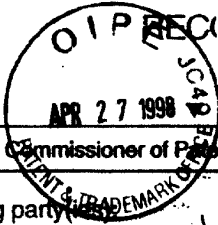


05-04-1998

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Tab settings

To the Honorable Commissioner of Patents

attached original documents or copy thereof.

1. Name of conveying party: Michael TROMPF, Hans Jurgen MATT, Dieter BAUMS, Gebhard THIERER. Additional name(s) of conveying party(ies) attached? No

4-27-98

2. Name and address of receiving party(ies): Alcatel Alsthom Compagnie Generale d'Electricite

Street Address: 54, La Boetie

City: 75008 Paris, France State: ZIP:

3. Nature of conveyance: Assignment, Merger, Security Agreement, Change of Name, Other

Execution Date: April 3, 1998

Additional name(s) & address(es) attached? No

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:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 09/023,781 Filed: February 13, 1998

Additional numbers attached? No

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

Name: Alfred A. Fressola, Ware, Fressola, Van Der Sluys & Adolphson LLP

Street Address: 755 Main Street

PO Box 224

City: Monroe State: CT ZIP: 06468

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:

23-0442

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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.

Alfred A. Fressola, 27,550 Name of Person Signing

Signature

4/23/98 Date

Total number of pages including cover sheet, attachments, and document: 4

Vertical stamp: 0000056 09/27/81 40.00 UP

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, Dr. Michael TROMPF; Dr. Hans Jürgen MATT; Dr. Dieter BAUMS; and Dr. Gebhard THIERER, all citizens of Germany, and residing respectively at Schauchertstrasse 77, 71282 HEMMINGEN; Schumannstrasse 6, 71686 REMSECK; Menzelstrasse 8, 35396 GIESSEN; and Breslauer Strasse 1, 71254 DITZINGEN, Federal Republic of Germany, hereby sell, assign and transfer to ALCATEL ALSTHOM COMPAGNIE GENERALE D'ELECTRICITE, a corporation duly organized and existing under the laws of France and having a principal place of business at 54, rue La Boétie, 75008 PARIS, France, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, in and to certain inventions relating to improvements in DEVICE AND METHOD FOR CLASSIFYING OBJECTS IN AN ENVIRONMENTALLY ADAPTIVE MANNER, which is described in an application for Letters Patent of the United States, Serial No. 09/023,781, filed on February 13, 1998 and identified by Ware, Fressola, Van Der Sluys and Adolphson docket number 902.645; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said invention be issued to said assignee, its successors, assigns and legal representatives or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in the United States and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file a like document which may be required for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Stuttgart, Federal Republic of Germany, this 3rd day of April, 1998.

Michael Trompf
(Dr. Michael TROMPF)

Hans J. Matt
(Dr. Hans Jürgen MATT)

Dieter Baums
(Dr. Dieter BAUMS)

Gebhard Thierer
(Dr. Gebhard THIERER)

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness: Jürgen Siemel
(Jürgen SIENEL)

Date: April 3, 1998

Witness: Dieter Kopp
(Dieter KOPP)

Date: April 3, 1998