

MKD 11.11.99 A/D 581.40

09/423590

FORM PTO-1585

RECORDED

12-15-1999

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

MAILED: November 11, 1999  
EXPRESS MAIL NO.: EE146637233US P  
Tab settings: MM7130US #9032



CT/PTO NOV 11 1999

101222853

Original documents or copy thereof.

To the Honorable Commissioner of Patents and

1. Name of conveying party(ies):  
Hidehiko Maebata  
Masanori Tsukahara  
Daisuke Tamakoshi  
Tomohiko Suzuki  
Yutaka Isawa  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: Hitachi Zosen Corporation  
Internal Address:  
Street Address: 7-89, Nanko-kita 1-chome,  
Suminoe-ku  
City: Osaka Japan 559-0034  
State: ZIP:  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: April 7, 1999

4. Application number(s) or patent number(s): 09/423590  
If this document is being filed together with a new application, the execution date of the application is: April 7, 1999  
A. Patent Application No.(s)  
B. Patent No.(s)  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: D. Peter Hochberg, Esq.  
Internal Address: D. Peter Hochberg Co., L.P.A.  
Street Address: 1940 E. 6th Street - 6th Floor  
City: Cleveland State: OH ZIP: 44114-2294

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41): \$ 40.00---  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
08-2441  
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.  
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.  
D. Peter Hochberg  
Name of Person Signing: Signature: Date: November 11, 1999  
Total number of pages comprising cover sheet: 1

PATENT OR DESIGN: SOLE OR JOINT  
(U.S. and Foreign Rights)

ASSIGNMENT FOR UNFILED APPLICATION  
FOR UNITED STATES PATENT  
(Sole or Joint Inventors)

WHEREAS:

**NAME(S) AND ADDRESS(S)  
OF INVENTOR(S)  
(including country)** Hidehiko MAEHATA, Masanori TSUKAHARA, Daisuke TAMAKOSHI,  
Tomohiko SUZAKI and Yutaka ISAWA  
c/o HITACHI ZOSEN CORPORATION  
7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka 559-0034  
JAPAN

(hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled:

**TITLE OF INVENTION** ELECTRIC SCREEN DEVICE

for which application for Letters Patent of the  
United States has been executed on even date herewith,

WHEREAS:

**NAME AND ADDRESS  
OF ASSIGNEE  
(including country)** HITACHI ZOSEN CORPORATION  
7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka 559-0034  
JAPAN

(hereinafter referred to as ASSIGNEE), is desirous of  
acquiring the entire interest in, to and under said  
invention and in, to and under Letters Patent or  
similar legal protection to be obtained therefor in  
the United States and in any and all foreign  
countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of the payment by ASSIGNEE  
to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which  
is hereby acknowledged, and for other good and valuable  
consideration, ASSIGNOR hereby sells, assigns and transfers to  
ASSIGNEE the full and exclusive right, title and interest to said  
invention in the United States and its territorial possessions and in all

foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof of any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 7th day of April, 19 99.

FULL NAME(S)  
OF INVENTOR(S)

Hi. Maehata T. SUZAKI  
(Signature) Hidehiko MAEHATA (Signature) Tomohiko SUZAKI

Tsukahara Yutaka  
(Signature) Masanori TSUKAHARA (Signature) Yutaka ISAWA

D. Tamakoshi  
(Signature) Daisuke TAMAKOSHI

Instruction  
sheet for  
assignment:

All information, names of inventor(s) and assignee, title of invention and particulars of application should be completed.

Signing:

No witnessing or legalization is necessary. However, if this assignment is legalized then it will only be prima facie evidence of the execution of the assignment.