

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GRC International, Inc.	06/27/1997
RECEIVING PARTY DATA	
Name:	SOTAS, Inc.
Street Address:	2 Research Place
City:	Rockville
State/Country:	MARYLAND
Postal Code:	20859
PROPERTY NUMBERS Total: 2	
Property Type	Number
Patent Number:	5355238
Patent Number:	5623357
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	124256.01601; 124256.1501
NAME OF SUBMITTER:	James M. Singer, Reg. No. 41,111

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Total Attachments: 6
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PATENT ASSIGNMENT

GRC International, Inc., a Delaware corporation with its principal place of business at 1900 Gallows Road, Vienna, Virginia 22182, is the owner of the patents and patent applications identified in Schedule 1.1(c)(2).

SOTAS, Inc., a Virginia corporation with its principal place of business at 2 Research Place, Rockville, Maryland 20859, desires to acquire these patents and patent applications, for the consideration set forth in, and subject to the terms and conditions of, an Asset Purchase Agreement executed by the parties on June 27, 1997.

NOW, THEREFORE, in consideration of the foregoing and for other good and valuable consideration, receipt of which is hereby acknowledged, GRC International, Inc. assigns to SOTAS, Inc. all its right, title, and interest in and to the patents and patent applications identified in Schedule 1.1(c)(2), subject to the continuing satisfaction of the terms and conditions set forth in the Asset Purchase Agreement.

GRC INTERNATIONAL, INC.

Dated: 6-27-97

By: TE McCabe
Thomas E. McCabe, Esq.
Senior Vice President,
General Counsel and Secretary

ATTY. DKT. NO	SUBJ. MATTER TITLE	OWNER	INVENTORS/ APPLICANTS	SER. NO./ FILING DATE: USPN. ISSUED
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PATENTS

OSU

2319.0024 (FHFG&D)	<u>U.S.</u> Patent for OSU [®] (Method and Apparatus for the Monitoring and Demarcation of Synchronous Optical Networks)	GRC International, Inc.	Kight, William D. Pfister, Robert E.	Ser. 08/108,338 filed 8/18/93 USPN 5,355,238 issued 10/11/94
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2319.0024 -00234 (FHFG&D)	<u>N. Zealand</u> Pat. for OSU [®] (Method and Apparatus for the Monitoring and Demarcation of Synchronous Optical Networks)	GRC International, Inc.	Kight, William D. Pfister, Robert E.	No. 268496 filed 2/12/96 (Corresponds to Ser. 08/108,338)
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OSU Continuation-in-Part (CIP)

2319.0036 -00000 (FHFG&D)	<u>U.S.</u> Patent for OSU [®] (Method and Apparatus for the Monitoring and Demarcation of Synchronous Digital Hierarchy Networks [SDH])	GRC International, Inc.	Kight, William D. Pfister, Robert E.	Ser. 08/475,529 filed 6/7/95 USPN 5,623,357 issued 4/22/97 (Corresponds to Ser. 08/108,338)
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ATTY
D^T NO

SUBJ. MATTER TITLE

OWNER

INVENTORS/
APPLICANTS

SER. NO. /
FILING DATE:
USPN: ISSUED

Schedule 1.1(c)(2)

PENDING PATENT APPLICATIONS

OSU

2319 0024
F01G
F00
(FHFG &D)
Australia Patent Appl. for OSU[®] GRC International, Inc. Kight, William D.
(Method and Apparatus for the filed 3/20/96
Monitoring and Demarcation of (Corresponds to
Synchronous Optical Networks) Ser. 08/108,338)

2319 0024
F01G
F00
(FHFG &D)
Brazil Patent Appl. for OSU[®] GRC International, Inc. Kight, William D.
(Method and Apparatus for the filed 3/20/96
Monitoring and Demarcation of (Corresponds to
Synchronous Optical Networks) Ser. 08/108,338)

2319 0024
F01G
F00
(FHFG &D)
Canada Patent Appl. for OSU[®] GRC International, Inc. Kight, William D.
(Method and Apparatus for the filed 6/10/94
Monitoring and Demarcation of (Corresponds to
Synchronous Optical Networks) Ser. 08/108,338)

2319 0024
F01G
F00
(FHFG &D)
China Patent Appl. for OSU[®] GRC International, Inc. Kight, William D.
(Method and Apparatus for the filed 3/20/96
Monitoring and Demarcation of (Corresponds to
Synchronous Optical Networks) Ser. 08/108,338)

2319 0024
F01G
F00
(FHFG &D)
EPO Patent Appl. for OSU[®] GRC International, Inc. Kight, William D.
(Method and Apparatus for the filed 2/16/96
Monitoring and Demarcation of (Corresponds to
Synchronous Optical Networks) Ser. 08/108,338)

2319 0024
F01G
F00
(FHFG &D)
Finland Patent Appl. for OSU[®] GRC International, Inc. Kight, William D.
(Method and Apparatus for the filed 2/16/96
Monitoring and Demarcation of (Corresponds to
Synchronous Optical Networks) Ser. 08/108,338)

PATENT

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ATTY. _____
 DKT. NO. _____ SUBJ. MATTER TITLE _____ OWNER _____ INVENTORS/
 APPLICANTS _____ SER. NO. /
 FILING DATE: _____
 USPN: ISSUED _____

PENDING PATENT APPLICATIONS

2319.0024 **Gr Br (UK)** Pat. Appl. for OSU* GRC International, Inc. Kight, William D. Appl. #9503534.1
 -00164 (Method and Apparatus for the Pfister, Robert E. filed 2/21/95
 (FHFG&D) Monitoring and Demarcation of Synchronous Optical Networks) (Corresponds to PCT/US94/06632)

2319.0024 **Japan** Patent Appl. for OSU* GRC International, Inc. Kight, William D.
 -00195 (Method and Apparatus for the Pfister, Robert E.
 (FHFG&D) Monitoring and Demarcation of Synchronous Optical Networks) (Corresponds to Ser. 08/108,338)

2319.0024 **Kenya** Patent Appl. for OSU* GRC International, Inc. Kight, William D.
 -00196 (Method and Apparatus for the Pfister, Robert E.
 (FHFG&D) Monitoring and Demarcation of Synchronous Optical Networks) (Corresponds to Ser. 08/108,338)

2319.0024 **Korea (S)** Pat. Appl. for OSU* GRC International, Inc. Kight, William D.
 -00202 (Method and Apparatus for the Pfister, Robert E.
 (FHFG&D) Monitoring and Demarcation of Synchronous Optical Networks) (Corresponds to Ser. 08/108,338)

2319.0024 **Norway** Patent Appl. for OSU* GRC International, Inc. Kight, William D.
 -00231 (Method and Apparatus for the Pfister, Robert E.
 (FHFG&D) Monitoring and Demarcation of Synchronous Optical Networks) (Corresponds to Ser. 08/108,338)

2319.0024 **Poland** Patent Appl. for OSU* GRC International, Inc. Kight, William D.
 -00243 (Method and Apparatus for the Pfister, Robert E.
 (FHFG&D) Monitoring and Demarcation of Synchronous Optical Networks) (Corresponds to Ser. 08/108,338)

2319.0024 **Russian F.** Pat. Appl. for OSU* GRC International, Inc. Kight, William D.
 -00266 (Method and Apparatus for the Pfister, Robert E.

ATTY. _____
 DKT. NO. _____ SUBJ. MATTER TITLE _____ OWNER _____ INVENTORS/
 APPLICANTS _____ SER. NO./
 FILING DATE:
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PENDING PATENT APPLICATIONS

(FHFG&D)	Monitoring and Demarcation of Synchronous Optical Networks				(Corresponds to Ser. 08/108,338)
2319.0024 -00256 (FHFG&D)	<u>Singapore</u> Pat. Appl. for OSU* (Method and Apparatus for the Monitoring and Demarcation of Synchronous Optical Networks)	GRC International, Inc.	Kight, William D. Pisler, Robert E.	Appl. #9607650.0 filed 4/13/96 (Corresponds to Ser. 08/108,338)	
2319.0024 -00270 (FHFG&D)	<u>Taiwan</u> Patent Appl. for OSU* (Method and Apparatus for the Monitoring and Demarcation of Synchronous Optical Networks)	GRC International, Inc.	Kight, William D. Pisler, Robert E.	Appl. #83106006 filed 7/1/94 (Corresponds to Ser. 08/108,338)	
2319.0024 -00293 (FHFG&D)	<u>Vietnam</u> Patent Appl. for OSU* (Method and Apparatus for the Monitoring and Demarcation of Synchronous Optical Networks)	GRC International, Inc.	Kight, William D. Pisler, Robert E.	Appl. #S-1862/96 filed 3/15/96 (Corresponds to Ser. 08/108,338)	
2319.0024 -00304 (FHFG&D)	<u>PCT</u> Patent Appl. for OSU* (Method and Apparatus for the Monitoring and Demarcation of Synchronous Optical Networks)	GRC International, Inc.	Kight, William D. Pisler, Robert E.	PCT 94/06632 filed 6/10/94 (Corresponds to Ser. 08/108,338)	

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ATTY. DKT. NO	SUBJ. MATTER TITLE	OWNER	INVENTORS/ APPLICANTS	SER. NO./ FILING DATE: USPN. ISSUED
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PENDING PATENT APPLICATIONS

OSU[®] Continuation-in-Part (CIP)

2319.0036 -00304 (FHF&D)	<i>PCT</i> Patent Appl. for OSU [®] (Method and Apparatus for the Monitoring and Demarcation of Synchronous Optical Networks)	GRC International, Inc.	Kight, William D. Pfister, Robert E.	PCT/US96/09981 filed 6/7/96 (Corresponds to Ser. 08/475,529)
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RECORDED: 08/18/2008