Person Signing  Signature  Total Number of pages including cover sheet, attachments and document: 4		
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**PATENT REEL: 011134 FRAME: 0808** 

## **ASSIGNMENT**

WHEREAS, we, (1) Hideki Akashika, (2) Shinichi Hirata,		
(3) Nagaaki Ohyama and (4) Akio Kokubu		
, citizens		
of Japan, residing at(1) Koutou-ku, Tokyo-to, Japan,		
(2) Zushi-shi, Kanagawa-ken, Japan, (3) Kawasaki-shi, Kanagawa-ken,		
Japan and (4) Minato-ku, Tokyo-to, Japan		
respectively, have invented new and useful improvements in DATA STORING SYSTEM, ISSUING APPARATUS, DATA PROVIDING APPARATUS AND COMPUTER READABLE MEDIUM STORING DATA STORING PROGRAM		
for which we are about to make application for Letters Patent of		
the United States, said application having been executed by us		
on even date herewith; and		
WHEREAS, NIPPON TELEGRAPH AND TELEPHONE CORPORATION		
a Company of Japan, having its place of business at		
3-1 Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116, Japan		
(hereinafter referred to as the Assignee), is desirous of		
acquiring the entire right, title and interest in and to the		
application and the invention therein described and claimed and		
any Letters Patent that may be issued upon the application or		
for the improvements therein contained.		

NOW, THEREFORE, for and in consideration of the equivalent sum of One Dollar (\$1.00) to us in hand paid, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned and transferred, and do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the application and the invention therein contained, including the right to apply for any Letters Patent in the United States of America on the invention, any Letters Patent that may issue thereon or therefor, in the United States, and all reissues, extensions, renewals, divisions and continuations thereof, to the full end of the term or terms for which the Letters Patent may be issued,

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PATENT REEL: 011134 FRAME: 0809 the same to be held and enjoyed by the Assignee, its successors and assigns, the same as it would have been held and enjoyed by me if this Assignment and sale had not been made.

And I hereby authorize and request the Commissioner of Patents to issue all such Letters Patent to the Assignee, its successors and assigns, in accordance with this instrument of Assignment.

I hereby represent and warrant that there are no rights and interests outstanding inconsistent with the rights and interests granted herein and that I will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and I bind myself, my heirs, executors, administrators and legal representatives, as the case may be, to execute and deliver to the Assignee, its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the Assignee, its successors and assigns, to vest in the Assignee, its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States.

And I further covenant and agree, in consideration of the premises that I, my executors and administrators, will at any time upon request communicate to the Assignee, its successors and assigns, any facts relating to the invention and improvements and the history thereof, known to me or my executors and administrators, and that I will testify as to the same in any interference or other litigation when requested so to do by the Assignee, its successors and assigns.

Page 2 of 3

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seal this 22nd day of August , 200	0
	Hideki Akashika
•	(Name of Inventor)
IN TESTIMONY WHEREOF, I ha	Hideki Akashika Ave hereunto set my hand and
seal this 22nd day of August , 20	00
	Shinishi Hinata
- -	(Name of Inventor)
IN TESTIMONY WHEREOF, I ha	Shinichi Hirata ave hereunto set my hand and
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	Nagarki Ohrjans
	(Name of Inventor)
IN TESTIMONY WHEREOF, I ha	Nagaaki Ohyama ve hereunto set my hand and
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