Maarten Floris de Wilde



Sharing the Pie

Taxing Multinationals in a Global Market



Sharing the Pie: Taxing Multinationals in a Global Market

Why this book?

Winner Johannes Cornelis Ruigrok Prize 2016 (Royal Dutch Society of the Sciences), Dissertation Prize 2016 (Dutch Association for Tax Sciences) and Erasmus Graduate School of Law Dissertation prize 2015.

What is the problem in corporate taxation? It is broader than any one country or company. Today's tax regime passed its sell-by date long ago. In the 1920s – when international business primarily revolved around bulk trade and bricks-and-mortar industries – levying a percentage of a company's profit in the way we still do today made sense. Businesses tended to be close to their customers and had a strong local physical presence. Today's markets, however, operate in a different reality. Companies now structure business on a regional – or even global – basis, while the Internet means physical presences are no longer necessary to service national markets. Globalization and internationalization have broadened the gap between tax and market reality. Taxation now influences business processes. Countries distort business decisions by not treating cross-border activities on a par with domestic equivalents. The lack of an internationally coordinated approach gives rise to double (non-)taxation issues.

Governments seem to be on the case, but what they're proposing doesn't suffice. Adhering to old status quos, the G20/OECD's BEPS initiative and recent EU measures like the ATAD focus on the symptoms of an ill-designed model rather than dealing with underlying root causes. Imagine designing a fair system from scratch – a "corporate tax 2.0". *Sharing the Pie* assesses issues in contemporary corporate taxation to arrive at an optimal alternative: *Tax Payable by Firm A in Country X* = *Tax Rate* * *Firm A's Worldwide Rents* * (*Domestic Sales / Worldwide Sales*).

The book is based on Dr de Wilde's PhD thesis, which was defended at Erasmus University Rotterdam on 15 January 2015 (cum laude). It has been updated to take into consideration recent developments in international company taxation (BEPS).

Title:	Sharing the Pie: Taxing Multinationals in a Global Market
Author(s):	Maarten Floris de Wilde
Date of publication:	May/June 2017
ISBN:	978-90-8722-415-8 (print/online), 978-90-8722-416-5 (eBook)
Type of publication:	Book
Number of pages:	798
Terms:	Shipping fees apply. Shipping information is available on our website
Price (print/online):	EUR 125 / USD 135 (VAT excl.)
Price (eBook):	EUR 100 / USD 108 (VAT excl.)

Order information

To order the book, please visit www.ibfd.org/IBFD-Products/shop. You can purchase a copy of the book by means of your credit card, or on the basis of an invoice. Our books encompass a wide variety of topics, and are available in one or more of the following formats:

- IBFD Print books
- IBFD eBooks downloadable on a variety of electronic devices
- · IBFD Online books accessible online through the IBFD Tax Research Platform



IBFD

Visitors' address: Rietlandpark 301 1019 DW Amsterdam The Netherlands

Postal address: P.O. Box 20237 1000 HE Amsterdam The Netherlands

Telephone: 31-20-554 0100 Fax: 31-20-622 8658 www.ibfd.org

© 2017 IBFD

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the written prior permission of the publisher. Applications for permission to reproduce all or part of this publication should be directed to: permissions@ibfd.org.

Disclaimer

This publication has been carefully compiled by IBFD and/or its author, but no representation is made or warranty given (either express or implied) as to the completeness or accuracy of the information it contains. IBFD and/or the author are not liable for the information in this publication or any decision or consequence based on the use of it. IBFD and/or the author will not be liable for any direct or consequential damages arising from the use of the information contained in this publication. However, IBFD will be liable for damages that are the result of an intentional act (*opzet*) or gross negligence (*grove schuld*) on IBFD's part. In no event shall IBFD's total liability exceed the price of the ordered product. The information contained in this publication is not intended to be an advice on any particular matter. No subscriber or other reader should act on the basis of any matter contained in this publication without considering appropriate professional advice.

Where photocopying of parts of this publication is permitted under article 16B of the 1912 Copyright Act jo. the Decree of 20 June 1974, Stb. 351, as amended by the Decree of 23 August 1985, Stb. 471, and article 17 of the 1912 Copyright Act, legally due fees must be paid to Stichting Reprorecht (P.O. Box 882, 1180 AW Amstelveen). Where the use of parts of this publication for the purpose of anthologies, readers and other compilations (article 16 of the 1912 Copyright Act) is concerned, one should address the publisher.

ISBN 978-90-8722-415-8 (print) ISBN 978-90-8722-416-5 (eBook) NUR 826

Table of Contents

Preface

xxiii

Part I Introduction: Sharing the Pie

Chapter 1:	Introduction: "Sharing the Pie"	3
1.1.	Introduction: The issue	3
1.1.1.	The territorially restricted fiscal sovereignty in an era	
	of globalization calls for an international tax regime	3
1.1.2.	The current international tax regime was developed	
	nearly a century ago	5
1.1.2.1.	The regime's purpose: Geographically locating	
	profits generated	5
1.1.2.2.	The building blocks of a typical corporate tax	6
1.1.2.3.	The success of the 1920s Compromise	14
1.1.3.	The international tax regime has become outdated	
	and flawed	15
1.1.3.1.	The international tax regime has become outdated	15
1.1.3.2.	The international tax regime has come to operate	
	arbitrarily as a consequence	16
1.1.3.3.	The international tax regime has become unfair	18
1.1.4.	The distortions categorized: "Obstacles", "disparities"	
	and "inadequacies"	20
1.1.4.1.	Distortions: The influence of taxation on corporate	
	behaviour	20
1.1.4.2.	Arbitrary allocation of tax to taxpayers: "Obstacles"	
	and "disparities"	20
1.1.4.3.	Arbitrary allocation of tax among countries:	
	"Inadequacies"	24
1.2.	The research question: "Corporate tax 2.0?"	30
	1 1	
1.3.	The approach taken to finding an answer	33
1.3.1.	Seeking a normative framework	33
1.3.2.	Part II: Chapter 2 – Some thoughts on fairness in	
	corporate taxation	36

1.3.3.	Part III: Chapter 3 – Towards a fair international tax	
	regime: Eliminating obstacles	38
1.3.4.	Part IV: Chapters 4 through 6 – Towards a fair	
	international tax regime: Eliminating disparities	
	adequately	40
1.3.4.1.	General remarks	40
1.3.4.2.	Chapter 4 – The group as a taxable entity	42
1.3.4.3.	Chapter 5 – Economic rents as taxable base	43
1.3.4.4.	Chapter 6 – In search of an allocation mechanism	44
1.3.5.	Part V: Chapter 7 – Sharing the pie: Building blocks	
	for a "corporate tax 2.0"	46
1.3.6.	Drawing from and building on earlier publications	
	by the author	46

Part II

Some Thoughts on Fairness in Corporate Taxation

Chapter 2:	Some Thoughts on Fairness in Corporate Taxation	51
2.1.	Introduction	51
2.2.	Conditions for a fair allocation of tax on business	
	income in a globalizing economy	52
2.2.1.	The allocation of corporate tax should be equitable	
	and economically efficient	52
2.2.1.1.	A corporate tax should also be fair	52
2.2.1.2.	Fairness in tax theory corresponds to the notions	
	underlying the European Union	58
2.2.2.	What does equity mean?	62
2.2.2.1.	The obligation to contribute to the financing of	
	public expenditure	62
2.2.2.2.	Inter-taxpayer equity and inter-nation equity	64
2.2.3.	What does economic efficiency mean?	72
2.2.3.1.	Tax should not affect economic decisions	72
2.2.3.2.	Neutrality in corporate taxation matches equality in	
	corporate taxation	77
2.2.3.3.	Pursuing worldwide economic efficiency	79
2.2.4.	Administrative convenience: Getting rid of the red	
	tape	80
	1 · · · · · · · · · · · · · · · · · · ·	

2.3.	Fairness requires international coordination, but	
	fiscal sovereignty	81
2.3.1.	International coordination required	81
2.3.2.	Suggestions and proposals forwarded for a corporate	
	tax 2.0 by others	83
2.3.3.	What about fiscal sovereignty	87
2.4.	Final remarks	89

Part III

Towards a Fair International Tax Regime: Eliminating Obstacles

Cha	pter 3:	Towards a Fair International Tax Regime: Eliminating Obstacles	95
	3.1.	Introduction	95
	3.2.	What standard should be required for an international tax system to be "fair"?	98
2	3.2.1.	General remarks	98
	3.2.2.	Fairness within the system: Tax competence at state	
		level, disparities as a given	99
2	3.2.3.	Equity within the international tax system of a state	100
	3.2.3.1.	The benefits principle and the ability-to-pay principle	
		within the international tax system of a state	100
3	3.2.3.2.	Equity requires that a tax border crossing has no	
		effect on the overall tax burden imposed by a state	101
	3.2.3.3.	Market equality principle in EU law requires the	
		same treatment	102
-	3.2.4.	Tax neutrality within the international tax system	102
		of a state	110
-	3.2.4.1.	Economic efficiency within the international tax	110
	.2	system of a state	110
2	3242		110
	.2.1.2.		111
2	3243	- · · ·	
			112
-	3.2.4.4.		
			116
	3.2.4.2. 3.2.4.3. 3.2.4.4.	Tax neutrality requires that a tax border crossing has no effect on the overall tax burden imposed by a state Market neutrality principle in EU law requires the same treatment Concepts of export neutrality and import neutrality both unilaterally distort	111112116

3.3.	Fairness within an international tax system:	
	Internal equity and production factor neutrality	135
3.3.1.	Tax burden should not affect residence location and	
	investment location	135
3.3.2.	Worldwide taxation in the event of a domestic nexus:	
	Double tax relief in the form of a credit for domestic	
	tax attributable to foreign income regarding a foreign	
	nexus	138
3.3.2.1.	Worldwide taxation if domestic nexus, irrespective	
	of tax place of residence	138
3.3.2.2.	Double tax relief regarding foreign nexus: credit	
	for domestic tax attributable to foreign income to	
	render investment location indifferent regarding tax	
	burden imposed	139
3.3.2.3.	Identical tax systems hypothesized at both sides of	
	the tax border to exclude disparities from the	
	analysis: Internal consistency	140
3.3.2.4.	Disregarding the effects at the other side of the tax	
	border to demonstrate the presence or absence of	
	an obstacle in an international tax system of a state	141
3.4.	The operation of the Dutch double tax relief	
J. 4 .	mechanism explained	144
3.4.1.	The Dutch double tax relief mechanism's operation	144
J. T .1.	The Dutch double tax rener meenanism's operation	
	in general	144
3411	in general Two-step approach akin to second limitation in	144
3.4.1.1.	Two-step approach akin to second limitation in	
	Two-step approach akin to second limitation in common ordinary credit method	144 144
3.4.1.1. 3.4.1.2.	Two-step approach akin to second limitation in common ordinary credit method Some numerical exercises: Ben Johnson Dinghy	144
3.4.1.2.	Two-step approach akin to second limitation in common ordinary credit method Some numerical exercises: Ben Johnson Dinghy Selling Company	
	Two-step approach akin to second limitation in common ordinary credit method Some numerical exercises: Ben Johnson Dinghy Selling Company Foreign and domestic-source losses: Cross-border	144 147
3.4.1.2. 3.4.2.	Two-step approach akin to second limitation in common ordinary credit method Some numerical exercises: Ben Johnson Dinghy Selling Company Foreign and domestic-source losses: Cross-border loss set-off	144
3.4.1.2.	Two-step approach akin to second limitation in common ordinary credit method Some numerical exercises: Ben Johnson Dinghy Selling Company Foreign and domestic-source losses: Cross-border loss set-off The "recapture of foreign losses" and the	144 147 151
3.4.1.2.3.4.2.3.4.2.1.	Two-step approach akin to second limitation in common ordinary credit method Some numerical exercises: Ben Johnson Dinghy Selling Company Foreign and domestic-source losses: Cross-border loss set-off The "recapture of foreign losses" and the "carry-forward of foreign profits"	144 147 151 151
3.4.1.2.3.4.2.3.4.2.1.3.4.2.2.	Two-step approach akin to second limitation in common ordinary credit method Some numerical exercises: Ben Johnson Dinghy Selling Company Foreign and domestic-source losses: Cross-border loss set-off The "recapture of foreign losses" and the "carry-forward of foreign profits" The recapture of foreign losses mechanism	144 147 151
3.4.1.2.3.4.2.3.4.2.1.	Two-step approach akin to second limitation in common ordinary credit method Some numerical exercises: Ben Johnson Dinghy Selling Company Foreign and domestic-source losses: Cross-border loss set-off The "recapture of foreign losses" and the "carry-forward of foreign profits" The recapture of foreign losses mechanism The carry-forward of foreign profits mechanism:	144 147 151 151
 3.4.1.2. 3.4.2. 3.4.2.1. 3.4.2.2. 3.4.2.3. 	Two-step approach akin to second limitation in common ordinary credit method Some numerical exercises: Ben Johnson Dinghy Selling Company Foreign and domestic-source losses: Cross-border loss set-off The "recapture of foreign losses" and the "carry-forward of foreign profits" The recapture of foreign losses mechanism The carry-forward of foreign profits mechanism: Domestic-source losses	144 147 151 151 152
3.4.1.2.3.4.2.3.4.2.1.3.4.2.2.	Two-step approach akin to second limitation in common ordinary credit method Some numerical exercises: Ben Johnson Dinghy Selling Company Foreign and domestic-source losses: Cross-border loss set-off The "recapture of foreign losses" and the "carry-forward of foreign profits" The recapture of foreign losses mechanism The carry-forward of foreign profits mechanism: Domestic-source losses Notional services provided, notional supplies of	144 147 151 151 152 154
 3.4.1.2. 3.4.2. 3.4.2.1. 3.4.2.2. 3.4.2.3. 3.4.3. 	Two-step approach akin to second limitation in common ordinary credit method Some numerical exercises: Ben Johnson Dinghy Selling Company Foreign and domestic-source losses: Cross-border loss set-off The "recapture of foreign losses" and the "carry-forward of foreign profits" The recapture of foreign losses mechanism The carry-forward of foreign profits mechanism: Domestic-source losses Notional services provided, notional supplies of goods (stock and capital assets)	144 147 151 151 152 154 155
 3.4.1.2. 3.4.2. 3.4.2.1. 3.4.2.2. 3.4.2.3. 	Two-step approach akin to second limitation in common ordinary credit method Some numerical exercises: Ben Johnson Dinghy Selling Company Foreign and domestic-source losses: Cross-border loss set-off The "recapture of foreign losses" and the "carry-forward of foreign profits" The recapture of foreign losses mechanism The carry-forward of foreign profits mechanism: Domestic-source losses Notional services provided, notional supplies of goods (stock and capital assets) Intra-firm transactions	144 147 151 151 152 154
 3.4.1.2. 3.4.2. 3.4.2.1. 3.4.2.2. 3.4.2.3. 3.4.3. 3.4.3.1. 	Two-step approach akin to second limitation in common ordinary credit method Some numerical exercises: Ben Johnson Dinghy Selling Company Foreign and domestic-source losses: Cross-border loss set-off The "recapture of foreign losses" and the "carry-forward of foreign profits" The recapture of foreign losses mechanism The carry-forward of foreign profits mechanism: Domestic-source losses Notional services provided, notional supplies of goods (stock and capital assets)	144 147 151 151 152 154 155 155

3.4.4.	Currency exchange results	172
3.4.4.1.	Allocation of currency exchange pro rata parte	172
3.4.4.2.	Scenario I – US Branch B's tax books are kept in	
	US dollars	176
3.4.4.3.	Scenario II – US Branch B's tax books are kept in	
	euro	182
3.4.4.4.	Scenario III – US Branch B's tax books are kept in	
	Japanese yen	184
		10.
3.5.	The route to Rome: Taxing the fraction	188
3.5.1.	If the Dutch tax legislator had applied the	
	Dutch-style double tax relief mechanism non-	
	discriminatively, it would have enhanced fairness,	
	but it did not	188
3.5.1.1.	The system itself operates equitably and efficiently,	100
5.5.1.11	as the tax burden is untouched by border crossings	188
3.5.1.2.	Common to international taxation practices, the	100
5.5.1.2.	system is, however, only available to Dutch resident	
	taxpayers; non-resident taxpayers receive different	
	tax treatment	189
3.5.1.3.	Notwithstanding its alignment to international	107
5.5.1.5.	taxation, the difference in tax treatment is essentially	
	unfair	190
3.5.2.	The difference in tax treatment of resident taxpayers	190
5.5.2.	and non-resident taxpayers should end	196
2521	So what we need is	190
3.5.2.1.		190
3.5.2.2.	unlimited tax liability upon domestic nexus and	106
252	Dutch-style double tax relief for foreign nexus	196
3.5.3.	The operation of the advocated system: Taxing	100
2521	the fraction	198
3.5.3.1.	The tax burden is exactly the same in both domestic	100
2522	and cross-border environments	198
3.5.3.2.	Communicating vessels: Foreign and domestic-	• • • •
	source losses; cross-border loss set-off	200
3.5.3.3.	Communicating vessels: Notional services provided,	
	notional supplies of goods (stock and capital assets)	210
3.5.3.4.	Currency exchange results	217
3.5.4.	Not all distortions would be resolved	227
3.5.4.1.	Analysis builds on assumption of absence of	
	disparities	227
3.5.4.2.	Analysis builds on assumption of adequate building	
	blocks of international taxation	228

3.5.5.	but distortions due to obstacles would be	228
3.5.5.1.	Discriminations and restrictions internal to the international tax systems of nation states would be eliminated	228
3.5.5.2.	Van Raad's "fractional taxation" and the resident taxpayer treatment of non-resident taxpayers	220
	individuals in Dutch individual income taxation	229
3.5.5.3.	Tax parity of residents and non-residents is	222
3.5.5.4.	attainable: It is also done in value added taxation Advocated system in treaty scenarios:	233
5.5.5.4.	Administrative assistance called for	234
3.5.5.5.	Switch-over to credit mechanism to counter	
	potential for tax abuse	235
3.6.	The Court of Justice's alternative, pragmatic	
	route to Rome: The territoriality principle	237
3.6.1.	The Court of Justice seeks equilibrium between	
	Member State tax sovereignty and the fundamental freedoms	237
3.6.1.1.	Pragmatically balancing tax sovereignty and the	231
	free movement rights: The territoriality principle	
	to justify an obstacle imposed	237
3.6.1.2.	Doing the sums would lead to the same point as the	
	approach advocated in this book	239
3.6.2.	The Court of Justice's pragmatic interpretations	240
3.6.2.1.	have however produced ambiguities	240 240
3.6.2.2.	The Court of Justice's reasoning has been ambivalent "Territoriality effectively achieved suffices"	240 240
3.6.2.3.	Territoriality effectively achieved is insufficient:	240
5.0.2.5.	It should be achieved efficiently	242
3.6.2.4.	Dislocations thus sometimes upheld and sometimes	
	struck down	243
3.6.3.	Legal uncertainty is the product of the Court of	
	Justice's case law	243
3.6.3.1.	Lack of clarity in how the Court of Justice's rulings	0.40
3.6.3.2.	mutually relate	243
5.0.5.2.	Relying on the Court of Justice's observations or taking an autonomous course?	244
	-	
3.7.	Final remarks	245

Part IV Towards a Fair International Tax Regime: Eliminating Disparities Adequately

Chapter 4:	The Group as a Taxable Entity	251
4.1.	Introduction	251
4.2.	The multinational firm: A rents-producing single	
	economic entity	254
4.2.1.	Multinational firms economically exist as single entities	254
4.2.2.	Multinational firms derive economic rents:	
	The "theory of the firm"	256
4.2.3.	This explains the unitary-business approach in	
	international tax theory	259
4.3.	Tax consolidation remedies the separate-entity	
	approach's distortive features	260
4.3.1.	Seeking to capture multinationals for corporate tax	
	purposes	260
4.3.1.1.	Taxing multinationals on the basis of a common tool:	
	The separate-entity approach	260
4.3.1.2.	The separate-entity approach produces arbitrage	260
4.3.1.3.	Some elaboration: Distortive effects render the	
	separate-entity approach inefficient and inequitable	262
4.3.1.4.	Countering the arbitrage: Tax consolidation	263
4.4.	Tax consolidation regimes do not adequately cover	
	the economic entity: An alternative	274
4.4.1.	Reconsidering the scope of application of the typical	
	tax consolidation regimes	274
4.4.2.	Remedying distortive effects in a domestic context	274
4.4.2.1.	Decisive influence	274
4.4.2.2.	Motive: The corporate interest granting the parent	
	decisive influence should be held as a capital asset	281
4.4.2.3.	Equivalent approach to decide on applicable	
	fundamental freedom in primary EU law?	294
4.4.3.	Remedying distortive effects in a cross-border	
	context: Subject group to unlimited tax liability and	
	provide double tax relief by means of credit for	• • •
	domestic tax attributable to foreign income	296

4.4.3.1.	Typically no cross-border tax consolidation is	200
4 4 2 2	available	296
4.4.3.2.	Categorizing the ineligibilities to cross-border tax consolidation	298
4.4.3.3.		298
4.4.3.3.	Eligibility depends on tax residence and investment	300
4.4.3.4.	location: Differential upon tax border crossing	300
4.4.3.4.	Fairness requires worldwide cross-border tax	302
4.4.3.5.	consolidation akin to worldwide unitary combination Worldwide taxation in the event of a domestic	302
4.4.5.5.	nexus: Double tax relief in the form of a credit for	
	domestic tax attributable to foreign income	304
1126	regarding a foreign nexus	304
4.4.3.6.	Advocated system in treaty scenarios:	206
4 4 2 7	Administrative assistance called for	306
4.4.3.7.	Switch-over to credit mechanism to counter	207
	potential for tax abuse	307
4.5.	Consequences	309
4.5.1.	Weighing the pros and cons: The pros	309
4.5.1.1.	The system would enhance fairness	309
4.5.1.2.	The system would be obstacle-free	309
4.5.1.3.	The system would operate invariantly regarding	
	the legal organization of the firm: No paper	
	profit-shifting incentives through intra-firm legal	
	structuring	311
4.5.2.	Weighing the pros and cons: The cons	321
4.5.2.1.	Tax-transparency of subsidiary companies and	
	hybrid entity mismatch issues	321
4.5.2.2.	Triangular cases and currency exchange rate	
	mutations	322
4.5.2.3.	Profit attribution by reference to the OECD's	
	two-step analysis	324
4.5.2.4.	Tax return filing, auditing and mutual administrative	
	assistance	325
4.5.3.	Remaining challenges to be resolved	327
4.5.3.1.	Obstacles imposed abroad still in place	327
4.5.3.2.	Disparities and inadequacies in the tax base	
	definition methodologies still in place	327
4.5.3.3.	Disparities and inadequacies in the profit division	
	methodologies still in place	328

4.5.4.	Remaining challenges do not render the current analysis invalid	330
4.6.	Final remarks	330
Chapter 5:	Economic Rents as a Taxable Base	333
5.1.	Introduction	333
5.2.	Business income as remuneration for the production factor of enterprise	336
5.2.1.	What is business income? The S-H-S concept of income	336
5.2.2.	Taxing the returns to the production factor of	
5 2 2 1	enterprise: Economic rents	338
5.2.2.1.	Taxing the business proceeds	338
5.2.2.2.	of the firm involved	339
5.3.	No-tax environment	341
5.3.1.	Assessing the investment returns of Ben Johnson	
	Dinghy Selling Company	341
5.3.2.	The benchmark: Investment returns of Ben Johnson	
	Dinghy Selling Company in a no-tax environment	342
5.3.3.	Leverage explained	343
5.3.4.	Operating through interposed subsidiary Johnson's	
	Dinghy Sales Subsidiary Co.	345
5.3.5.	The alternative business opportunity: (In)direct	
	investment in the dinghy distribution business of	
	a third party	345
5.4.	Problematic effects under conventional corporate	
0	income tax	346
5.4.1.	General remarks	346
5.4.1.1.	Introducing a typical corporate tax into the model	346
5.4.1.2.	Nominal return on equity	346
5.4.1.3.	Realization basis	347
5.4.1.4.	Tax depreciation	348
5.4.2.	The effects involving a direct investment	349
5.4.2.1.	Assessing the investment returns of Ben Johnson	517
5.1.2.1.	Dinghy Selling Company	349
5.4.2.2.	Average effective tax rates: The "tax wedge"	351

5.4.2.3.	Financing discrimination: Distorting financing	
	decisions	354
5.4.2.4.	Marginal effective tax rates: Distortions at	
	the margin	356
5.4.3.	The effects that arise when it involves an (in)direct	
	investment through an interposed controlled	
	subsidiary	357
5.4.3.1.	Assessing the investment returns through interposed	
	subsidiary Johnson's Dinghy Sales Subsidiary Co.	357
5.4.3.2.	The effects of the deviation between the corporate	
	income tax reality and actual reality are significant	358
5.4.3.3.	Tax consolidation remedies	368
5.4.4.	The effects involving an indirect investment in a	
	non-controlled participation	369
5.4.4.1.	General remarks	369
5.4.4.2.	Mitigating tax cascading: Participation exemption	
	and indirect credit regimes operate inequitably	371
5.4.4.3.	An equitable alternative to mitigate tax cascading:	
	The "indirect tax exemption"	380
5.4.4.4.	Loss recapture and profit carry-forward mechanisms	
	required	387
5.4.4.5.	Yet core issues remain in place, so we need	
	something else	398
5.5.	Problematic effects under comprehensive business	
	income tax	399
5.5.1.	General remarks	399
5.5.1.1.	A CBIT taxes EBIT	399
5.5.1.2.	Creating tax parity in financing by denying	
	deduction for debt financing	399
5.5.2.	The effects involving a direct investment	401
5.5.2.1.	Assessing the investment returns of Ben Johnson	
	Dinghy Selling Company	401
5.5.2.2.	Average effective tax rates: The tax wedge	403
5.5.2.3.	Financing discrimination issues mitigated	405
5.5.2.4.	Marginal effective tax rates – The price: Distortions	
	at the margin	406
5.5.3.	We need something else	408
	6	
5.6.	Towards fairness: The allowance for corporate equity	409
5.6.1.	General remarks	409
5.6.1.1.	An ACE taxes rents	409

5.6.1.2.	Creating tax parity in financing by granting	
	deduction for equity financing	409
5.6.2.	The effects involving a direct investment	410
5.6.2.1.	Assessing the investment returns of Ben Johnson	
	Dinghy Selling Company	410
5.6.2.2.	Equal-to-statutory AETRs	413
5.6.2.3.	Financing discrimination issues mitigated	416
5.6.2.4.	Marginal effective tax rates are nil	419
5.6.2.5.	Arguments for further exploration	420
5.6.3.	The effects that arise when an (in)direct investment	
	through an interposed controlled subsidiary is	
	involved	422
5.6.3.1.	Assessing the investment returns through interposed	
	subsidiary Johnson's Dinghy Sales Subsidiary Co.	422
5.6.3.2.	Tax consolidation remedies	423
5.6.4.	The effects involving an indirect investment in a	
	non-controlled participation	424
5.6.4.1.	General remarks	424
5.6.4.2.	Mitigating tax cascading: The indirect tax	
	exemption under an ACE	425
5.6.4.3.	Loss recapture and profit carry-forward mechanisms	
	required	430
5.7.	Effects under cash flow taxes	440
5.7.1.	General	440
5.7.1.1.	Inbound and outbound cash flows are taxable events	440
5.7.1.2.	Cash flow taxes in three variations	441
5.7.2.	Effects under real transactions-based cash flow tax	443
5.7.2.1.	General remarks	443
5.7.2.2.	The effects involving a direct investment	444
5.7.2.3.	Average effective tax rates are nil: Property comes	
	at a price	446
5.7.2.4.	Financing discrimination issues prove not to be	
	resolved	451
5.7.2.5.	Marginal effective tax rates are nil	453
5.7.2.6.	Fixing the "government's silent partnership" and	
	"financing discrimination" properties	453
5.7.3.	Effects under real and financial transactions-based	
	or share-based cash flow tax	459
5.7.3.1.	General remarks	459
5.7.3.2.	The effects involving a direct investment	461

5.7.3.3.	Average effective tax rates are nil: Property comes at a price	463
5.7.3.4.	Financing discrimination issues mitigated	468
5.7.3.5.	Marginal effective tax rates are nil	470
5.7.3.6.	Fixing the "government's silent partnership" feature	470
5.7.3.7.	Reinforcing tax depreciation?	476
5.8.	Final remarks	480
Chapter 6:	In Search of an Allocation Mechanism	483
6.1.	Introduction	483
6.2.	Income lacks geographical attributes	486
6.2.1.	Identification of the "true geographical source of income" seems required, but the theoretical rationale	
	is non-existent	486
6.2.2.	From net value added at origin to net value added	400
0.2.2.	at destination	488
6.2.2.1.	Supply side of income (firm inputs) and demand	100
0.2.2.1.	side of income (firm outputs)	488
6.2.2.2.	Supply side of income: Taxing at origin	489
6.2.2.3.	Demand side of income: Taxing at destination	492
6.2.2.4.	Income as a result of the interplay of supply and	
	demand	495
6.2.2.5.	Taxing income at destination: Strange?	498
6.2.3.	Nothing definitive to be said on geographical	
	location of income, but agreement necessary	500
6.2.3.1.	Locating income: No conceptual benchmark	
	available for rule making	500
6.2.3.2.	"Slicing the shadow": Agreement seems to be	
	required, but on what?	504
6.3.	Tax pie sharing under the supply-side profit	
	attribution system in international taxation:	
	Why it fails	508
6.3.1.	Current international tax system aims at locating	
	and evaluating firm inputs but falls short	508
6.3.2.	Current international tax system fosters profit	
	shifting as a consequence	509

6.3.3.	Nexus in international taxation: Why only	
	"significant people functions" has some appeal for	
	locating income at origin	512
6.3.3.1.	Nexus required to establish taxable presence, but	
	instruments are often arbitrary	512
6.3.3.2.	Broken nexus concepts: Corporate nationality,	
	corporate residence and the permanent establishment	
	threshold	512
6.3.3.2.1.	Broken nexus concepts in international tax law	512
6.3.3.2.2.	The sheer meaninglessness of corporate nationality	
	(incorporation seat system)	513
6.3.3.2.3.	The shallowness of corporate residence (real-seat	
	system; place of effective management)	516
6.3.3.2.4.	<i>Situs</i> , perhaps, but many of its expressions in	
	international taxation have reached breaking points	523
6.3.3.3.	Situs, perhaps indeed, but only by reference to	
	"significant people"	532
6.3.3.4.	Significant people: All the multinational's	
	employees, calling for the "labour factor presence	
	test"	538
6.3.4.	Allocation in international taxation: Why SA/ALS	
	fails	541
6.3.4.1.	Allocation required to evaluate taxable presence	541
6.3.4.2.	Transfer pricing: A world of smoke (SA) and mirrors	
	(ALS) causing the "continuum price problem"	542
6.3.4.2.1.	A "universe of pretense"	542
6.3.4.2.2.	Fiction one: The smoke – The multinational firm is	
	a single entity in reality, yet SA in taxation is	
	the standard	543
6.3.4.2.3.	The consequence: A potential for arbitrage	545
6.3.4.2.4.	Fiction two: The mirrors – ALS to counter arbitrage	
	potential created, yet in reality firms derive rents	548
6.3.4.2.5.	The consequence: The continuum price problem	551
6.3.4.3.	Recognizing the continuum price problem in	
	transfer pricing trends: Towards "residual profit	
	splitting"	562
6.3.4.3.1.	Evolution in transfer pricing methods reveals a	
	shaking-off of the traditional SA/ALS concept	562
6.3.4.3.2.	Blowing away the smoke: Towards "combined	
	profit"	565
6.3.4.3.3.	Breaking the mirrors: Approximating "relative	
	contributions of functions performed"	574

6.3.4.4.	But how to objectively evaluate the fair value of firm inputs at origin?	577
6.3.4.5.	Perhaps tax allocation should not rely on subjective beliefs regarding future earnings	583
6.3.4.6.	Perhaps tax allocation should rely on predetermined	565
0.5.4.0.	formulae: Towards formulary apportionment	586
6.4.	Tax pie sharing under the supply-demand and	
	demand-side alternatives: Formulary apportionment	590
6.4.1.	Traditional FA aims at fairly approximating the	
	location and value of firm inputs at origin and firm	
	outputs at destination	590
6.4.2.	Formulary apportionment systems: The United	
	States, Canada and the CCCTB	592
6.4.2.1.	Some well-known examples	592
6.4.2.2.	Formulary apportionment in US state income	
	taxation: A glance	593
6.4.2.3.	Formulary allocation in the Canadian provincial/	
	territorial tax system: A glance	596
6.4.2.4.	Formulary apportionment in the European Union	
	under the proposed CCCTB: A glance	597
6.4.3.	The virtues of common and theoretically sound	
	approaches: Also under FA	600
6.4.3.1.	FA is about profit division, not about tax unit	
	definitions, tax base definitions or double tax relief	
	mechanisms	600
6.4.3.2.	A common approach: Also under FA	601
6.4.3.3.	Unlimited taxation, Dutch-style double tax relief:	
	Also under FA	604
6.4.3.4.	Economic rent taxation: Also under FA	606
6.4.3.5.	The group as a taxable entity: Also under FA	606
6.4.3.6.	Favouring worldwide unitary combination over	
	water's edge limitation	613
6.4.4.	FA does not put to an end real profit shifting but	
	could end paper profit shifting if well designed	620
6.4.4.1.	FA seeks to approximate location of income by	
	locating income-generating activities	620
6.4.4.2.	The formula factors and their effects further	
	assessed	624
6.4.4.2.1.	Nexus and allocation: Also required in FA	624

6.4.4.2.2.	A plea for coordinating nexus and allocation	
	standards in line with inputs and outputs through	
	"factor presence tests"	625
6.4.4.2.3.	Exploring suitable proxies for locating and	
	evaluating firm inputs and firm outputs	644
6.4.5.	Deciding on the matter: Towards destination-based	
	sales-only apportionment	676
6.4.5.1.	The effects of apportioning to input locations and	
	output locations: Real profit shifting	676
6.4.5.2.	Towards destination-based sales-only apportionment	685
6.4.5.3.	The effects of currency exchange results under the	
	advocated system	690
6.4.5.4.	Simplifying matters: Multiplying the firm's	
	worldwide rents with domestic sales over worldwide	
	sales ratio	704
6.4.6.	Rate coordination, revenue sharing? Perhaps not	706
6.5.	Final remarks	711
0.5.		/11

Part V

Sharing the Pie: The Building Blocks of a Corporate Tax 2.0

Chapter 7:	Conclusions: The Building Blocks of a Fair International Tax Regime	717
7.1.	The issue	717
7.2.	The central research question and the key subquestions	718
7.2.1.	Central research question: How should the business proceeds of multinationals be taxed?	718
7.2.2.	Key subquestions: Towards fairness in corporate taxation in three steps	718
7.3.	Sharing the pie: Building blocks of a fair international tax regime	719
7.3.1.	Some thoughts on fairness in corporate taxation: A normative framework built on the equality	, 1)
	principle	719

7.3.2.	Towards a fair international tax regime –		
	Eliminating obstacles: Worldwide taxation in the		
	event of a domestic nexus; double tax relief in the		
	form of a credit for domestic tax attributable to		
	foreign income regarding a foreign nexus	721	
7.3.3.	Towards a fair international tax regime: Eliminating		
	disparities adequately	723	
7.3.3.1.	Whom to tax, what to tax and where to tax it?	723	
7.3.3.2.	Whom to tax? The group as a taxable entity	723	
7.3.3.3.	What to tax? Economic rents as taxable base	725	
7.3.3.4.	Where to tax? Destination-based sales-only		
	apportionment	726	
7.3.4.	Sharing the pie: Building blocks of a corporate		
	tax 2.0	729	

References

731

Preface

Most stuff from the 1920s sits in museums – The exception is the international tax regime

The taxation of multinationals attracts a great deal of attention. The way companies arrange their tax affairs and the way countries compete via their tax systems are questioned by the general public. People perceive that multinationals do not contribute their fair shares – and are even facilitated by governments in not doing so – while annual tax bill increases are addressed to their workers and customers.

What went wrong? Perhaps the most serious problem is that country profit tax systems have become outdated and now end up encouraging tax-induced company behaviour. Today's tax systems date back to the 1920s and have been patched up time and time again, so that they are now no longer fit for purpose. These systems inherited from the past are based on locally organized businesses that are in close proximity to their customers and have a strong local physical presence. That well suited economic realities in the early days of international trade and commerce. Today's markets, however, operate in a different reality. Companies now structure business on a European or even global basis, while the Internet means that physical presences are no longer necessary to service national markets.

Tax systems have become unequipped to deal with contemporary business realities, while globalization and internationalization appear to be reinforcing the gap between these systems and the market realities in which they operate. Country tax systems now appear to be influencing business processes. Countries distort business decisions by not treating cross-border business activities on a par with domestic equivalents. The lack of an internationally coordinated approach gives rise to discrepancies that can result in profits being liable to double taxation or no taxation. Business decisions may, at times, be tax driven and hence less than optimal. That harms our economies and affects societal trust in the integrity of the tax system.

Current international actions won't cut the mustard. All leave existing tax frameworks essentially intact, treating the symptoms of an ill-designed model rather than dealing with underlying root causes. This goes for both the OECD/G20's base erosion and profit shifting (BEPS) initiative and this July's EU Anti-Tax Avoidance Directive (ATAD). The same is true for the Commission's attempts to target some Member States for having aided certain multinationals via their tax systems in contradiction with State aid rules. Perhaps one should question whether analytical problems in taxation can ever be resolved within the same framework that created those problems in the first place. Perhaps we should fundamentally reconsider how we tax our multinationals.

Imagine designing a fair system from scratch: a "corporate tax 2.0". That is exactly what this book does. It gradually transforms current international tax paradigms and modifies them step by step into an alternative framework for taxing multinationals. Briefly put, the proposed alternative would have three properties: the firm as a single taxpayer; a deduction for equity; and a sales-based apportionment. Today, countries typically subject corporate bodies to taxation as separate entities, regardless of whether these bodies are part of a functionally integrated firm. This creates all kinds of arbitrage, for the tax system has changed the manner in which firms legally arrange their business affairs in order to influence the tax cost. Treating the multinational as a single taxable entity would get rid of this with the stroke of a pen, as all intra-firm legal realities would be eliminated for tax purposes. Providing a tax deduction for equity, equivalent to that for interest, would create a system taxing above-normal profits only. The way investment was financed would become immaterial for calculating tax bills, promoting healthy business financing. Today, typically no such deduction is available, and this incentivizes firms to debt-finance investment. Tax base would be assigned to countries in proportion to where the firm involved sells its products and services. Today's model instead assigns tax base to investment jurisdictions, creating a bias towards investment where effective tax rates are comparatively lowest, driving "races to the bottom" and putting pressure on national fiscal systems. A sales-based apportionment would bring that to an end, as investment locations would become immaterial for tax purposes. Corporate tax 2.0 would leave countries to apply their own rates and to retain autonomy in tax policy matters. It would provide countries an inelastic and hardto-dodge tax base, since firms don't control customer locations.

Sci-fi? It would just take one brave country or region to start the ball rolling. A sales-based unitary system taxing above-normal profits would stimulate investment in that country or region and, in turn, would encourage economic growth. A forecast of a strengthened competitive position provides a serious incentive to switch. If the first mover were to be eco-geopolitically relevant, others would have little option but to follow. It would be in their self interest. Any interactions between different tax systems would become increasingly neutral as more countries adopted the new approach. Such a self-interest-driven domino effect would transform the current distortive model into a growth-enhancing, fair, efficient and difficult-to-escape company tax.

This book forwards an assessment of the international tax regime of its own. It develops and forwards an out-of-the-box alternative to the confused way we currently tax multinationals. It is not an assessment of the OECD/G20 BEPS project or recent EU developments in the field of direct taxation. It rather and essentially is an autonomous assessment of those issues that have recently come to be known as BEPS. The manuscript was initially prepared as a PhD thesis, which was defended by the author at Erasmus University Rotterdam on 15 January 2015 (cum laude). (The thesis was awarded the Johannes Cornelis Ruigrok Prize 2016 by the Royal Dutch Society of the Sciences (Koninklijke Hollandsche Maatschappij der Wetenschappen) on 17 June 2016 and the Dissertation Prize 2016 by the Dutch Association for Tax Sciences (Vereniging voor Belastingwetenschap) on 22 September 2016.) The manuscript was prepared in pre-BEPS times, in the period from 2010-2014, and assessed by the doctoral committee during 2014. The writing process was formally finalized on 1 January 2015. Developments in international corporate taxation subsequent to that date have not been included in the analysis. Hence, the BEPS outcomes of 5 October 2015 are not included in this book (although the 2014 deliverables and BEPS report and Action Plan are); neither is the ATAD (although the original CCCTB proposal is). (For assessments of these developments, the reader is referred to the available literature, including the post-January 2015 papers on these subjects prepared by the author.) Although BEPS and ATAD are not explicitly assessed, their concepts and approaches nevertheless are. Digitization, mismatches, interest deductibility, controlled foreign company regimes, harmful tax competition, patent boxes, the definition of permanent establishment, transfer pricing (IP, risks etc.) and transparency (e.g. country-by-country reporting) are all extensively assessed in this book. So are EU concepts and approaches, including the fundamental freedoms, State aid and harmonization through the adoption of EU Directives. It is all there. That being said, the book nevertheless follows an independent course and proceeds in a completely different direction than current developments perhaps save for some notions involving unitary taxation underlying the Commission's CCCTB relaunch of 15 June 2015.

There are many people I wish to thank. This book would not have been completed without the support and help that I received during the process of preparing the manuscript. Some I should mention explicitly.

First of all, I would like to extend heartfelt thanks to Professor Emeritus Henk van Arendonk, former chair of the tax law department of Erasmus University Rotterdam. Henk, thank you for opening the doors to the institute, allowing me to carry on the research that I had started earlier at Utrecht University (but which, unfortunately, I could not finish there, as the university had to close down the tax department for budgetary reasons in 2011). Thanks are due also to professor Sigrid Hemels, our current chair, for keeping the doors of the institute open, giving me the chance to continue and extend my research activities at Erasmus University for the years to come. Many thanks must also go to Loyens & Loeff N.V., the law firm I have been working with since 2006, for its support as a "backstop" when university budget cuts endangered the financing of my research. I feel particularly indebted to Paul Simonis and Rob Cornelisse for their efforts in this respect. Thank you, Paul; and thank you, Rob. I am also indebted to the Foundation for European Fiscal Studies for its support, and particularly to the foundation's chair, professor Arnaud de Graaf.

Furthermore, I would like to express my thanks and appreciation to my PhD supervisor, professor Ton Stevens, for the hours spent on reading the draft manuscript and for taking the time to discuss the observations and findings, particularly in the final stage of the research process. And Ton, thanks again for sharing your insight, allowing me to further simplify the advocated system mathematically in chapter 6. I am also indebted to my former supervisor at Utrecht University, Geerten Michielse, for encouraging me to base my reasoning upon the real argument rather than the authority argument. Thanks, Geerten, for providing me to I needed to widen the framework of my thinking.

I would also like to express my sincere gratitude to the members of the plenary doctoral committee. A special thanks to the members of the inner doctoral committee, professors Henk Vording, Hans van Sonderen and Arnaud de Graaf. Thank you for the time spent on reading the draft version of the manuscript and for the valuable and insightful comments. You allowed me not only to sharpen my opinions but also enabled me to avoid some potential analytical pitfalls in the process. I would also like to thank the other members of the plenary doctoral committee, professors Pasquale Pistone, Sigrid Hemels, Peter Kavelaars, and Reinout Kok. Thank you for your precious time, for reading the manuscript and for your willingness to discuss the study's findings at the graduation ceremony on 15 January 2015.

Additionally, best of luck and many thanks, too, to my colleagues at Loyens & Loeff and Erasmus University, for their time and willingness to discuss a number of arguments and points of reasoning, and for sharing their ideas on these matters as well. Thanks Harmen van Dam, Bart le Blanc, Albert Heeling, Hennie van Bommel, Dennis Weber and Jan van de Streek; and thank you Erwin Nijkeuter, Richard Snoeij, Erik Ros, Bernard Damsma and Renate Buijze.

Good luck and many thanks, as well, to Yvonne Boudewijn, Fenneke van Dam, Daan Hoogwegt, and Steven Heijting. Yvonne, Daan and Steven: I would like to thank you for your work on the footnote references and the bibliography. And thank you, Fenneke, for your work, particularly in administratively paving and smoothing the road to the beadle's office. I am indebted, too, to Petra Molenaar and Scottie Bruck for their excellent editorial work on the draft manuscript – thanks.

The author also wishes to thank IBFD, and especially professor Pasquale Pistone, for making publication of this book possible.

And finally my family, and, of course, Ciska, my love. Cis, thank you for your love, your infinite patience and your advice; and thank you for being you, and for being there.

Maarten Floris de Wilde Zeist, 1 September 2016 Sample Chapter

Chapter 2

Some Thoughts on Fairness in Corporate Taxation

2.1. Introduction⁷⁷

This chapter, the first constituent part of the analysis in this book, addresses the first subquestion, that is, how the concept of "fairness" in international corporate taxation should be understood. What should be the benchmark to assess the fairness or unfairness of the international tax regime? What constitute the principles for a sound tax system?

This chapter describes the concept of fairness as understood and interpreted by the author. Inspired by a combination of international tax theory and the objectives that underlie the legal framework of the European Union, the parameters of the author's notions on fairness in taxation will be addressed. These parameters will be based on how the author interprets the maxims of equity and economic efficiency as developed in international tax theory.⁷⁸

The basic argument is that the notion of fairness in corporate taxation is founded on the equality principle, conforming to the historically widely acknowledged notion of equal treatment before the law. Economic equal circumstances *in se* should be treated equally for tax purposes and unequal economic circumstances *in se* should be treated unequally insofar as circumstances are unequal.

The normative requirement of tax parity in equal economic circumstances, in the author's view, should be kept separate from the application of the relevant tax laws in a particular case. The reason for this is that the tax effects in the case at hand are tested against the benchmark of the notion of tax parity in equal circumstances, from which taxation is excluded as the subject of analysis. The tax effects in a particular scenario should be separated analytically from the fairness concept as these tax effects constitute

^{77.} This chapter draws from and further builds on Maarten F. de Wilde, "Some Thoughts on a Fair Allocation of Corporate Tax in a Globalizing Economy", 38 *Intertax* 281 (2010). 78. *See*, for a comparison, Klaus Vogel, "Worldwide vs. Source Taxation of Income – A Review and Re-evaluation of Arguments (Parts I, II & III)", 8/9 *Intertax* 216 (1988), at 216-228, 10 *Intertax* 310 (1988), at 310-320 and 11 *Intertax* 393 (1988), at 393-402; Nancy Kaufman, "Fairness and the Taxation of International Income", 29 *Law and Policy in International Business* 145 (1998), at 145-203; and Kevin Holmes, *The Concept of Income – A Multi-Disciplinary Analysis* (2001), at Chapter 1.

the "test object" against which the equality principle is tested. This allows a normative assessment of the tax effects without the tax effects influencing the outcome of the test; similarly, the results of a numerical calculation do not affect the underlying mathematical rules that determine the outcome.

It can be deduced from the equality postulate that everyone in an economic relationship with a tax state has the obligation to contribute to the financing of public goods from which one benefits in accordance with one's means – "equity".⁷⁹ Production factors should be distributed on the basis of market mechanisms without public interference – or at least with as little public interference as possible (economic efficiency). Taxation should follow economic reality rather than steering it, and it should not, either positively or negatively, affect business decisions – i.e. there should be tax neutrality, including neutrality of the legal form.

It has been argued that equity and neutrality may ultimately only be achieved through a worldwide harmonization of tax laws. That would require a transfer of sovereignty to a supranational body. Perhaps this is an unrealistic scenario politically, as states seem to be unwilling to give up their sovereign powers in the field of direct taxation. Perhaps the tax sovereignty of states should therefore be seen as a given, at least when it comes down to setting the tax rate.

2.2. Conditions for a fair allocation of tax on business income in a globalizing economy

- 2.2.1. The allocation of corporate tax should be equitable and economically efficient
- 2.2.1.1. A corporate tax should also be fair

Fairness requirement in corporate taxation cannot be simply denied

International tax theory basically adheres widely to the notion that the allocation of the tax burden among taxpayers and the tax revenue between

^{79.} *See*, for a comparison, Klaus Vogel, "Worldwide vs. Source Taxation of Income – A Review and Re-evaluation of Arguments (Parts I, II & III)", 8/9 *Intertax* 216 (1988), at 216-228, 10 *Intertax* 310 (1988), at 310-320 and 11 *Intertax* 393 (1988), at 393-402. *See also*, for a comparison, Wolfgang Schön, "International Tax Coordination for a Second-Best World (Part I)", 1 *World Tax Journal* 67 (2009), at section 2.

nation states should be equitable and economically efficient.⁸⁰ These normative cornerstones of a fair tax system were already rudimentarily acknowledged in the 18th century by Adam Smith as the "maxims of equity".⁸¹

Notions of fairness as developed in international tax theory traditionally constitute the normative foundation with respect to the allocation of individual income tax.⁸² This should also be the case when the discussion involves an assessment of fairness in international corporate taxation. Why should it escape the normative requirement of being fair? Corporate taxation should be imposed in a fair way.⁸³

Perhaps this view is considered controversial. A cynic may very well challenge the fairness requirement in corporate taxation altogether. He may argue that a corporate entity does not need to be treated fairly, as it does not even exist in reality – the "artificial entity theory". A legal entity is merely a legal construct, a stamped piece of paper. And perhaps a piece of paper should not be taxed in the first place. And even if such a legal construct should be taxed, there is no reason to treat a construct equitably and economically efficiently for tax purposes (the cynic might add).

Corporate tax is a pre-individual tax: If individuals should be treated fairly for tax purposes, by inference, so should corporations

Some would dispute this position. Indeed, the legal entities that are subject to corporate tax are merely persons by virtue of the company laws under which they have been created. Corporate legal entities are persons by law, having legal personality, which allows them to operate a business legally and to derive a profit from it. Corporate entities can therefore, legally, also

^{80.} See, for a comparison, Klaus Vogel, "Worldwide vs. Source Taxation of Income – A Review and Re-evaluation of Arguments (Parts I, II & III)", 8/9 Intertax 216 (1988), at 216-228, 10 Intertax 310 (1988), at 310-320 and 11 Intertax 393 (1988), at 393-402; Nancy Kaufman, "Fairness and the Taxation of International Income", 29 Law and Policy in International Business 145 (1998), at 145-203; and Kevin Holmes, The Concept of Income – A Multi-Disciplinary Analysis (2001), at Chapter 1. For an overview of the history of tax, reference is made to Ferdinand H. M. Grapperhaus, Tax Tales from the Second Millennium: Taxation in Europe (1000 to 2000), the United States of America (1756 to 1801) and India (1526 to 1709) (2009); and Ferdinand H. M. Grapperhaus, Taxes Through the Ages: A Pictorial History (2009).

^{81.} See Adam Smith, An Inquiry into the Nature and Causes of the Wealth of Nations (1796), at 255-259.

^{82.} *See* Jinyan Li, "Global Profit Split: An Evolutionary Approach to International Income Allocation", 50 *Canadian Tax Journal* 823 (2002), at 827.

^{83.} A plea not to repeal corporate taxation can be found in Reuven S. Avi-Yonah, "Corporations, Society and the State: A Defense of the Corporate Tax", 90 *Virginia Law Review* 1193 (2004), at 1193-1255.

be taxed. And indeed, as a corporate entity is just a legal construct in the end, the underlying individuals are the persons who ultimately effectively bear the tax imposed on the corporate entity. This does not mean, however, that it does not matter whether corporate entities are treated fairly or unfairly for tax purposes.

The first answer to the cynic might be that corporate tax conceptually operates as an "advance levy" on the income and consumption taxes imposed on the individuals behind the entity – the "aggregate theory".⁸⁴ And as the tax treatment of individuals should be fair, corporations should also receive fair tax treatment, as the corporate tax charged to a corporate body can be seen as a (temporary) replacement of the individual income tax chargeable to the individuals behind the corporate body.⁸⁵ So, if the individual ultimately pays corporate tax, it seems reasonable to argue that corporate tax should be levied equitably and neutrally, since the individuals behind the entity who effectively pay the tax should receive fair tax treatment.

In reality, indeed, only individuals pay tax. All taxes are ultimately borne by individuals rather than by legal constructs.⁸⁶ Although we do not know exactly who bears the tax, as the incidence of corporate tax is unknown, this still holds true.⁸⁷ Corporate tax may be effectively borne by the firm's owners, meaning the statutory incidence of a corporate tax. However, the owner does not necessarily have to bear the tax in the real world. The tax burden may also be passed on to the firm's customer, the consumer, or passed back to a worker of the firm or its supplier. In the end, it comes down to the relative elasticities in supply and demand in the relevant markets involving the production factors used and the products sold to make a profit. The tax incidence depends on the given price elasticities in the labour markets, the capital markets and the customer markets at a given time and place. In reality, as already stated, the tax incidence is unknown.

^{84.} *See* Michael J. Graetz, "The David R. Tillinghast Lecture, Taxing International Income: Inadequate Principles, Outdated Concepts and Unsatisfactory Policies", 54 *Tax Law Review* 261 (2001), at 301-306.

^{85.} *See*, on the question of why to tax corporations in the first place, Richard M. Bird, "Why Tax Corporations?", 56 *Bulletin for International Taxation* 194 (2002), at 194-203; and Ruud de Mooij, "Will Corporate Income Taxation Survive?", 3 *De Economist* 153 (2005), at 292.

^{86.} See Willem Vermeend et al., *Taxes and the Economy: A Survey on the Impact of Taxes on Growth, Employment, Investment, Consumption and the Environment* (2008), at 41 and 156.

^{87.} *See*, for a comparison, Michael J. McIntyre, "Thoughts on the Future of the State Corporate Income Tax", 25 *State Tax Notes* 931 (23 September 2002), at 936-938; and Peter Harris, "The CCCTB GAAR: A Toothless Tiger or Russian Roulette?", in Dennis Weber (ed.), *CCCTB: Selected Issues* (2012), at 278.

Multinational firms exist as economic entities

This being said, it is not implied, however, that corporate taxation should be abolished, as it is allegedly sufficient to tax the underlying shareholders, the individuals.

As a second response to the cynic, it could be said that multinational firms may be considered to exist in the real world as economic entities separate from their owners – the "real entity theory".⁸⁸ That would provide the first reason to tax the firm separately from its shareholders. Firms may be considered real as they are homogenous units created economically to maximize profit production for the benefit of their portfolio shareholders. Economically, firms exist as joint ventures or "partnerships" of the continuously changing owners of firms, meaning the portfolio shareholders that have "outsourced" the management of their "joint venture" to the firm's management. The presence of a firm's corporate management representing the firm entails that a firm may actually be considered to exist as a venture, economically separate from its shareholders.

Accordingly, a firm can be seen as a separate economic operator – an agent with a governance structure – to be distinguished analytically from its owners, that is, the portfolio investors that financed the firm's underlying integrated cross-border business operations with equity.⁸⁹ A firm may comprise a single legal entity or a group of economically integrated legal entities under the common control of an ultimate parent company. If the firm has business activities in more than one country – and has foreign direct investments – it is typically labelled as a multinational firm, multinational enterprise, or plainly as a multinational.

It may be acknowledged that the firm's equity investors, the owners, do not operate the business through their corporate interests themselves. The

^{88.} Avi-Yonah adopts the argument of a firm's existence to argue that the imposition of a corporate tax is justified as a means to control the excessive accumulation of power in the hands of corporate management. *See* Reuven S. Avi-Yonah, "Corporations, Society and the State: A Defense of the Corporate Tax", 90 *Virginia Law Review* 1193 (2004), at 1193-1255.

^{89.} This can be considered true to the extent that it concerns a publicly, or widely, held company. With respect to a controlling shareholding in a privately, or closely, held company, the presence of one economic operator may be argued, meaning the investor and company seen in conjunction. This is the case in which the shareholder/taxpayer holds a controlling corporate interest in the company through which the business enterprise is carried on for the purpose of employing that controlling interest for the benefit of its underlying business enterprise on a continuing basis.

owners of the firm merely hold their interest as a portfolio investment as they are primarily interested in the economic return on their shareholdings rather than in the underlying business operations of the firm.

A portfolio shareholder makes equity capital available to the firm so that the firm can pursue its direct investment activities as an entrepreneur. In return, the shareholder is remunerated, meaning he receives proceeds from his portfolio equity capital investment in the form of dividends and capital gains upon the disposal of his corporate interest. The investor mainly holds the portfolio investment interest as a security. The underlying property, business or other activities of the firm in which the interest is held is of secondary importance to the shareholder. The shareholder typically does not care too much about the types of investments undertaken by the multinational firm, as long as they are profitable.

The firm itself, through its corporate management, carries on the business enterprise by means of its direct investments. The firm together with its portfolio shareholders does not make up the economic entity because the multinational firm operates its enterprise as an economic entrepreneur, separate from its investors. Accordingly, the firm is a homogenous economic value creator rather than a mere conduit of income derived from its portfolio investors.⁹⁰

As the firm constitutes a single economic unit, it should perhaps be treated as a single unit, separate from its owners, for tax purposes, as the firm and its portfolio shareholder can be seen to constitute separate economic units. This allows the assessment of corporation tax on a stand-alone basis, that is, separate from the other taxes in a country's "tax mix". The relationships between the corporation tax and the income and consumption taxes levied from the firm's shareholders and workers are not reviewed in this book. The integration of corporate taxation and individual income taxation is not analysed either. The same applies to the relationship between corporate taxation and consumption taxation, for instance to mitigate or resolve tax cascading issues in these areas. These matters are left untouched, as they are outside of the confines of the central research question of this book.

^{90.} *See*, for a comparison, Richard J. Vann, "Taxing International Business Income: Hard-Boiled Wonderland and the End of the World", 2 *World Tax Journal* 291 (2010), at 293-294, who links this rationale to the theory of the firm.

Multinational firms derive economic rents

A third response to the cynic could be that, as a single economic entrepreneur, a multinational firm derives economic rents. By operating business activities in a functionally integrated manner on a global scale, firms have proven able to produce so-called above-normal investment returns, commonly also referred to as "pure profits", "inframarginal returns" or "above-normal returns", "excess earnings", "business cash-flow", or "economic rents". Firms derive these rents, i.e. these earnings or economic value increases in excess of the normal return rates to the production factors of labour (wage and capital. Standard low-risk return rates on capital, for instance, are yields on savings deposits or government bonds. The abovenormal return rates may be seen as the remuneration for the production factor of enterprise (for more on economic rents, *see* chapter 5).

As the multinational firm produces rents, it makes sense to tax these rents derived from the firm directly through the corporate tax system – instead of taxing these rents indirectly in the hands of its portfolio shareholders. Workers pay tax on their earnings – wage taxes. In the same way, the production factor of labour and portfolio investors pay tax on the returns on capital – capital income taxes – the production factor of capital. It may therefore seem sensible to also tax firms on their returns on the production factor of enterprise, that is, on their rents. The perspective may accordingly be taken that the corporation tax should be included in the tax mix to finance the public goods and services provided by the state from which the multinational also benefits.

Avoid "fairness spillovers" to other taxes in the tax mix

The final response to the cynic could be the following. The fairness question cannot be denied in corporate taxation because it avoids something known as "fairness spillovers" to other taxes in the tax mix.

Let us assume that, for whatever reasons and on whatever grounds, a tax authority was going to introduce a corporation tax and no notions of fairness were going to be taken into account. In doing so, the tax authority would adopt a non-equitable and non-neutral tax. Such a tax would operate arbitrarily, spilling over to the other taxes in the tax mix such as the wage tax, the capital income tax, or the consumption tax. Would that be a problem? The answer to that question may very well be "Yes".

If the corporation tax were to operate arbitrarily – it would for instance be unable to sufficiently tax the multinational's economic rents, thereby

creating tax arbitrage – the tax authority that seeks to raise revenue to finance expenditure would need to resort to alternative means. It would, for instance, resort to raising wage taxes and consumption taxes, or the levies on real estate. The absence of fairness in the corporate tax – meaning the presence of inequity and non-neutrality in it – would accordingly have some spillover effects into the other taxes in the tax mix. That would render the alternative taxes unfair as well, namely by making them inequitable and distortive.

Such fairness spillovers from the corporate tax into the other taxes in the mix that would follow from neglecting the fairness in corporate taxation would render matters perhaps even more difficult than a priori addressing them. The unfair leakages into the other taxes in the tax mix would have to be addressed. The arbitrage created in corporate taxation would need to be resolved somewhere else in the mix. And, indeed, this may be considered the case under the current international tax regime. As it seems impossible to properly tax the rents that multinationals derive from their global operations, the tax burdens imposed on consumption and labour are simply increased in response to that in order to finance public expenditure. Those increases are commonplace. The inability to tax the firm means that the consumer and the worker are taxed instead.

In sum, the issues of fairness cannot be escaped by simply arguing that fairness is absent in corporate taxation. The issue may even be reinforced to avoid the questions on fairness just being transferred to another context. That would perhaps render things only worse as it would give rise to the additional, perhaps insurmountable, issue of measuring the level of unfairness in the other levies in the mix to compensate for the unfair corporation tax system created. The issue can only be dealt with by accepting that the notions of fairness equally apply to corporate taxation, if not on moral grounds, then perhaps for pragmatic reasons.

2.2.1.2. Fairness in tax theory corresponds to the notions underlying the European Union

Before elaborating on the constituent parts of section 2.2.2., it is worth noting that the notions of fairness, meaning equity and economic efficiency, also lie at the heart of the legal framework on which the European Union has been built.⁹¹ The cornerstone objectives underlying the European Union –

^{91.} See, for a comparison, Peter Harris et al., International Commercial Tax (2010), at 96.

which align with the common values of the Member States – correspond to the notions on which international tax theory has been based, at least indirectly. This deserves further discussion here.

The objective of the European Union is the same as the objective of a typical constitutional democratic sovereign nation state. The European Union seeks to promote the well-being of the people living within its geographic territories.⁹² For that purpose, the European Union seeks to establish an area without internal frontiers on the basis of common social and economic policies to ensure fair (i.e. equitable) and free (i.e. economically efficient) competition. This entails that all publicly induced distortions in the functioning of the internal market without internal frontiers need to be eliminated.⁹³

To enhance equity and economic efficiency within the internal market – put in the perspective of direct taxation by the Member States – the direct tax systems of the EU Member States need to be harmonized.⁹⁴ At the same time, where EU law applies, the abolition of all unilaterally imposed obstacles to cross-border movements of goods, services, persons and capital is required: the European Union's "free movements" or "fundamental freedoms". The area without internal frontiers has been established as a means to reach these objectives. The European Union is an autonomous suprana-

^{92.} *See* the preamble to the Treaty on European Union (TEU) and Article 3 TEU. For some further analysis, *see* Frans Vanistendael, "No European Taxation without European Representation", 9 *EC Tax Review* 142 (2000), at 142.

^{93.} Article 2 Treaty on European Union in conjunction with Articles 26 and 119 Treaty on the Functioning of the European Union. *See* Court of Justice, case 15/81 (*Gaston Schul*).

^{94.} See Title VII Treaty on the Functioning of the European Union. See, for a comparison, Frans Vanistendael, "Memorandum on the Taxing Powers of the European Union", 11 EC Tax Review 120 (2002). The free movement of capital extends to third countries. The persons and territory falling under the free movement of capital are universal. See Articles 63-66 Treaty on the Functioning of the European Union. Consequently, Member States are not allowed to discourage economic activities beyond the external borders of the European Union and the European Economic Area (the EU Member States plus Iceland, Liechtenstein and Norway) - i.e. relative to intra-EU and intra-EEA equivalents - to the extent that the legal transactions/movements qualify as capital movements. The Member States are not allowed to restrict or discriminate against these capital movements, save for the application of the standstill provision. See Article 64 Treaty on the Functioning of the European Union. External cross-border capital movements fall under the free movement of capital, with the exception of restrictive and discriminatory measures in respect of "direct investments" in place in the laws of the Member States as at 31 December 1993. Before this date, there was no provision in Community law that directly applied to capital movements involving third countries. See, for some analysis on the application of the freedom of capital in third-country situations, Erwin Nijkeuter et al., "FII 2 and the Applicable Freedoms of Movement in Third Country Situations", 22 EC Tax Review 250 (2013), at 250-257.

tional legal order and EU law has direct effect in the relevant domestic legal orders of the EU Member States. 95

However, today, harmonization of the direct taxation systems of the EU Member States has been attained only to a very limited extent. With the exception of the prohibition of State aid and a few Directives, at the moment, the competences in the area of direct taxation lie completely at the level of the EU Member States. A basic property of EU law in the field of direct taxation is that when the European Union was founded no competences to levy direct taxes were transferred from the Member States to the Union. Today, the EU Member States have the power to veto any European Commission proposal that involves a transfer of sovereignty in the field of direct taxation to the European Union.⁹⁶ Consequently, within the internal market without internal frontiers, fiscal sovereignty is fragmented into as many autonomous tax jurisdictions as the European Union has Member States - currently 28. In direct taxation, a true internal market without internal frontiers does not (yet) exist. It is a "work in progress". Accordingly, the sovereignty of the Member States in the field of direct taxation does not substantially differ from that of the sovereignty of non-EU Member States.

This, nevertheless, does not change the fact that EU law has a profound influence on the international tax systems of its Member States. The established case law of the Court of Justice of the European Union reveals that the Member States have to exercise their competence in direct taxation consistently with the free movement rights.⁹⁷ Where the Treaty on the Functioning of the European Union is applicable, any obstacles imposed by the Member States are incompatible with the principle of free movement, unless these obstacles can be justified under the treaty or the "rule of reason" – that is, by overriding reasons in the general interest, for instance, on the basis of anti-tax abuse considerations.

Please note that this sample chapter is limited to 10 pages. To read more about this book, please visit the book's page on our website.

^{95.} See Court of Justice, cases 26/62 (Van Gend & Loos) and 6/64 (Costa/ENEL).

^{96.} Article 115 Treaty on the Functioning of the European Union.

^{97.} See Court of Justice, cases C-336/96 (*Gilly*); C-446/03 (*Marks & Spencer II*); C-265/04 (*Bouanich*); C-307/97 (*Saint Gobain*); and C-170/05 (*Denkavit Internationaal*). The same applies under the case law of the European Free Trade Association (EFTA) Court regarding the Member States of the European Economic Area. See EFTA Court, case E-7/07 (*Seabrokers*).

 	 ·····

Notes

 	 ••••••
	 •••••••••••••••••••••••••••••••••••••••
 	 ······
 	 ······

 	 ·····

Notes

Contact

IBFD Head Office Rietlandpark 301 1019 DW Amsterdam P.O. Box 20237 1000 HE Amsterdam, The Netherlands Tel.: +31-20-554 0100 (GMT+1) Email: info@ibfd.org Web: www.ibfd.org

