

A/D 581-40

10/472676

NT15 Rec'd PCT/PTO 18 SEP 2003

03-29-2004

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2006)



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To the honorable Commissioner of Patents and Trademarks. Please forward to the original documents or copy thereof.

1. Name of conveying party(ies): Alexander Hupp Ulrich Speer Roland Wagner Frank Michels Additional name(s) of conveying party(ies) attached? [] Yes [X] No

2. Name and address of receiving party(ies) Name: STEAG HamaTech AG Internal Address: Street Address: Ferdinand-von-Steinbeis-Ring 10 City: Sternenfels State: Germany Zip D-75447 Additional Name(s) & address(es) attached? [] Yes [X] No

3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: 9/10/2003

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: 9/18/2003 A. Patent Application No.(s) 101172676 B. Patent No. (s) Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Robert W. Becker ROBERT W. BECKER & ASSOCIATES Internal Address: Street Address: 707 Highway 66 East Suite B City: Tijeras State: New Mexico Zip: 87059

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40.00 [X] Enclosed [] Authorized to be charged to deposit account 8. Deposit account number: Please charge additional fees to: 02-1653 (Attach duplicate copy of this page if paying by deposit account)

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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. Robert W. Becker Signature: Robert - Becker Date: 9/18/2003 Name of Person Signing

"Express Mail" Mailing Label Number: EV 299 845 522 US Date of Deposit: September 18, 2003 I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.

Rosalie A. Centeno, Secretary

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Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Alexandria, Virginia 22313-1450

ASSIGNMENT

WHEREAS we, Alexander HUPP, Just, Kerner Strasse 2, D-75056 Sulzfeld, Germany / Ulrich SPEER, Sennigstrasse 6/2, D-75239 Eisingen, Germany / Dr. Roland WAGNER, Rondellstr. 15, D-75015 Bretten, Germany / Dr. Frank MICHELS, Schillerstrasse 49 D, D-75438 Knittlingen, Germany, have invented an improvement in
APPARATUS FOR JOINING SUBSTRATES TOGETHER

for which an application for Letters Patent of the United States

is being made herewith.

was filed on _____ under Serial No. _____


AND WHEREAS STEAG HamaTech AG, Ferdinand-von-Steinbels-Ring 10, D-75447 Sternenfels / Germany, is desirous of acquiring an interest in the same;

Now, therefore, in consideration of the foregoing and for other good and valuable consideration, the receipt of which is hereby acknowledged, we, Alexander Hupp, Ulrich Speer, Roland Wagner and Frank Michels, hereby assign to the said STEAG HamaTech AG, its assigns and legal representatives, all the right, title and interest in and to said invention for the United States and its territories, and in and to said Letters Patent, continuations, divisions, reissues and extensions thereof in the United States, and hereby request that said Letters Patent issue accordingly. For said considerations, we, Alexander Hupp, Ulrich Speer, Roland Wagner and Frank Michels, agree to execute all papers that may be necessary to file applications in the United States for said invention and to assign the same to said STEAG HamaTech AG, or any assignee acquiring title to said invention and to execute any other papers that may be in connection with filing said applications and securing patents thereon.

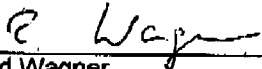
In Testimony whereof, this assignment is being executed this 10TH day of September 2003.



Alexander Hupp



Ulrich Speer



Dr. Roland Wagner



Dr. Frank Michels