

Revised as of 4.28.99

09-01-1999



Docket No.:

T U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings

101131860

To the Honorable Commissioner of Patents and Trademarks attached original documents or copy thereof.

1. Name of conveying party(ies):
Tyco Group S.a.r.l.
2nd Floor
6, avenue Emile Reuter
L - 2420 Luxembourg, Luxembourg

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: **Sherwood Services AG**
Address: **Schwertstrasse 9**

City: **Schaffhausen** State/Prov.:
Country: **Switzerland** ZIP: **CH - 8200**

Additional name(s) & address(es) Yes No

3. Nature of conveyance: **4-28-99**

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: **6 April 1999**

4. Application number(s) or registration numbers(s):
If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.	Filing date	B. Patent No.(s)
see attachment		see attachment

Additional numbers Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Douglas E. Denninger**
Registration No. **31,752**
Address: **Sherwood Services AG**
Schwertstrasse 9

City: **Schaffhausen** State/Prov.:
Country: **Switzerland** ZIP: **CH - 8200**

6. Total number of applications and patents involved: **328**

7. Total fee (37 CFR 3.41):.....\$ **13'120.00** *change*

Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account

8. Deposit account number:
500726

09/01/1999 MTHA11 00000056 500726 08006081

DO NOT USE THIS SPACE

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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.

Douglas E. Denninger *Douglas E. Denninger* **26 August 1999**
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and **14**

SMC PATENTS

Serial Number

Patent Number

08/006081	Des. 252823
	" 252824
08/068345	" 283983
08/478081	" 293215
08/926886	" 293821
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Patent Number

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Patent Number

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ASSIGNMENT OF PATENTS

WHEREAS, Tyco Group S.a.r.l., a Luxembourg corporation (hereinafter referred to as "ASSIGNOR"), has developed, conceived, acquired or otherwise owns certain intellectual property which includes all domestic and foreign patents and patent applications (including, without limitation, all counterparts thereof in any other country and all reissues, divisions, continuations, continuations-in-part, renewals and extensions of the foregoing), (collectively "PATENTS"), which are owned by ASSIGNOR, including the right to claim the benefit of any priority dates or provisional applications relating thereto under any applicable laws, and any renewal, substitute or reissue thereof, for the full term for which the same may be granted, specifically including, without limitation, the patents and patent applications identified in Appendix A attached hereto;

WHEREAS, ASSIGNOR wishes to confirm the assignment of its entire interests in such PATENTS to Sherwood Services AG, a Swiss corporation (hereinafter referred to as "ASSIGNEE"), and ASSIGNEE wishes to confirm acceptance of the assignment of such PATENTS;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR assigns and transfers to ASSIGNEE all right, title and interest of ASSIGNOR in and to said PATENTS, including the right to seek and obtain for ASSIGNEE's own benefit injunctive relief, recovery of damages for any past and/or future infringements, including enhanced damages and/or attorneys' fees for willful infringement.

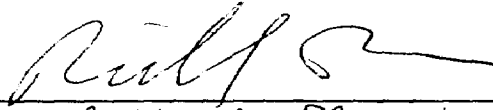
ASSIGNOR further covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNOR will, upon ASSIGNEE's request, promptly execute and deliver to ASSIGNEE or its legal representative any and all papers or instruments required to maintain and enforce said PATENTS which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, ASSIGNOR and ASSIGNEE have caused this assignment to be signed on the dates set forth below.

ASSIGNOR: TYCO GROUP S.A.R.L.

By:



Name: RICHARD BRANN

Title: GENERAL MANAGER

Date: 6 APRIL 1999

ASSIGNEE: SHERWOOD SERVICES AG

By:



Name: DOUGLAS E. DEWINTER

Title: CHIEF EXECUTIVE OFFICER

Date: 6 APRIL 1999

Country	Doc Number	Serial Number	Filing Date	Patent Number	Issue Date
SG	S-7428	86309448	4-Dec-86	9290552	25-Jun-92
SG	S-7615-1-C	89306399	23-Jun-89	9490272	20-May-94
SG	S-7615	9791489	21-Feb-94	9490272-3	22-Apr-94
SG	S-7593	327209	13-Jan-89	96918214	30-Aug-96
SG	S-7666	9790420	16-Mar-89	9790420	15-May-97
SG	S-7085	88301174	22-Feb-97	9791486	15-May-97
SG	S-7272	9791487	28-Feb-97	9791487	15-May-97
SG	S-7665	9791490	22-Feb-97	9791490	16-Jun-97
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US	S-8249-000	09/195414			
US	S-8250-000	09/022565	12-Feb-98		
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US	S-8255-000	09/002730	2-Jan-98		

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US	S-8276-000	09/026364	19-Feb-98		
US	S-8294-000	60/059230	18-Sep-97		
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US	S-7039	292959	14-Aug-81	4357144	2-Nov-82
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US	S-7092	743127	10-Jun-85	4610672	9-Sep-86
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US	S-4456-2-N	485757	22-Apr-83	4707276	17-Nov-87
US	S-7494-1-N	853400	18-Apr-86	4713064	15-Dec-87
US	S-7514	729046	1-May-85	4727500	23-Feb-88
US	S-7045	433932	12-Oct-82	4735606	5-Apr-88
US	S-7678-1-N	748693	25-Jun-85	4737400	12-Apr-88
US	S-7312	809533	16-Dec-85	4752286	21-Jun-88
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US	S-7275	906358	11-Sep-86	4793363	27-Dec-88
US	S-7184	823918	30-Jan-86	4795446	3-Jan-89
US	S-7463	014508	13-Feb-87	4798578	17-Jan-89
US	S-7429	943273	17-Dec-86	4798591	17-Jan-89
US	S-7611	43865	29-Apr-87	4798597	17-Jan-89
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US	S-7509	900193	25-Aug-86	4808449	28-Feb-89
US	S-7272	188695	2-May-88	4813926	21-Mar-89

Ctry	Doc Number	Serial Number	Filing Date	Patent Number	Issue Date
US	S-7272-1-N	188695	2-May-88	4813926	21-Mar-89
US	S-7456	101801	28-Sep-87	4816020	28-Mar-89
US	S-7139	882046	3-Jul-86	4818320	4-Apr-89
US	S-7139-1-D	882046	3-Jun-86	4818320	4-Apr-89
US	S-7490-2-D	65125	6-Aug-87	4824071	25-Apr-89
US	S-7442	024634	11-Mar-87	4828550	9-May-89
US	S-7630	144803	13-Jan-88	4833379	23-May-89
US	S-4446	125032	24-Nov-87	4834706	30-May-89
US	S-7446	125032	24-Nov-87	4834706	30-May-89
US	S-7091	145706	19-Jan-88	4834709	30-May-89
US	S-7510	928448	10-Nov-86	4834743	30-May-89
US	S-7260	935378	26-Nov-86	4842589	27-Jun-89
US	S-7575-1-N	284745	9-Dec-88	4846819	11-Jul-89
US	S-7666	168834	16-Mar-88	4857042	15-Aug-89
US	S-7327	215649	6-Jul-89	4857056	15-Aug-89
US	S-7200	163264	2-Mar-88	4861337	29-Aug-89
US	S-7144	136698	22-Dec-87	4863453	5-Sep-89
US	S-7658	210606	23-Jun-88	4865593	12-Sep-89
US	S-7195	918782	14-Oct-86	4869725	26-Sep-89
US	S-7230	133302	16-Dec-87	4874385	17-Oct-89
US	S-7593	144795	15-Jan-88	4884013	28-Nov-89
US	S-7427-1-N	244557	12-Sep-88	4887997	19-Dec-89
US	S-7565-1-N	07/239044	30-Aug-88	4888008	19-Dec-89
US	S-7511-1-N	268666	4-Nov-88	4892529	9-Jan-90
US	S-7246	165806	9-Mar-88	4893636	16-Jan-90
US	S-7691	264291	28-Oct-88	4895147	23-Jan-90
US	S-7683	238366	29-Aug-88	4898593	6-Feb-90
US	S-7614	13638	11-Feb-87	4904248	27-Feb-90
US	S-7580	003955	16-Jan-87	4909797	20-Mar-90
US	S-7441	227346	2-Aug-88	4911697	27-Mar-90
US	S-7582	103432	30-Sep-87	4913703	3-Apr-90
US	S-7428	263979	26-Oct-88	4913704	3-Apr-90
US	S-7428-1-N	263979	26-Oct-88	4913704	3-Apr-90
US	S-7585	103437	30-Sep-87	4919649	24-Apr-90
US	S-7703	268310	7-Nov-88	4923451	8-May-90
US	S-7677	278256	30-Nov-88	4926850	22-May-90
US	S-7690	240317	2-Sep-88	4929244	29-May-90
US	S-7495-1-N	915752	6-Oct-86	4934379	19-Jun-90
US	S-7676	235068	22-Aug-88	4946601	7-Aug-90
US	S-7644	290494	27-Dec-88	4950241	21-Aug-90
US	S-7086	197753	23-May-88	4957637	18-Sep-90
US	S-7665	363749	9-Jun-89	4963135	16-Oct-90
US	S-7684-1-C	375796	5-Jul-89	4967919	6-Nov-90
US	S-7768	406649	13-Sep-89	4973313	27-Nov-90
US	S-7215	190129	4-May-88	4976707	11-Dec-90
US	S-7714	511667	20-Apr-90	4994045	19-Feb-91
US	S-7700	429892	31-Oct-89	4994050	19-Feb-91
US	S-7670	59498	8-Jun-87	4838870	13-Jun-89

Ctry	Doc Number	Serial Number	Filing Date	Patent Number	Issue Date
US	S-7631	290790	28-Dec-88	4997429	5-Mar-91
US	S-7704-1-N	519345	2-May-90	4998924	12-Mar-91
US	S-7718	389018	3-Aug-89	5000167	19-Mar-91
US	S-7266	249979	27-Sep-88	5014494	14-May-91
US	S-7565-4-N	605042	29-Oct-90	5041105	20-Aug-91
US	S-7615	212528	28-Jun-88	5053018	1-Oct-91
US	S-7732	538791	15-Jun-90	5057081	15-Oct-91
US	S-7579-2-N	512052	12-Apr-90	5058601	22-Oct-91
US	S-7246-1-N	380925	17-Jul-89	5060659	29-Oct-91
US	S-7677-1-N	519373	4-May-90	5074293	24-Dec-91
US	S-7802	607410	31-Oct-90	5086783	11-Feb-92
US	S-7615-2-C	471995	29-Jan-90	5088988	18-Feb-92
US	S-7742	505876	6-Apr-90	5092847	3-Mar-92
US	S-7858	655873	14-Feb-91	5098400	24-Mar-92
US	S-7752	695152	3-May-91	5106372	21-Apr-92
US	S-7803	561742	2-Aug-90	5127522	7-Jul-92
US	S-7732-7-N	719220	21-Jun-91	5127908	7-Jul-92
US	S-7615-4-N	676048	27-Mar-91	5127910	7-Jul-92
US	S-7732-2-C	663964	1-Mar-91	5133650	28-Jul-92
US	S-7732-6-D	720331	25-Jun-91	5147312	15-Sep-92
US	S-7877	695365	3-May-91	5147325	15-Sep-92
US	S-7615-3-C	627062	1-Mar-91	5147326	15-Sep-92
US	S-7615-1-C	364939	9-Jun-89	5156599	20-Oct-92
US	S-7732-3-C	675774	27-Mar-91	5158528	27-Oct-92
US	S-7615-5-D	717592	19-Jun-91	5160326	3-Nov-92
US	S-7740-1-N	655201	11-Feb-91	5163916	17-Nov-92
US	S-7861	785575	30-Oct-91	5167637	1-Dec-92
US	S-7874-2-C	813194	8-Jan-92	5168892	8-Dec-92
US	S-7615-7-D	805949	11-Dec-91	5169392	8-Dec-92
US	S-7579-3-N	780496	22-Oct-91	5170798	15-Dec-92
US	S-7874	679886	3-Apr-91	5170817	15-Dec-92
US	S-7669	695174	3-May-91	5176658	5-Jan-93
US	S-7989-4-C	045603	30-Apr-87	5179936	19-Jan-93
US	S-7732-1-C	663965	1-Mar-91	5181842	26-Jan-93
US	S-7890	756650	9-Sep-91	5183054	2-Feb-93
US	S-7718-1-N	605208	29-Oct-90	5188119	23-Feb-93
US	S-7885	730184	12-Jul-91	5190448	2-Mar-93
US	S-7276	349155	9-May-89	5195995	23-Mar-93
US	S-7582-2-N	711554	7-Jun-91	5201711	13-Apr-93
US	S-7615-6-D	802026	3-Dec-91	5217437	8-Jun-93
US	S-7817-1-C	817012	3-Jan-92	5225763	6-Jul-93
US	S-7930	866911	31-Mar-92	5226883	13-Jul-93
US	S-7874-1-C	819300	9-Jan-92	5236004	17-Aug-93
US	S-7884	706916	29-May-91	5236604	17-Aug-93
US	S-7806-1-N	976705	16-Nov-92	5242389	7-Sep-93
US	S-7902	774014	8-Oct-91	5250027	5-Oct-93
US	S-7820	678639	1-Apr-91	5256155	26-Oct-93

Ctry	Doc Number	Serial Number	Filing Date	Patent Number	Issue Date
US	S-7908	943850	11-Sep-92	5269755	14-Dec-93
US	S-7884-1-C	808312	16-Dec-91	5269927	14-Dec-93
US	S-7903	909932	7-Jul-92	5273523	28-Dec-93
US	S-7663-1-N	960225	13-Oct-92	5279549	18-Jan-94
US	S-7944	064885	19-Jan-93	5282822	1-Feb-94
US	S-7989-6-D	867874	13-Apr-92	5293862	15-Mar-94
US	S-7990-1-C	842129	12-Mar-92	5293877	15-Mar-94
US	S-7934-1-C	002298	8-Jan-93	5304192	19-Apr-94
US	S-7999	962756	19-Oct-92	5309902	10-May-94
US	S-7615-9-N	002309	8-Jan-93	5312370	17-May-94
US	S-7869	902184	22-Jun-92	5314416	24-May-94
US	S-7957	105823	9-Aug-93	5320328	14-Jun-94
US	S-7904	932149	19-Aug-92	5322514	21-Jun-94
US	S-7934	960074	13-Oct-92	5324302	28-Jun-94
US	S-7838-1-N	022824	24-Feb-93	5330449	19-Jul-94
US	S-7922-1-D	081722	23-Jun-93	5333606	2-Aug-94
US	S-8003	962755	19-Oct-92	5333607	2-Aug-94
US	S-7954	954182	30-Sep-92	5333608	2-Aug-94
US	S-7915	943082	10-Sep-92	5335655	9-Aug-94
US	S-7856-1-N	145719	29-Oct-93	5337215	9-Aug-94
US	S-8002	962757	19-Oct-92	5337780	16-Aug-94
US	S-7975	006300	19-Jan-93	5342011	30-Aug-94
US	S-7922-2-N	098013	27-Jul-93	5343857	6-Sep-94
US	S-7820-1-C	861672	1-Apr-92	5346466	13-Sep-94
US	S-7880	016924	11-Feb-93	5354518	11-Oct-94
US	S-8003-1-C	080276	21-Jun-93	5357946	25-Oct-94
US	S-7933	914663	15-Jul-92	5360418	1-Nov-94
US	S-7915-1-D	168738	15-Dec-93	5377672	3-Jan-95
US	S-7912	911599	10-Jul-92	5380301	10-Jan-95
US	S-7980	138529	15-Oct-93	5393113	28-Feb-95
US	S-7920	829805	31-Jan-92	5395339	7-Mar-95
US	S-7985	942548	9-Sep-92	5397298	14-Mar-95
US	S-8062	180169	11-Jan-94	5397334	14-Mar-95
US	S-7615-10-	183082	18-Jan-94	5403287	4-Apr-95
US	S-7820-2-C	970323	2-Nov-92	5415641	16-May-95
US	S-7881	923191	31-Jul-92	5431637	11-Jul-95
US	S-8057	129917	30-Sep-93	5433195	18-Jul-95
US	S-7448	255288	8-Jun-94	5441759	15-Aug-95
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US	S-8086	230557	21-Apr-94	5443453	22-Aug-95
US	S-8102	230551	21-Apr-94	5445141	29-Aug-95
US	S-7884-2-D	115403	1-Sep-93	5454958	3-Oct-95
US	S-8076	178953	7-Jan-94	5506015	9-Apr-96
US	S-8080	316144	30-Sep-94	5507300	16-Apr-96
US	S-7989-11-	299814	1-Sep-94	5516010	14-May-96
US	S-7615-12-	374263	18-Jan-95	5522812	4-Jun-96
US	S-7883	111350	24-Aug-93	5527007	18-Jun-96

Ctry	Doc Number	Serial Number	Filing Date	Patent Number	Issue Date
US	S-7899	362704	22-Dec-94	5531695	2-Jul-96
US	S-8061	179864	11-Jan-94	5545174	13-Aug-96
US	S-8095	321000	11-Oct-94	5554127	10-Sep-96
US	S-7967-1-N	439610	12-May-95	5565064	9-Sep-97
US	S-8066	352328	8-Dec-94	5582161	10-Dec-96
US	S-8087	345086	28-Nov-94	5584671	17-Dec-96
US	S-7947	359486	20-Dec-94	5601541	11-Feb-97
US	S-8101	230983	21-Apr-94	5628306	13-May-97
US	S-7921	035946	17-Mar-93	5637103	10-Jun-97
US	S-8087-1-N	08/481592	7-Jun-95	5649810	22-Jul-97
US	S-8079	08/366152	29-Dec-94	5664594	9-Sep-97
US	S-7961	090098	6-Jul-94	5672158	30-Sep-97
US	S-7989-14-	608223	28-Feb-96	5707343	13-Jan-98
US	S-8088	360499	21-Dec-94	5711294	27-Jan-98
US	S-8076-2-N	08/818025	14-Mar-97	5718859	17-Feb-98
US	S-7969-1-D	08/439019	11-May-95	5736098	7-Apr-98
US	S-7999-2-N	479239	7-Jun-95	5738091	14-Apr-98
US	S-8090	481237	7-Jun-95	5743894	28-Apr-98
US	S-7912-1-D	201591	25-Feb-94	5830401	3-Nov-98
US	S-7582-3-R	103703	30-Sep-87	B1 4913703	16-Jun-92
US	S-5022	803899	6-Jun-77	DES 252823	4-Aug-79
US	S-5023	816903	18-Jul-77	DES 252824	4-Sep-79
US	S-7508	885561	17-Jul-86	DES 302206	11-Jul-89
US	S-7732-5-C	689597	19-Apr-91	DES 342231	14-Dec-93
US	S-7732-8-C	764402	23-Sep-91	DES 347472	31-May-94
US	S-8086-1-C	039731	5-Jun-95	DES 379492	27-May-97
VE	S-7085	170-88	3-Feb-88	50735	3-Feb-88
WO	S-7615-2-C	9102579	15-Apr-91		
WO	S-7615-3-C	9201264	27-Feb-92		
WO	S-7858	1114	11-Feb-92		
WO	S-7890	7483	9-Sep-92		
WO	S-7920	9300342	28-Jan-93		
WO	S-7922	9303302	21-Apr-93		
WO	S-7954	9309250	29-Sep-93		
WO	S-7961	9300437	5-Jan-93		
WO	S-8099	97/15998	10-Sep-97		
WO	S-8109	PCT/US97/1586	9-Sep-97		
WO	S-8159-000	PCT/US07/0438	19-Mar-97		
WO	S-8184-000	PCT/US96/0979	7-Jun-96		
WO	S-8193				
WO	S-8242-000	PCT/IB98/0152	13-Aug-98		
WO	S-8250-000	PCT/US98/0258	12-Feb-98		
WO	S-8276-000	PCT/US98/0311	19-Feb-98		
WO	S-8294-000				
WO	S-8300-000	PCT/US97/0488	26-Mar-97		
WO	S-8325				
WO	S-8332-000				