ٔ د	FORM PTO-1595	09-29-2	2006	U.S. DEPARTMENT OF CO	MMERCE	
9	1-31-92			Patent and Trader	mark Office	
11/2	Docket No. 05CR520/KE	103314				
ż	Name of conveying party(ies		1	nd address of receiving party(ies	s):	
	Timothy E. Snodgrass		Rockwell Collins, Inc. 400 Collins Road NE M/S 124-323 Cedar Rapids, IA 52498			
	Additional name(s) of conveying party(ies) attached?		Additional name(s) and Address(es) attached:?			
	YES X NO		☐ YES ☒ NO —			
	3. Nature of conveyance:					
	Assignment	☐ Merger	er Security Agree		greement	
	☐ Change of Name ☐ Other					
	Execution Date: September 21,	2006				
	4. Application number(s) or pat	ent number(s):				
Serial Nº Filed: September 21, 2006 Express Mail Label Nº: EV 882 791 7						
	If this document is being filed together	e of the application is: September 21, 20	006.			
	A. Patent Application No.(s)		B. Patent No.(s)			
	Addit	rional numbers attach	│ ned: □ YES	X NO		
		rional numbers attach		NO mber of applications and paten	ts	
	Addit 5. Name and address of party to correspondence concerning do	o whom		mber of applications and paten	ts	
	5. Name and address of party t	o whom	6. Total nur	mber of applications and paten	ts	
	5. Name and address of party to correspondence concerning do	o whom	6. Total nur involved:	mber of applications and paten	\$ 40.00	
	5. Name and address of party to correspondence concerning domailed:	o whom	6. Total nur involved:	mber of applications and paten ONE		
	5. Name and address of party to correspondence concerning domailed: Customer No. 26383 Rockwell Collins, Inc. Kyle Eppele 400 Collins Road, NE M/S 124-323	o whom	6. Total nur involved: 7. Total fee	mber of applications and paten ONE	\$ 40.00 charge	
	5. Name and address of party to correspondence concerning domailed: Customer No. 26383 Rockwell Collins, Inc. Kyle Eppele 400 Collins Road, NE M/S 124-323 Cedar Rapids, IA 52498	co whom ocument should be	6. Total nur involved: 7. Total fee	onne (37 CFR 3.41) nomissioner is hereby authorized to atton fee to deposit account 19	\$ 40.00 charge	
	5. Name and address of party to correspondence concerning domailed: Customer No. 26383 Rockwell Collins, Inc. Kyle Eppele 400 Collins Road, NE M/S 124-323	co whom ocument should be	6. Total nur involved:7. Total feeX The Conthe records (Attach duplicate)	onne (37 CFR 3.41) nomissioner is hereby authorized to atton fee to deposit account 19	\$ 40.00 charge	
	5. Name and address of party to correspondence concerning domailed: Customer No. 26383 Rockwell Collins, Inc. Kyle Eppele 400 Collins Road, NE M/S 124-323 Cedar Rapids, IA 52498 72006 DBYRNE 00000204 194882 11525	co whom ocument should be	6. Total nur involved:7. Total feeX The Conthe records (Attach duplicate)	onne (37 CFR 3.41) nomissioner is hereby authorized to atton fee to deposit account 19	\$ 40.00 charge	
	5. Name and address of party to correspondence concerning domailed: Customer No. 26383 Rockwell Collins, Inc. Kyle Eppele 400 Collins Road, NE M/S 124-323 Cedar Rapids, IA 52498 72006 DBYRNE 00000204 194882 11525 1:8021 40.00 DA	powhom pocument should be DO NOT US	6. Total nur involved: 7. Total fee The Conthe record (Attach duplicate) E THIS SPACE	one (37 CFR 3.41) missioner is hereby authorized to ation fee to deposit account 19 copy of this page if paying by deposit account).	\$ 40.00 charge -4882.	
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A La Reg. Nº 58,370

DATE: September 21, 2006

Total number of pages including cover sheet: **TWO (2)**

PATENT REEL: 018345 FRAME: 0887

ASSIGNMENT OF INVENTION

WHEREAS, Timothy E. Snodgrass, of Palo, County of Link, and State of Iowa
hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in
SYSTEM AND METHOD FOR PRE-PROCESSING TRANSMISSION
SEQUENCES IN A JAMMED ENVIRONMENT
which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under
Docket No. 05CR520/KE, in the patent files of the inventor's employer, ROCKWELL COLLINS, INC., and
which invention is covered by a patent application, executed and filed concurrently herewith.
To the second of the Commend and individual consideration, the magning and sufficiency of subject assets

It is now agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said inventor has sold, assigned and transferred and by these presents does sell, assign and transfer unto ROCKWELL COLLINS, INC., the entire right, title and interest in and to said invention in and to said application, for the territory of the United States of America and for all foreign countries; said invention and application to be held and enjoyed by the said ROCKWELL COLLINS, INC., for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same will be granted, as fully and entirely as the same would have been held by said inventor had this Assignment and sale not been made.

FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Exec	suted at Cedite Rigids	, County of	and State of	
IOWA	this $2/$ day of 5	stember. 20_		
		, 0		
		Timothy E	E. Smilezus.	
State of County of	LINN)			

On this 21 day of September. 2006, before me personally appeared Timothy E. Snodgrass to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

3)4/2

(Seal)

RECORDED: 09/21/2006

Commission Number: 195344

PATENT REEL: 018345 FRAME: 0888