10-18-2001

BIO FORM PTO 1595 (1/31/92) Patient and Trademark Office RECORDATION FORM COVER SHEET PATENTS ONLY To the Honorable Commissioner of Patents and Trademark Office (1) Tetsuya ONSHIMA (2) Hiroki KANEKO (3) Kazutaka TSUJI (4) Akira ARIMOTO (5) Osamu EBINA (6) Masahiko YATSU (Additional names of conveying parties attached Security Agreement Security Agreement Security Agreement Change of Name Other: Execution Dates: (1)(2)(3) August 28, 2001, (4) September 7, 2001, (5)(6) August 30, 2001 4. (a) Patent Application Number(s): 09/942,724 If this document is being filed together with a new application, the execution dates of the application are: Additional Numbers Attached. 5. Name and Addiress of Party to whom Correspondence Concerning this Document Should be Mailed: Name: Stanley P. Fisher Address: Reed Smith Hazel Thomas LLP 3110 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042 BO NOT USE THIS SPACE 9. Statement and Signature:	Itent and Trademark Office ECORDATION FORM COVER SHEET ATENTS ONLY	101876681 Nitt.0032	
Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed: Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed: Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed: Name Stanley P. Fisher Total Number of Applications and Patents Involved: 1	ATENTS ONLY (C)	Nitt.0032	
To the Honorable Commissioner of Patents and Trademble Commissioner of Patents and Trademble Commissioner of Patents and Trademble Conveying Party(ies): 1. Name of Conveying Party(ies): (1) Tetsuya OHSHIMA (2) Hiroki KANEKO (3) Kazutaka TSUJI (4) Akira ARIMOTO (5) Osamu EBINA (6) Masahiko YATSU (Additional names of conveying parties attached 3. Nature of Conveyance: 2. Name and Address of Receiving Party(ies): Name: Hitachi, Ltd. Internal Address: (Additional names of conveying parties attached 3. Nature of Conveyance: 2. Name and Address: Name: Hitachi, Ltd. Internal Address: (Additional names of conveying parties attached 3. Nature of Conveyance: 2. Name and Address of Receiving Party(ies): Name: Hitachi, Ltd. Internal Address: (City, State, Zip: Chiyoda-ku, Tokyo, Japan 4. (n) Patent Application Number(s): (Additional Numbers (2) (2) (3) August 28, 2001, (4) September 7, 2001, (5)(6) August 30, 2001 4. (n) Patent Application Number(s): (Additional Numbers Attached. 5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed: Name: Stanley P. Fisher (Address: Reed Snith Hazel Thomas LLP 3110 Farrytew Park Dr. Suite 1400 Falls Church, Va. 22042 8. Deposit Account Number-08-1480 ATIANDOPHAMBIC-VEY OF THIS FACE PAYNSOLIVE PERSIT ACCUSATION. DO NOT USE THIS SPACE 9. Statement and Signature:			
1. Name of Conveying Party(ies): (1) Tetsuya OHSHIMA (2) Hiroki KANEKO (3) Kazutaka TSUJI (4) Akira ARIMOTO (5) Osamu EBINA (6) Masahiko YATSU Additional names of conveying parties attached 3. Nature of Conveyance: \$\frac{2}{3} \text{ Assignment} \qup \text{ Merger} \text{ Change of Name} \text{ Chyoda-ku, Tokyo, Japan} Other: Executive Dates: (1)(2)(3) August 28, 2001, (4) September 7, 2001, (5)(6) August 30, 2001 4. (a) Patent Application Number(s): \[\text{ O9/942,724} \] If this document is being filed together with a new application, the execution dates of the application are: \[\text{ Additional Numbers Attached.} \] 5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed: Name: Stanley P. Fisher Address: Reed Smith Hazel Thomas LLP 3110 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042 Be Inclosed. Authorized to be charged to deposit account. 8. Deposit Account Number:08-1480 Attached. DO NOT USE THIS SPACE 9. Statement and Signature:	o the Honorable Commissioner of Patents and Trademarks These reco		
Name: Stanley P. Fisher Stanley P. Fisher		rd the attached original documents or copy thereof.	
Name: Hitachi, Ltd.	• • • • • • • • • • • • • • • • • • • •	2. Name and Address of Receiving Party(ies):	
Additional names of conveying parties attached 3. Nature of Conveyance: 8 Assignment	· · · · · · · · · · · · · · · · · · ·	Name: Hitachi, Ltd.	
3. Nature of Conveyance: A ssignment		Internal Address:	
3. Nature of Conveyance: A ssignment	10/11/81		
Additional Numbers Attached. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed: Name: Stanley P. Fisher Statement and Signature: Stat			
Security Agreement Change of Name Other: Execution Dates: (1)(2)(3) August 28, 2001, (4) September 7, 2001, (5)(6) August 30, 2001			
City, State, Zip: Chyoda-ku, Tokyo, Japan City, State, Zip: Chyoda-ku, Tokyo, Japan (a) Patent Application Number(s): (b) Patent Numbers: (b) Patent Numbers: (b) Patent Numbers: (c) Patent Numbers: (b) Patent Numbers: (c) Patent Numbers: (c) Patent Numbers: (d) Patent Numbers: (e) Patent Numbers: (e) Patent Numbers: (f) Patent Numbers: (e) Patent Numbers: (f) Patent Numbers: (e) Patent Numbers: (f) Patent Num	2		
Execution Dates: (1)(2)(3) August 28, 2001, (4) September 7, 2001, (5)(6) August 30, 2001 4. (a) Patent Application Number(s): 09/942,724 If this document is being filed together with a new application, the execution dates of the application are: Additional Numbers Attached. 5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed: Name: Stanley P. Fisher 7. Total Fee: (37 C.F.R. § 3.41) Address: Reed Smith Hazel Thomas LLP 3110 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042 8. Deposit Account Number: 08-1480 ATTACHDURHEATE COPY OF THIS PAGE IF PAYEN BY DEPOSIT ACCOUNT DO NOT USE THIS SPACE 9. Statement and Signature:	□ Other:		
4. (a) Patent Application Number(s): 09/942,724 If this document is being filed together with a new application, the execution dates of the application are: Additional Numbers Attached. 5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed: Name: Stanley P. Fisher 5. Total Number of Applications and Patents Involved: 1 7. Total Fee: (37 C.F.R. § 3.41) Address: Reed Smith Hazel Thomas LLP 3110 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042 8. Deposit Account Number: 08-1480 ATTACHOUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT DO NOT USE THIS SPACE 9. Statement and Signature:			
1. (b) Patent Numbers: 1. (b) Patent Numbers: 4. (c) Patent Numbers: 4. (c) Patent Numbers: 4. (d) Patent Numbers: 4. (e) Patent Numbers: 4. (d) Patent Numbers: 4. (e) Patent Numbers: 4. (e) Patent Numbers: 4. (f) Patent Numbers: 5. (a) Patent Numbers: 5. (a) Patent Numbers: 5. (a) Patent Numbers: 5. (a) Patent Numbers: 6. (a) Patent Numbers: 7. (a) Patent Numbers: 8. (a) Patent Numbers: 9. (a	September 7, 2001, (5)(6) August 30, 2001		
## Deposit Account Number: 08-1480 Op/942,724 If this document is being filed together with a new application, the execution dates of the application are: Additional Numbers Attached.	(a) Patent Application Number(s):	4 (h) Patent Numbers	
If this document is being filed together with a new application, the execution dates of the application are: Additional Numbers Attached.	09/942 724	4. (b) I dient (vanioers.	
Additional Numbers Attached. 5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed: Name: Stanley P. Fisher 7. Total Fee: (37 C.F.R. § 3.41) Address: Reed Smith Hazel Thomas LLP 3110 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042 8. Deposit Account Number: 08-1480 ATTACH DEPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT DO NOT USE THIS SPACE 9. Statement and Signature:	· · · · · · · · · · · · · · · · · · ·		
5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed: Name: Stanley P. Fisher Stanley P. Fisher Reed Smith Hazel Thomas LLP 3110 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042 Enclosed. Authorized to be charged to deposit account. 8. Deposit Account Number: 08-1480 ATTACHDUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT DO NOT USE THIS SPACE 9. Statement and Signature:			
5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed: Name: Stanley P. Fisher Stanley P. Fisher Reed Smith Hazel Thomas LLP 3110 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042 Enclosed. Authorized to be charged to deposit account. 8. Deposit Account Number: 08-1480 ATTACHDUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT DO NOT USE THIS SPACE 9. Statement and Signature:			
Concerning this Document Should be Mailed: Name: Stanley P. Fisher 7. Total Fee: (37 C.F.R. § 3.41) Address: Reed Smith Hazel Thomas LLP 3110 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042 Enclosed. Authorized to be charged to deposit account. 8. Deposit Account Number: 08-1480 ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT DO NOT USE THIS SPACE 9. Statement and Signature:	Additional Numbers Attached.		
Concerning this Document Should be Mailed: Name: Stanley P. Fisher 7. Total Fee: (37 C.F.R. § 3.41) Address: Reed Smith Hazel Thomas LLP 3110 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042 Enclosed. Authorized to be charged to deposit account. 8. Deposit Account Number: 08-1480 ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT DO NOT USE THIS SPACE 9. Statement and Signature:		·	
Address: Reed Smith Hazel Thomas LLP 3110 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042 Benclosed. Authorized to be charged to deposit account. Benclosed. Benclosed. Authorized to be charged to deposit account. Benclosed. Benclo	, ,	6. Total Number of Applications and Patents Involved: 1	
Address: Reed Smith Hazel Thomas LLP 3110 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042 Benclosed. Authorized to be charged to deposit account. Benclosed. Benclo	ame: Stanley P. Fisher	74403-1713	
3110 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042 8. Deposit Account Number: 08-1480 ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT DO NOT USE THIS SPACE 9. Statement and Signature:		(37 C.F.R. § 3.41)	
Suite 1400 Falls Church, Va. 22042 8. Deposit Account Number: 08-1480 ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT DO NOT USE THIS SPACE 9. Statement and Signature:		M. Fort of	
Falls Church, Va. 22042 8. Deposit Account Number: 08-1480 ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT DO NOT USE THIS SPACE 9. Statement and Signature:	Suite 1400		
ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT DO NOT USE THIS SPACE 9. Statement and Signature:	Falls Church, Va. 22042		
DO NOT USE THIS SPACE 9. Statement and Signature:		8. Deposit Account Number: 08-1480	
9. Statement and Signature:		ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT	
	O NOT USE THIS SPACE		
	Statement and Signature:		
To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original		and correct and any attached conving true convict the evicinal	
document.		ina correct and any anached copy is a mue copy of the original	
October 11, 2001		October 11, 2001	
C			
Stanley P. Fisher, Registration No. 24,344	lanley P. Fisher, Registration No. 24,344		
JUAN CARLOS A. MARQUEZ	HISSI CADI	OS A MARQUEZ	
Some ourroom management	[INTOR LARI		
Total number of pages comprising cover sheet: 1 Registration No. 34,072	otal number of pages comprising cover sheet: 1 Registrati	on No. 34,072	
Total number of pages comprising cover sheet: 1 Registration No. 34,072	otal number of pages comprising cover sheet: 1 Registration	on No. 34,072	

10/18/2001

01 FC:581

40.00 OP

PATENT REEL: 012247 FRAME: 0678

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

PICTURE DISPLAY DEVICE

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

RECORDED: 10/11/2001

(発明者フルネームサイン)	(署名日)
1) Tetsaya Ohshima	8/28/2001
2) Hiroki Kaneko	8/28/2001
3) Kazutaka Tsuji	8/28/2001
4) aking arimoto	9/07/2001
5) BAS B	8/30/2001
6) Masahiko Yatsu	8/30/2001
7)	
8)	
9)	
0)	

PATENT REEL: 012247 FRAME: 0679

Data Cianad