



PTO/PCT Rec'd

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10/018114

FILE NO. A34737-PCT-USA (071308.0258)

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11-05-2002



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and

102273007

al documents or copy thereof.

1. Name of conveying party(ies):
Manfred Heer and Wolfgang Rzdaki
 Additional name(s) of conveying party(ies) attached?
 Yes No 7-30-02

2. Name and address of receiving party(ies)
 Name: **SIEMENS AKTIENGESELLSCHAFT**

 Address: **Wittelsbacherplatz 2**

 City: **Munchen/Rein** State: Zip: **80333**
 Additional name(s) and address(es) attached? Yes No Country: **Germany**

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

 Other
 Execution Date: **June 28, 2002**

4. Application number(s) or patent number(s) **10/018,114** filed **December 14, 2002**
 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)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: **Bradley B. Geist**
BAKER BOTTS L.L.P.
30 Rockefeller Plaza - 44 Fl.
New York, NY 10112

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 :
02-4377 (Charge any additional fees to this account)
 (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 instrumentation is true and correct and any attached copy is a true copy of the original document.
 Louis S. Sorell 7/24/02
 Name of Person Signing Signature Date

Page 1 of 2

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

A34747-PCT-USA (071308.0258)

2. Additional name of receiving party:

SCHOTTEL GmbH & CO. KG

Spay

56322 Rhein, Germany

NY02:397585.1

PATENT
REEL: 013234 FRAME: 0793

A S S I G N M E N T

WHEREAS, WE, Manfred Heer and Wolfgang Rzdaki, citizens of Germany, residing in Düngeheim and Glinde, Germany, respectively, whose post office addresses are Bachstraße 7, 56761 Düngeheim, Germany and Groothegen 4 E, 21509 Glinde, Germany; respectively, have made an invention entitled "ELECTRICAL STEERING PROPELLER HAVING A SMALL INSTALLED HEIGHT" as set forth and described in application for Letters Patent of the United States Serial No. 10/018,114, filed December 14, 2001; and

WHEREAS, SIEMENS AKTIENGESELLSCHAFT, a corporation organized and existing under the laws of the Federal Republic of Germany, and having an office for the transaction of business at Wittelsbacherplatz 2, 80333 Munchen, in the Federal Republic of Germany, and SCHOTTEL GmbH & CO. KG, a corporation organized and existing under the laws of the Federal Republic of Germany, and having an office for the transaction of business at 56322 Spay/Rhein, in the Federal Republic of Germany, are desirous of acquiring the entire right, title and interest in and to said invention and any improvements thereon, and in and to the said application for Letters Patent therefor, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE the said Manfred Heer and Wolfgang Rzdaki, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said SIEMENS AKTIENGESELLSCHAFT and SCHOTTEL GmbH & CO. KG, and other valuable considerations unto us moving from said SIEMENS AKTIENGESELLSCHAFT and SCHOTTEL GmbH & CO. KG, at or before the ensembling and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said SIEMENS AKTIENGESELLSCHAFT and SCHOTTEL GmbH & CO. KG, its successors and assigns, the entire right, title and interest in and to the said invention entitled "ELECTRICAL STEERING PROPELLER HAVING A SMALL INSTALLED HEIGHT" as set forth and described in the application and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said Manfred Heer and Wolfgang Rzdaki, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said SIEMENS AKTIENGESELLSCHAFT and SCHOTTEL GmbH & CO. KG, as the assignees of the entire right, title and interest in and to the same, for the sole use and benefit of said SIEMENS AKTIENGESELLSCHAFT and SCHOTTEL GmbH & CO. KG, its successors and assigns;

AND WE, the said Manfred Heer and Wolfgang Rzdski, for the considerations aforesaid, do hereby covenant and agree to and with said SIEMENS AKTIENGESELLSCHAFT and SCHOTTEL GmbH & CO. KG, its successors and assigns, that WE, the said Manfred Heer and Wolfgang Rzdski, have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that WE, the said Manfred Heer and Wolfgang Rzdski, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said SIEMENS AKTIENGESELLSCHAFT and SCHOTTEL GmbH & CO. KG, its successors and assigns, may be required or necessary more effectively to secure to and vest in said SIEMENS AKTIENGESELLSCHAFT and SCHOTTEL GmbH & CO. KG, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

Subscribed and executed at Spain
(Place)
on 28.6.02
(Date)

Manfred Heer
Manfred Heer

Witness: Timo Rallapf
(Type Name)

Subscribed and executed at Spain
(Place)
on 28.6.02
(Date)

Wolfgang Rzdski
Wolfgang Rzdski

Witness: _____
(Type Name)

Declaration and Power of Attorney for Patent Application Erklärung für Patentanmeldungen mit Vollmacht

German Language Declaration

Als nachstehend benannter Erfinder erkläre ich hiermit an Eides Statt:

daß mein Wohnsitz, meine Postanschrift und meine Staatsangehörigkeit den im nachstehenden nach meinem Namen aufgeführten Angaben entsprechen, daß ich nach bestem Wissen der ursprüngliche, erste und alleinige Erfinder (falls nachstehend nur ein Name angegeben ist) oder ein ursprünglicher, erster und Miterfinder (falls nachstehend mehrere Namen aufgeführt sind) des Gegenstandes bin, für den dieser Antrag gestellt wird und für den ein Patent für die Erfindung mit folgendem Titel beantragt wird:

deren Beschreibung hier beigefügt ist, es sei denn (in diesem Falle Zutreffendes bitte ankreuzen), diese Erfindung

- wurde angemeldet am _____ unter der US-Anmeldenummer oder unter der Internationalen Anmeldenummer im Rahmen des Vertrags über die Zusammenarbeit auf dem Gebiet des Patentwesens (PCT) _____ und am _____ abgeändert (falls zutreffend).

Ich bestätige hiermit, daß ich den Inhalt der oben angegebenen Patentanmeldung, einschließlich der Ansprüche, die eventuell durch einen oben erwähnten Zusatzantrag abgeändert wurde, durchgesehen und verstanden habe.

Ich erkenne meine Pflicht zur Offenbarung jeglicher Informationen an, die zur Prüfung der Patentfähigkeit in Einklang mit Titel 37, Code of Federal Regulations, § 1.56 von Belang sind.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ELECTRICAL STEERING PROPELLER HAVING A SMALL INSTALLED HEIGHT

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

- was filed on December 14, 2001 as United States Application Number or PCT International Application Number 10/018,114 and was amended on _____ (if applicable).

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 information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

German Language Declaration

Ich beanspruche hiermit ausländische Prioritätsvorteile gemäß Title 35, US-Code, § 119 (a)-(d), bzw. § 365(b) aller unten aufgeführten Auslandsanmeldungen für Patente oder Erfinderurkunden, oder § 365(a) aller PCT internationalen Anmeldungen, welche wenigstens ein Land ausser den Vereinigten Staaten von Amerika benennen, und habe nachstehend durch ankreuzen sämtliche Auslands- anmeldungen für Patente bzw. Erfinderurkunden oder PCT internationale Anmeldungen angegeben, deren Anmeldetag dem der Anmeldung, für welche Priorität beansprucht wird, vorangeht.

Prior Foreign Applications
(Frühere ausländische Anmeldungen)

199 289 61.1 Germany

(Number) (Country)
(Nummer) (Land)

PCT/DE99/01422 WIPO

(Number) (Country)
(Nummer) (Land)

Ich beanspruche hiermit Prioritätsvorteile unter Title 35, US-Code, § 119(e) aller US-Hilfsanmeldungen wie unten aufgezählt.

(Application No.) (Filing Date)
(Aktenzeichen) (Anmeldetag)

(Application No.) (Filing Date)
(Aktenzeichen) (Anmeldetag)

Ich beanspruche hiermit die mir unter Title 35, US-Code, § 120 zustehenden Vorteile aller unten aufgeführten US-Patentanmeldungen bzw. § 365(c) aller PCT internationalen Anmeldungen, welche die Vereinigten Staaten von Amerika benennen, und erkenne, insofern der Gegenstand eines jeden früheren Anspruchs dieser Patentanmeldung nicht in einer US-Patentanmeldung, bzw. PCT internationalen Anmeldung in in einer gemäß dem ersten Absatz von Title 35, US-Code, § 112 vorgeschriebenen Art und Weise offenbart wurde, meine Pflicht zur Offenbarung jeglicher Informationen an, die zur Prüfung der Patentfähigkeit in Einklang mit Title 37, Code of Federal Regulations, § 1.56 von Belang sind und die im Zeitraum zwischen dem Anmeldetag der früheren Patentanmeldung und dem nationalen oder im Rahmen des Vertrags über die Zusammenarbeit auf dem Gebiet des Patentwesen (PCT) gültigen internationalen Anmeldetags bekannt geworden sind.

(Application No.) (Filing Date)
(Aktenzeichen) (Anmeldetag)

(Application No.) (Filing Date)
(Aktenzeichen) (Anmeldetag)

Ich erkläre hiermit, daß alle in der vorliegenden Erklärung von mir gemachten Angaben nach bestem Wissen und Gewissen der Wahrheit entsprechen, und ferner daß ich diese eidesstattliche Erklärung in Kenntnis dessen ablege, daß wissentlich und vorsätzlich falsche Angaben oder dergleichen gemäß § 1001, Title 18 des US-Code strafbar sind und mit Geldstrafe und/oder Gefängnis bestraft werden können und daß derartige wissentlich und vorsätzlich falsche Angaben die Rechtswirksamkeit der vorliegenden Patentanmeldung oder eines aufgrund deren erteilten Patent es gefährden können.

I hereby claim foreign priority under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed
Priorität nicht beansprucht

6/24/99

(Day/Month/Year Filed)
(Tag/Monat/Jahr der Anmeldung)

5/11/99

(Day/Month/Year Filed)
(Tag/Monat/Jahr der Anmeldung)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International 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.

(Status) (patented, pending, abandoned)
(Status) (patentiert, schwebend, aufgegeben)

(Status) (patented, pending, abandoned)
(Status) (patentiert, schwebend, aufgegeben)

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.

German Language Declaration

VERTRETUNGSVOLMACHT: Als benannter Erfinder beauftrage ich hiermit den (die) nachstehend aufgeführten Patentanwalt (Patentanwälte) und/oder Vertreter mit der Verfolgung der vorliegenden Patentanmeldung sowie mit der Abwicklung aller damit verbundenen Angelegenheiten vor dem US-Patent- und Markenamt: *(Name(n) und Registrationsnummer(n) auflisten)*

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: *(list name and registration number)*
All attorneys and agents of customer number 21003

Postanschrift:

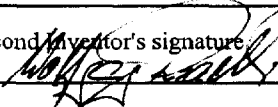
Baker Botts, LLP

Send Correspondence to:

Telefonische Auskünfte: *(Name und Telefonnummer)*

Bradley B. Geist, Esq. (212) 408-2562

Direct Telephone Calls to: *(name and telephone number)*

Vor- und Zuname des einzigen oder ersten Erfinders	Full name of sole or first inventor Manfred Heer
Unterschrift des Erfinders Datum	Inventor's signature Date
Wohnsitz	Residence Düngenheim
Staatsangehörigkeit	Citizenship German
Postanschrift	Post Office Address Bachstraße 7, 56761 Düngenheim, Germany
Vor- und Zuname des zweiten Miterfinders (falls zutreffend)	Full name of second joint inventor, if any Wolfgang Rzadki
Unterschrift des zweiten Erfinders Datum	Second inventor's signature Date  20.06.2002
Wohnsitz	Residence Glinde
Staatsangehörigkeit	Citizenship German
Postanschrift	Post Office Address Groothege 4 E, 21509 Glinde, Germany

(Im Falle dritter und weiterer Miterfinder sind die entsprechenden Informationen und Unterschriften hinzuzufügen.)

(Supply similar information and signature for third and subsequent joint inventors.)

German Language Declaration

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Postanschrift:

Baker Botts, LLP

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Telefonische Auskünfte: *(Name und Telefonnummer)*

Bradley B. Geist, Esq. (212) 408-2562

Direct Telephone Calls to: *(name and telephone number)*

Vor- und Zuname des einzigen oder ersten Erfinder	Additional Inventor
Unterschrift des Erfinders Datum	Inventor's signature Date
Wohnsitz	Residence
Staatsangehörigkeit	Citizenship
Postanschrift	Post Office Address
Vor- und Zuname des zweiten Miterfinders (falls zutreffend)	Full name of additional inventor, if any
Unterschrift des zweiten Erfinders Datum	Inventor's signature Date
Wohnsitz	Residence
Staatsangehörigkeit	Citizenship
Postanschrift	Post Office Address

(Im Falle dritter und weiterer Miterfinder sind die entsprechenden Informationen und Unterschriften hinzuzufügen.)

(Supply similar information and signature for third and subsequent joint inventors.)

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All attorneys and agents of customer number 21003

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Bradley B. Geist, Esq. (212) 408-2562

Direct Telephone Calls to: *(name and telephone number)*

Vor- und Zuname des einzigen oder ersten Erfinder	Additional Inventor
Unterschrift des Erfinders Datum	Inventor's signature Date
Wohnsitz	Residence
Staatsangehörigkeit	Citizenship
Postanschrift	Post Office Address
Vor- und Zuname des zweiten Miterfinders (falls zutreffend)	Full name of additional inventor, if any
Unterschrift des zweiten Erfinders Datum	Inventor's signature Date
Wohnsitz	Residence
Staatsangehörigkeit	Citizenship
Postanschrift	Post Office Address

(Im Falle dritter und weiterer Miterfinder sind die entsprechenden Informationen und Unterschriften hinzuzufügen.)

(Supply similar information and signature for third and subsequent joint inventors.)

Addendum to Declaration (A34737 - 071308.0258)

Additional Prior Foreign Application:

<u>Number:</u>	<u>Country:</u>	<u>Filing Date:</u>
PCT/DE99/01842	WIPO	6/24/99

NY02:378428.1

PATENT
REEL: 013234 FRAME: 0801

A S S I G N M E N T

WHEREAS, WE, Manfred Heer and Wolfgang Rzdaki, citizens of Germany, residing in Düngeheim and Glinde, Germany, respectively, whose post office addresses are Bachstraße 7, 56761 Düngeheim, Germany and Groothegen 4 E, 21509 Glinde, Germany; respectively, have made an invention entitled "ELECTRICAL STEERING PROPELLER HAVING A SMALL INSTALLED HEIGHT" as set forth and described in application for Letters Patent of the United States Serial No. 10/018,114, filed December 14, 2001; and

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NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE the said Manfred Heer and Wolfgang Rzdaki, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said SIEMENS AKTIENGESELLSCHAFT and SCHOTTEL GmbH & CO. KG, and other valuable considerations unto us moving from said SIEMENS AKTIENGESELLSCHAFT and SCHOTTEL GmbH & CO. KG, at or before the ensembling and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said SIEMENS AKTIENGESELLSCHAFT and SCHOTTEL GmbH & CO. KG, its successors and assigns, the entire right, title and interest in and to the said invention entitled "ELECTRICAL STEERING PROPELLER HAVING A SMALL INSTALLED HEIGHT" as set forth and described in the application and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said Manfred Heer and Wolfgang Rzdaki, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said SIEMENS AKTIENGESELLSCHAFT and SCHOTTEL GmbH & CO. KG, as the assignees of the entire right, title and interest in and to the same, for the sole use and benefit of said SIEMENS AKTIENGESELLSCHAFT and SCHOTTEL GmbH & CO. KG, its successors and assigns;

AND WE, the said Manfred Heer and Wolfgang Rzadki, for the considerations aforesaid, do hereby covenant and agree to and with said SIEMENS AKTIENGESELLSCHAFT and SCHOTTEL GmbH & CO. KG, its successors and assigns, that WE, the said Manfred Heer and Wolfgang Rzadki, have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that WE, the said Manfred Heer and Wolfgang Rzadki, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said SIEMENS AKTIENGESELLSCHAFT and SCHOTTEL GmbH & CO. KG, its successors and assigns, may be required or necessary more effectively to secure to and vest in said SIEMENS AKTIENGESELLSCHAFT and SCHOTTEL GmbH & CO. KG, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

Subscribed and executed at _____
(Place)
on _____
(Date)

Manfred Heer

Witness: _____
(Type Name)

Subscribed and executed at D-20099 Hamburg
(Place)
on 20.06.2002
(Date)

Wolfgang Rzadki

Witness: [Signature]
(Type Name) Stefan Hoer