12-05-2006



U.S. DEPARTMENT OF COMMERCE

1/31/92	103344306 Patent and Trademark Office
Director of United States Patent and Trademark Office :	Please Record the attached original documents or copy thereof.
Name of conveying party(ies): Jörg Freudenberger, Sven Fritzler Manfred Fuchs, Detlef Mattern Peter Röhrer and Peter Schardt Additional name(s) of conveying party(ies) attache	Name and address of receiving party(ies): Name: Siemens Aktiengesellschaft d? Internal Address: Wittelsbacherplatz 2
3. Nature of conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other ☐ Execution Date September 25,26, 2006	Street Address: City: Munich State: Germany Zip: D80333 Additional Name(s) & Address(es) attached Yes No.3
4. Application (number(s) or patent number(s): If this document is being filed together with a new A. Patent Application No.(s) P06,0315 USSN 11/520,065 Filed September 12, 2006 X-RAY RADIATOR WITH THERMIONIC EMISSIC ELECTRONS FROM A LASER-IRRADIATED CAT	application, the execution date of the application is: B. Patent No.(s)
Additiona 5. Name and address of party to whom correspon	I numbers attached? ☐ Yes ☒ No dence 6. Total number of applications and patents involved
concerning document should be mailed: Schiff, Hardin LLP Patent Department 6600 Sears Tower 233 S. Wacker Drive Chicago, IL 60606-6473 Telephone: (312) 258-5500 Customer Number: 26574	7. Total Fee (37 CFR 3.41 \$40.00 Enclosed Authorized to be charged to deposit account any Additional fees 8. Deposit Account Number: 501519 (Attach duplicate copy of this page if paying by deposit account)
ı	DO NOT USE THIS SPACE
9. Statement and signature: To the best of my knowledge and belief, the foregot of the original document. STEVEN H. NOLL Name of Person Signing	oing information is true and correct and any attached copy is a true concept of the concept of t
1450 - Ma	r sheet information to: ited States Patent and Trademark Office il Stop Assignment Recordation Services exandria, VA 22313-1450

ASSIGNMENT

09/01/2006 10:3/

FOR a valuable consideration, the undersigned, JORG FREUDENBERGER, residing at Siebenbürgenstr. 19, 90542 Eckental, Germany; SVEN FRITZLER, residing at Hofmannstrasse 65, 91052 Erlangen, Germany; MANFRED FUCHS, residing at Wodanstrasse 16, 90461 Nürnberg, Germany; DETLEF MATTERN, residing at Krähenhorst 14, 91056 Briangen, Germany; PETER RÖHRER, residing at Baumzeil 3, 91088 Bubenreuth, Germany; and PETER SCHARDT, residing at Kieferndorfer Weg 10, 91315 Höchstadt A.D. Aisch, Germany, hereby sell, assign and transfer unto Siemens Aktlengesellschaft, Wittelsbacherplatz 2, 80333 Muenchen, Germany, a German corporation, the whole right, title and interest in and to a certain invention or improvement in

X-RAY RADIATOR WITH THERMIONIC EMISSION OF ELECTRONS FROM A LASER-IRRADIATED CATHODE

disclosed in an application for Letters Patent of the United States, prepared by the Patent Department of the Firm Schiff Hardin LLP of Chicago, Illinois, and executed of even date herewith, said application being identified in the office records of said firm as Case No. P06,0315 and in our own records as Case No. 2005P1255SUS, and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of un earlier filing date for the same invention in a foreign country.

We hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention or improvements to said Stemens Aktlengesellechaft, Wittelsbacherplatz 2, 80333 Muenchen, Germany.

For the same consideration, we hereby agree that we will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and reissue applications; will make all rightful oaths, will teetify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

DATE: 09-25- 2006	11 Fredery
	Jörg Freudenberger
DATE: 09-27- 2006	San Fill
	Svon Fritzler
DATE: 09-25-2006	Manheel Eurly
	Manfied Fuchs
DATE: 09-25-2006	Detel Statten
•	Detlef Mattern
DATE: 25.09.06	_ Pet late
	Peter Röhrer
DATES 26-9.06	Defer 100
	Peter Schardt
WITNESSES:	
In & Spran	
Edidia Show	<u> </u>
Jugid Weiner	Mathias Clar

U-27 CH2\ 1500996.1

01-SEP-2006 17:45

98%

S.026 **PATENT**

REEL: 018650 FRAME: 0937