Form PTO-1595

Reference: 1113.42388X00

U.S. DEPARTMENT OF COMMERCE

	To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy there		
K. H. O.	Name of conveying party(ies): IKUCHI, HIROSHI ONGO, MIKIO ATANO, MUTSUKO HKURA, MAKOTO dditional name(s) of conveying party(ies) attached?	2. Name and address of receiving party(ies) Name: HITACHI, LTD. Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan	
3.	Nature of conveyance: Assignment	☐ Other	
E:	xecution Date: September 30,October 3,8,3,2002.	Additional name(s) & address(es) attached? ☐ Yes ☒ No	
lf ·	Application number(s) or patent number(s): this document is being filed together with a new application, the execution date A. Patent Application No.(s) ETAI 00000022 10345261	e of the application is: September 30,October 3,8,3,2002. B. Patent Registration No.(s)	
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i	Additional number(s) at	Tached ☐ Yes ☒ No	
5.	. Name and address of party to whom correspondence concerning document should be mailed:	tached ☐ Yes ☒ No 6. Total number of applications and patents involved 1	
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5.	Name and address of party to whom correspondence concerning document should be mailed: Name: Antonelli, Terry, Stout & Kraus, LLP	6. Total number of applications and patents involved 1 7. Total fee (37 CFR 3.41)\$40.00 ☐ Enclosed	
5.	Name and address of party to whom correspondence concerning document should be mailed: Name: Antonelli, Terry, Stout & Kraus, LLP Internal Address: 1300 North Seventeenth Street Suite 1800	6. Total number of applications and patents involved 7. Total fee (37 CFR 3.41)	
5.	Name and address of party to whom correspondence concerning document should be mailed: Name: Antonelli, Terry, Stout & Kraus, LLP Internal Address: 1300 North Seventeenth Street Suite 1800 Arlington, VA 22209	6. Total number of applications and patents involved 7. Total fee (37 CFR 3.41)	
5.	Name and address of party to whom correspondence concerning document should be mailed: Name: Antonelli, Terry, Stout & Kraus, LLP Internal Address: 1300 North Seventeenth Street Suite 1800 Arlington, VA 22209 USA	6. Total number of applications and patents involved 7. Total fee (37 CFR 3.41)	
	Name and address of party to whom correspondence concerning document should be mailed: Name: Antonelli, Terry, Stout & Kraus, LLP Internal Address: 1300 North Seventeenth Street Suite 1800 Arlington, VA 22209 USA City: State: Zip:	6. Total number of applications and patents involved 7. Total fee (37 CFR 3.41)	

Mail documents to be recorded with required cover sheet information to: Commissioner of Patent & Trademarks, Box Assignments Washington, D.C. 20231

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

DISPLAY DEVICE WITH ACTIVE-MATRIX TRANSISTOR AND METHOD FOR MANUFACTURING THE SAM

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 our signatures:

RECORDED: 01/16/2003

INVENTOR(S)

(発明者フルネームサイン)	(署名日)
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	Oct. 03, 2002
2) <u>Inikio Hongo</u> 3) <u>Matrito Hatane</u>	Oct. 08, 2002
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PATENT REEL: 013672 FRAME: 0824

Date Signed