Form PTO-1595 NPD OILIZOI To the Honorable Commissioner of	01 - 31 - 2001)VER SH ILY ase record the attached	Docket No	
1. Name of conveying party(ies): Nobuo MUROFUSHI	2. N Tos 1-1	lame and address of red shiba Tec Kabu L, Kanda Nishi xyo, 101-8442,	seiving party(ies): shiki Kaisha ki-cho, Chiyo	59896
3. Nature of conveyance: - ASSIG Execution Date(s): <u>Jan. 5, 20</u>	01,			
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A. Patent Application No.	(s)	, B. Patent No.(s)		, respectively.
73072001 DBYRNE 00000311 09759896 F0:561 74 0 5. Name and address of party to 7 FRISHAUF, HOI	whom correspondence concer LTZ, GOODMAN, LANGER	B. Patent No.(s) ning document should b		, respectively.
730/2001 DBYRKE 00000311 09759896 FL:501 70 0 5. Name and address of party to 7 FRISHAUF, HOL 767 Third Aven New York, New 6. Total number of applications and p	whom correspondence concern LTZ, GOODMAN, LANGER ue, 25th Floor York 10017-2023 atents involved: <u>one</u>	 B. Patent No.(s) ning document should b & CHICK, P.C. 7. Total fee (37 CFF [] Amount included [X] Check enclosed. 	e mailed: 3.41): \$ <u>40.00</u> with filing fee attached	 hereto.
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PATENT REEL: 011465 FRAME: 0573

ASSIGNMENT

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

ELECTRONIC SHELF LABEL SYSTEM

said application having been filed on and assigned Application No. sell and assign to Toshiba Tec Kabushiki Kaisha a corporation of Japan, having a business address at 1-1, Kanda Nishiki-cho, Chiyoda-ku, Tokyo, 101-8442 Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

imes executed concurrently herewith:

executed separately herefrom;

and in and to all applications for palent and patents for said invention. in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications: and I authorize and request any official whose duty is to issue patents. to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invension in all countries.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Frishauf, Holtz, Goodman, Langer & Chick, P.C., 767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023

> PATENT REEL: 011465 FRAME: 0574

Inventor: (Signature)	Date	Residence and post office address
Robio Murchushi	January 5, 2001	2016-109. Chabatake, Susono-shi, Shizuoka-ken, Japan
Nobuo Murofushi		

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