09/180236

63 Rec a PCT/PTO u4 NOV 1998

MRD 11.4.98

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Francis LEDYS et al.

Serial No.: New Application

For: MUZZLE BRAKE FOR GUN BARREL

Filed: November 4, 1998

06-03-1999

101023298

ASSIGNMENT TRANSMITTAL LETTER

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

Please record the attached Assignment in the name of the assignor and the assignee as indicated below and return the original document to the undersigned.

1. Name of Conveying Party(ies):

Francis LEDYS and Jacques BACHELIER.

2. Name and Address of Receiving Party(ies):

> GIAT INDUSTRIES 13, route de la Miniere 78000 Versailles, FRANCE.

- з. Execution Date of Assignment: October 19, 1998.
- 4. If this Assignment is being filed together with a new application, the execution date of the application is: October 19, 1998.

0/1998 UCLAYERS 00000035 09180R36

2 FC:581

PATENT **REEL: 9830 FRAME: 0959** 5. Total number of applications and patents involved: 1.

All correspondence should be addressed to:

Roger W. Parkhurst PARKHURST & WENDEL, L.L.P. Suite 210 1421 Prince Street Alexandria, VA 22314-2805.

The Assignment recordation fee (\$40.00) is covered by our attached Check Number |096|.

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. Total number of pages including cover sheet, attachments and document 3.

If there should be any questions concerning the amount of the fee or should our check become detached, please debit or credit our Deposit Account Number 16-0331 as needed in order to effect proper filing of the attached document.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.

Date

Attorney Docket No. CELA: 025

NN 4, 1958

PARKHURST & WENDEL, L.L.P. 1421 Prince Street, Suite 210 Alexandria, Virginia 22314-2805 Telephone: (703) 739-0220

(rev. 10/97)

Roger W. Parkhurst Registration No. 25,177

- 2 -

ASSIGNMENT

(1-8)	_	(2) Jacques BACHELIER (6)	
1-0)	Insert Name (s) of Inventor (s)	(2)(6)	
(0 /		(3)(7)	
		(4)(8)	
		In consideration of the sum of one dollar (\$1.00) and other go	
		valuable considerations paid to each of the undersigned, the undagree(s) to assign, and hereby does assign, transfer and set over to	ersigned
9)	insert name of Assignee	(9) Giat Industries	
10)		• (10) of 13 route de la Minière - 78000 VERSATLIES (Franc	e)
		(hereinafter designated as the Assignee) the entire right, title and int the United States, its territories, dependencies and possessions, in vention, and all applications for patent and any Letters Patent which granted therefor, known as	the in-
(11)	insert identification of invention, such as Title, Case Number or Foreign Application Number	(11) Muzzle brake for gun barrel	
		(Case No. CELA:	025_)
		for which the undersigned has (have) executed an application for pathe United States of America	
12)	insert Date of Signing of Application	(12) on October 19, 1998	
13)	Alternative identification	(13) U.S. application Serial Number	
(13)	for filed applications	filed November 4, 1998	
9	The medemioned come(a) to	and going forward with such interference. Dexecute all papers and documents and perform any act which may be a ns of the International Convention for Protection of Industrial Property	necessary or similar
n consigreer	The undersigned agree(s) to nection with claims or provision nents. The undersigned agree(s) to	execute all papers and documents and perform any act which may be in of the International Convention for Protection of Industrial Property of perform all affirmative acts which may be necessary to obtain a grant of	or similar
3 n consigneer 4 United 5 Patenti hereo con agreer	The undersigned agree(s) to nection with claims or provision nents. The undersigned agree(s) to States patent to the Assignee The undersigned hereby aution of the United States resulting to the said Assignee, as Assigney the entire interest herein nent in conflict herewith.	execute all papers and documents and perform any act which may be a not of the International Convention for Protection of Industrial Property of perform all affirmative acts which may be necessary to obtain a grant of the international Convention of Patents to issue any and a neg from said application or any division or divisions or continuing application of the entire interest, and hereby covenants that he has (they have) assigned, and that he has (they have) not executed and will not executed.	or similar of a valid il Letters olications full right cute, any
3 in considered with the considered considered consistent (a) assign States	The undersigned agree(s) to nection with claims or provision tents. The undersigned agree(s) to states patent to the Assignee of the United States resulting to the said Assignee, as Assigney the entire interest herein the undersigned hereby gramment any further identification when the patent and Trademark Office recommendation with the said Assignee, as Assigney the entire interest herein the undersigned hereby gramment any further identification when the said Trademark Office recommendation and Trademark Office recommendation.	execute all papers and documents and perform any act which may be a not of the International Convention for Protection of Industrial Property of perform all affirmative acts which may be necessary to obtain a grant of the international Convention for Protection of Industrial Property of the perform all affirmative acts which may be necessary to obtain a grant of the contract of patents to issue any and a neg from said application or any division or divisions or continuing application of the entire interest, and hereby covenants that he has (they have) assigned, and that he has (they have) not executed and will not executely the firm of PARKHURST, WENDEL the power to insolve the protection of this document.	or similar of a valid ll Letters olications full right cute, any
n coningreen 4 United 5 Patent thereo con agreen 6) assign States	The undersigned agree(s) to nection with claims or provision tents. The undersigned agree(s) to states patent to the Assignee of the United States resulting to the said Assignee, as Assigney the entire interest herein the undersigned hereby gramment any further identification when the patent and Trademark Office recommendation with the said Assignee, as Assigney the entire interest herein the undersigned hereby gramment any further identification when the said Trademark Office recommendation and Trademark Office recommendation.	execute all papers and documents and perform any act which may be a not of the International Convention for Protection of Industrial Property of perform all affirmative acts which may be necessary to obtain a grant of the international Convention for Protection of Industrial Property of the perform all affirmative acts which may be necessary to obtain a grant of the internation of any division or divisions or continuing apprince of the entire interest, and hereby covenants that he has (they have) assigned, and that he has (they have) not executed and will not executely the firm of PARKHURST, WENDEL the power to insolve the internation of this document. The protection of the date(s) opposite the undersigned name(s).	of a valid Il Letters blications full right cute, any ert on this he United
3 con green 4 Juited 5 con con green 6) assign States In	The undersigned agree(s) to nection with claims or provision tents. The undersigned agree(s) to states patent to the Assignee of the United States resulting to the said Assignee, as Assigney the entire interest herein the undersigned hereby gramment any further identification when the patent and Trademark Office recommendation with the said Assignee, as Assigney the entire interest herein the undersigned hereby gramment any further identification when the said Trademark Office recommendation and Trademark Office recommendation.	execute all papers and documents and perform any act which may be a no of the International Convention for Protection of Industrial Property of the International Convention for Protection of Industrial Property of the perform all affirmative acts which may be necessary to obtain a grant of the convention of the Commissioner of Patents to issue any and a neg from said application or any division or divisions or continuing application of the entire interest, and hereby covenants that he has (they have) assigned, and that he has (they have) not executed and will not executely the firm of PARKHURST, WENDEL the power to instantic may be necessary or desirable in order to comply with the rules of the cordation of this document. The provided in the date of the content of the content of the cordation of this document.	of a valid Il Letters blications full right cute, any ert on this he United
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	The undersigned agree(s) to nection with claims or provision ments. The undersigned agree(s) to States patent to the Assignee of the United States resulting to the said Assignee, as Assigney the entire interest herein ment in conflict herewith. The undersigned hereby gramment any further identification we patent and Trademark Office recomments whereof, executed by the patent and the patent a	execute all papers and documents and perform any act which may be a not of the International Convention for Protection of Industrial Property of perform all affirmative acts which may be necessary to obtain a grant of the international Convention for Protection of Industrial Property of the perform all affirmative acts which may be necessary to obtain a grant of the internation of any division or divisions or continuing apprince of the entire interest, and hereby covenants that he has (they have) assigned, and that he has (they have) not executed and will not executely the firm of PARKHURST, WENDEL the power to insolve the internation of this document. The protection of the date(s) opposite the undersigned name(s).	of a valid If Letters blications full right cute, any art on this he United (SEAL)
3 in compared to the compared	The undersigned agree(s) to nection with claims or provision ments. The undersigned agree(s) to States patent to the Assignee of the United States resulting to the said Assignee, as Assigney the entire interest herein ment in conflict herewith. The undersigned hereby gramment any further identification we patent and Trademark Office recurs witness whereof, executed by Oct. 19, 1998 Name of Oct. 19, 1998	execute all papers and documents and perform any act which may be a not of the International Convention for Protection of Industrial Property of perform all affirmative acts which may be necessary to obtain a grant of the international Convention for Protection of Industrial Property of the perform all affirmative acts which may be necessary to obtain a grant of the interior interest, and hereby covenants to issue any and a nee of the entire interest, and hereby covenants that he has (they have) assigned, and that he has (they have) not executed and will not executely the firm of PARKHURST, WENDEL the power to insolve which may be necessary or desirable in order to comply with the rules of the cordation of this document. If inventor Lagrant	of a valid If Letters blications full right cute, any art on this he United (SEAL)
3 in compared to the compared	The undersigned agree(s) to nection with claims or provision ments. The undersigned agree(s) to states patent to the Assignee of the United States resulting to the said Assignee, as Assigney the entire interest herein ment in conflict herewith. The undersigned hereby gramment any further identification was patent and Trademark Office recommendation of the undersigned hereby gramment any further identification was patent and Trademark Office recommendation of the undersigned hereby gramment any further identification was patent and Trademark Office recommendation of the undersigned hereby gramment any further identification was patent and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and Trademark Office recommendation of the undersigned hereby gramment and the undersig	execute all papers and documents and perform any act which may be a not of the International Convention for Protection of Industrial Property of perform all affirmative acts which may be necessary to obtain a grant of the perform all affirmative acts which may be necessary to obtain a grant of the perform all affirmative acts which may be necessary to obtain a grant of the perform all affirmative acts which may be necessary or any division or divisions or continuing apprince of the entire interest, and hereby covenants that he has (they have) assigned, and that he has (they have) not executed and will not executely the firm of PARKHURST, WENDEL the power to insolve which may be necessary or desirable in order to comply with the rules of the condition of this document. If inventor Francis BACHELIER	of a valid Il Letters olications full right cute, any ort on this he United (SEAL) (SEAL)
3 in compared to the compared	The undersigned agree(s) to nection with claims or provision ments. The undersigned agree(s) to states patent to the Assignee of the United States resulting to the said Assignee, as Assigney the entire interest herein ment in conflict herewith. The undersigned hereby gramment any further identification was patent and Trademark Office recommendates whereof, executed by the conflict of the witness whereof, executed by the conflict of the conflict of the witness whereof, executed by the conflict of the con	execute all papers and documents and perform any act which may be a not of the International Convention for Protection of Industrial Property of perform all affirmative acts which may be necessary to obtain a grant of the perform all affirmative acts which may be necessary to obtain a grant of the perform all affirmative acts which may be necessary to obtain a grant of the perform all affirmative acts which may be necessary or division or divisions or continuing apprinted of the entire interest, and hereby covenants that he has (they have) assigned, and that he has (they have) not executed and will not executely the firm of PARKHURST, WENDEL the power to insorb which may be necessary or desirable in order to comply with the rules of the cordation of this document. If the undersigned on the date(s) opposite the undersigned name(s). If inventor	of a valid If Letters oblications full right cute, any of the United (SEAL) (SEAL) (SEAL)
3 in compared to the compared	The undersigned agree(s) to nection with claims or provision ments. The undersigned agree(s) to states patent to the Assignee of the United States resulting to the said Assignee, as Assigney the entire interest herein ment in conflict herewith. The undersigned hereby gramment any further identification we patent and Trademark Office recurs witness whereof, executed by Oct. 19, 1998 Name of Na	execute all papers and documents and perform any act which may be a soft the International Convention for Protection of Industrial Property of perform all affirmative acts which may be necessary to obtain a grant of the control of	of a valid Il Letters blications full right cute, any ent on this he United (SEAL) (SEAL) (SEAL) (SEAL)
33'n comingrees 4 United 5 Patentihereo to com agrees assign States Li Date Date Date Date Date	The undersigned agree(s) to nection with claims or provision ments. The undersigned agree(s) to states patent to the Assignee of the United States resulting to the said Assignee, as Assigney the entire interest herein ment in conflict herewith. The undersigned hereby gramment any further identification we patent and Trademark Office recommendation with the said Assignee.	execute all papers and documents and perform any act which may be as of the International Convention for Protection of Industrial Property of the International Convention for Protection of Industrial Property of the International Convention for Protection of Industrial Property of the International Convention for Protection of Industrial Property of the International Convention for Protection of Inventor Description of Papers Protection of Patents to issue any and a page from said application or any divisions or continuing application of the entire interest, and hereby covenants that he has (they have) assigned, and that he has (they have) not executed and will not executed and that he has (they have) not executed and will not executed and will not executed and will not executed the power to inservation of this document. If the undersigned on the date(s) opposite the undersigned name(s). If inventor	of a valid Il Letters blications full right full right full on this he United (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL)
3 in comagneer 4 United 5 Patenthereo to con agreer 6) assign States In Date Date Date Date Date Date Date Date	The undersigned agree(s) to nection with claims or provision ments. The undersigned agree(s) to states patent to the Assignee of the United States resulting to the said Assignee, as Assigney the entire interest herein ment in conflict herewith. The undersigned hereby grantent any further identification was patent and Trademark Office recommendates whereof, executed by Oct. 19, 1998 Name of Nam	percente all papers and documents and perform any act which may be any of the International Convention for Protection of Industrial Property of the International Convention for Protection of Industrial Property of the International Convention for Protection of Industrial Property of the International Convention for Protection of Industrial Property of Inventor of the International Convention for Protection of Industrial Property of Inventor of Inventor of Inventor of Inventor of Inventor	of a valid If Letters objections full right coute, any out on this he United (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL)
33 in coming recent 4. United Seaten hereo o con ingrees 6) assign States In Date Date Date Date Date Date Date Date	The undersigned agree(s) to nection with claims or provision ments. The undersigned agree(s) to states patent to the Assignee of the United States resulting to the said Assignee, as Assigney the entire interest herein ment in conflict herewith. The undersigned hereby grantent any further identification was patent and Trademark Office recommendates whereof, executed by Oct. 19, 1998 Name of Nam	percente all papers and documents and perform any act which may be a not of the International Convention for Protection of Industrial Property of the International Convention for Protection of Industrial Property of the perform all affirmative acts which may be necessary to obtain a grant of the convention of any division or divisions or continuing apprince of the entire interest, and hereby covenants that he has (they have) assigned, and that he has (they have) not executed and will not execute(s) the firm of PARKHURST, WENDEL the power to insolve which may be necessary or desirable in order to comply with the rules of the condition of this document. If inventor	of a valid If Letters objections full right coute, any out on this he United (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL)

RECORDED: 11/04/1998 / REEL: 9830 FRAME: 0961