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FORM PTO-1619A

Expires 06/30/99
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Conveyance Type☐ Assignment☐ Security Agreement☐ License☐ Change of Name☐ Merger☒ Other

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Execution Date
Month Day Year

Name (line 1)

WU, LONG-HAI

07232001

Name (line 2)

Second PartyExecution Date
Month Day Year

Name (line 1)

TANAKA, SAKAE

07232001

Name (line 2)

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HANNSTAR DISPLAY CORP.

Name (line 2)

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Address (line 2)

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Address (line 3)

TAIPEI

TAIWAN, R.O.C.

Zip Code

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
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has not been assigned.

PCT PCT PCT

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Number of Properties

Enter the total number of properties involved.

#

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:
Deposit Account

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(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

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Yes ☒ No ☐

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. Charges to deposit account are authorized, as indicated herein.

C. Frederick Koenig III

Name of Person Signing
Reg. No. 29,662

Signature

Date

FORM PTO-1619A
Expires 06/30/99
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U.S. Department of Commerce
Patent and Trademark Office
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Month Day Year

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07232001

Name (line 2)

Second Party

Name (line 1) TANAKA, SAKAE

Execution Date
Month Day Year

07232001

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) HANSTARR DISPLAY CORP.

Name (line 2) A TAIWANESE CORPORATION

Address (line 1) 5 FLOOR, NO. 115, SECTION 3

Address (line 2) MINSHENG E. RD.

Address (line 3) TAIPEI

TAIWAN, R.O.C.

City

State/Country

Zip Code

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Domestic Representative Name and Address

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Name

Address (line 1)

Address (line 2)

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PATENT
REEL: 012720 FRAME: 0728

Correspondent Name and Address

Area Code and Telephone Number (215) 568-6400

Name C. FREDERICK KOENIG III, ESQUIRE

Address (line 1) VOLPE AND KOENIG, P.C.

Address (line 2) SUITE 400, ONE PENN CENTER

Address (line 3) 1617 JOHN F. KENNEDY BLVD.

Address (line 4) PHILADELPHIA, PA 19103

Pages

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1

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

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Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
07 23 2001

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Enter PCT application number
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has not been assigned.

PCT PCT PCT
PCT PCT PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:
Deposit Account

Enclosed ☒

Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # 22-0493

Authorization to charge additional fees:

Yes

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No

☐

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. Charges to deposit account are authorized, as indicated herein.

C. Frederick Koenig III, Esquire

Name of Person Signing
Reg. No. 29,662

Signature

Date

7/27/01

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Long-Hai Wu and Sakae Tanaka

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) Hannstar Display Corp. having a place of business at

(3) 5 Fl., No. 115, Sec. 3, Minsheng E. Rd., Taipei, Taiwan, R.O.C.

(hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

(4) METHOD FOR FABRICATING PROTRUSION OF LIQUID CRYSTAL DISPLAY

which application was:

(a) executed by the undersigned on (5a) July 23, 2001

(b) filed on (5b) _____

and assigned Serial No. _____

including any and all United States Letters Patents which may be granted on said application, and any and all extensions, divisions, reissues, substitutes, renewals or continuations of said application and patents, and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee, its assigns or its successors in interest or its designee.

Upon said consideration, it is further agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining patent protection as provided herein.

DATE:

July 23, 2001

July 23, 2001

INVENTOR(S)

Long-Hai Wu
Sakae Tanaka

Long-Hai Wu

Sakae Tanaka

WITNESSES: