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Heung-Seob SO	Name: CORENET, INC.
	Address: 239 Yangpyeong-dong 4-ga, Yeongdeungpo-gu, Seoul 150-867, Republic of Korea
Additional name(s) of conveying party(ies) attached? ☐ Yes ⊠ N	
3. Nature of Conveyance: MRD 12/2/02	1350
	30.
☐ Security Agreement ☐ Change of Name ☐ Other	10/115
Execution Date: November 15, 2002	Additional name(s) and address(es) attached? □Yes ⊠No
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: November 15, 2002
A. Patent Application No.(s)	B. Patent No.(s)
10307350 Additional numbers attack	ched? □ Yes ☒ No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1
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PATENT REEL: 013540 FRAME: 0429

	WHEREAS, I (WE) SO, Heung Seob, a citizen of Republic of Korea, residing at Mokdong Apt. 5-Danji				
INSERT NAMES	527-101, Mok 5-dong, Yangcheon-gu, Seoul 158-753, Republic of Korea				
AND RESIDENCE					
ADDRESSES OF THE INVENTORS:					
	·				
	, respectivel	 v.			
INSERT TITLE OF INVENTION:	have invented certain new and useful improvements in : <u>TAP-OFF CAPABLE OF EASILY EXTENDIN</u>				
	HYBRID FIBER COAXIAL (HFC) NETWORK	_			
INSERT DATE IN- VENTORS SIGNED	for which an application for Letters Patent was executed on November 15, 2002				
DECLARATION:	(Application No	nd			
INSERT NAME AND ADDRESS OF	WHEREAS, CORENET, INC.				
COMPANY OR OTHER	(hereinafter referred to as "ASSIGNEE") having a place of business at : 239 Yangpyeong-dong 4-ga,				
ASSIGNEE:	Yeongdeungpo-gu, Seoul 150-867, Republic of Korea	,			
	is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Lette				

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS(\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I(WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may by granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues continuations, substitutions and renewals thereof.

PATENT REEL: 013540 FRAME: 0430 I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me(us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its(his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McCelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: November 15, 2002	So Henry-Seob	
	(Signature of invention) SO, Heung Seob	
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	(Signature of invention)	
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	(Signature of invention)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

PATENT RECORDED: 12/02/2002 REEL: 013540 FRAME: 0431