



PATENT COVER SHEET

To the Assistant Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of conveying party(ies): Hideki AKAHORI  
Type of Entity: Individual  
Additional names(s) of conveying party(ies) attached? No

1-29-04

2. Name and Address of receiving party(ies): NEC Electronics Corporation  
1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668 Japan  
Type of Entity: Corporation of Japan  
Additional name(s) & address(es) attached? No

22387 U.S. PTO 10769319



012904

3. Nature of Conveyance: Assignment  
Execution Date: January 16, 2004

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: January 26, 2004

A. Application No.(s): 10769319  
Additional numbers attached? No

B. Patent No.(s)  
No

5. Name and address of party to whom correspondence concerning document should be mailed:

OSTROLENK, FABER, GERB & SOFFEN, LLP  
1180 Avenue of the Americas  
New York, New York 10036-8403

6. Total number of documents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00  
Enclosed as part of Check No. 14070

In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed or if any additional fee due is not paid, the Patent and Trademark Office is authorized to charge the underpayment to Deposit Account No. 15-0700.

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8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Max Moskowitz  
Name of Person Signing

*Max Moskowitz*  
Signature

January 29, 2004  
Date

Total number of pages including cover sheet, attachments, and document: 2

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U.S. ASSIGNMENT - (SOLE OR JOINT)  
LETTERS OR DESIGN PATENT APPLICATION  
EXECUTED OUTSIDE U.S.A.

OFGS FILE NO. P/29-1645

WHEREAS, I (We) HIDEKI AKAHORI

as assignor(s), have invented certain improvements in

DISPLAY DEVICE INCLUDING A PLURALITY OF CASCADE-CONNECTED DRIVER ICS

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

NEC Electronics Corporation

1753 Shimonumabe, Nakahara-ku, Kawasaki,

Kanagawa 211-8668, 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 there-  
from 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 assignee  
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 assignee, 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: January 16, 2004

Hideki Akahori   
HIDEKI AKAHORI

Witness:

Atsushi Ukeni  
[Signature]

OE 481

PATENT  
REEL: 014952 FRAME: 0353

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**DISPLAY DEVICE INCLUDING A PLURALITY OF CASCADE-CONNECTED DRIVER ICS**

the specification of which is attached hereto, unless the following box is checked:

was filed on \_\_\_\_\_ as United States patent Application Number or PCT International patent application number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if any).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate or United States provisional application(s) listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**Prior Foreign or Provisional Application(s)**

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. 119
Japan	21079/2003	29, 1, 2003	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

UNITED STATES APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)

I hereby appoint customer no. 2352 OSTROLENK, FABER, GERB & SOFFEN, LLP, and the members of the firm, Samuel H. Weiner - Reg. No. 18,510; Jerome M. Berliner - Reg. No. 18,653; Robert C. Faber - Reg. No. 24,322; Edward A. Meilman - Reg. No. 24,735; Stanley H. Lieberstein - Reg. No. 22,400; Steven I. Weisburd - Reg. No. 27,409; Max Moskowitz - Reg. No. 30,576; Stephen A. Soffen - Reg. No. 31,063; James A. Finder - Reg. No. 30,173; William O. Gray, III - Reg. No. 30,944; Louis C. Dujmich - Reg. No. 30,625 and Douglas A. Miro - Reg. No. 31,643, as attorneys with full power of substitution and revocation to prosecute this application, to transact all business in the Patent & Trademark Office connected therewith and to receive all correspondence.

SEND CORRESPONDENCE TO: **OSTROLENK, FABER, GERB & SOFFEN, LLP** DIRECT TELEPHONE CALLS TO:  
 1180 AVENUE OF THE AMERICAS (212) 382-0700  
 NEW YORK, NEW YORK 10036-8403  
 CUSTOMER NO. 2352

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR HIDEKI AKAHORI		INVENTOR'S SIGNATURE <i>Hideki Akahori</i>	DATE January 16, 2004
RESIDENCE (City and either State or Foreign Country) Kanagawa, Japan		COUNTRY OF CITIZENSHIP Japan	
POST OFFICE ADDRESS c/o NEC Electronics Corporation, 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan			
FULL NAME OF SECOND JOINT INVENTOR (IF ANY)		INVENTOR'S SIGNATURE	DATE
RESIDENCE (City and either State or Foreign Country)		COUNTRY OF CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF THIRD JOINT INVENTOR (IF ANY)		INVENTOR'S SIGNATURE	DATE
RESIDENCE (City and either State or Foreign Country)		COUNTRY OF CITIZENSHIP	
POST OFFICE ADDRESS			

CONTINUED ON PAGE 2